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November 1, 2011
File: 185702432.200.0011

Ms. Kristin Shelton
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, Suite 200
Rancho Cordova, California 95670

Reference: 2011 ANNUAL SITE STATUS, GROUNDWATER MONITORING, AND REMEDIAL SUMMARY REPORT
TESORO ARCO REMEDIATION PROGRAM (TARP)
1701 South River Road
West Sacramento, California

Dear Ms. Shelton:

On behalf of Tesoro Environmental Resources Company (Tesoro) and Buckeye Terminals, LLC (Buckeye), Stantec Consulting Corporation (Stantec) has prepared this report to satisfy regulatory requirements of the groundwater monitoring program at the site referenced above (Site). The requirements of the California Regional Water Quality Control Board - Central Valley Region's *Monitoring and Reporting Program (MRP) No. R5-2010-0830* are summarized in Table 1 and included in Appendix A. The MRP was jointly issued to Tesoro and Atlantic Richfield Company, Inc. (ARCO) on October 27, 2010 for the Tesoro ARCO Remediation Program (TARP) and the Site was formerly termed the TARP facility. Buckeye acquired the Site from ARCO effective June 1, 2011. Groundwater monitoring and sampling was conducted in accordance with the new MRP during first and third quarter 2011.

This report presents a site background (Appendix B), discusses groundwater elevation and analytical results for third quarter 2011, includes both first and third quarter 2011 data, and presents a discussion of annual concentration trends and the status of remediation during fourth quarter 2010 through third quarter 2011 (reporting period).

EXECUTIVE SUMMARY

Stantec conducted semiannual groundwater monitoring and sampling during first and third quarter 2011 and regular operation and maintenance (O&M) of the dual phase extraction (DPE) system at the Site.

Groundwater Monitoring Results: Monitoring results and DPE system operations indicate that site impacts are under control and groundwater quality is being effectively managed. The plume is stable to decreasing in size and mass and is adequately characterized by the monitoring well network. Overall hydrocarbon concentration trends in groundwater are relatively stable to decreasing. The highest petroleum hydrocarbon concentrations continue to be located in the

southwest portion of the Site adjacent to the tank farm where active remediation is taking place. Groundwater flow directions and gradients were consistent with previous events.

Remedial Activities: Active petroleum hydrocarbon mitigation at the Site is conducted with the onsite DPE system. Operation of the system to date has resulted in the removal of approximately 48,000 pounds of petroleum hydrocarbons by soil vapor extraction and approximately 3,680 pounds of dissolved petroleum hydrocarbons from groundwater.

Recommendations and Proposed Activities:

- Continue semi-annual groundwater monitoring and sampling to evaluate petroleum hydrocarbon trends and remedial system effectiveness in compliance with the MRP.
- Continue regular O&M activities for the DPE system.
- Continue DPE system evaluation to optimize performance and product recovery and develop system optimization recommendations.
- Prepare work plan for a two-phase evaluation of soil and groundwater conditions and optimization of the DPE system.

COMPLETED WORK SUMMARY

A summary of activities conducted during this reporting period (fourth quarter 2010 through third quarter 2011) is provided below.

- Depth-to-groundwater and separate phase hydrocarbon (SPH) thickness (if present) were measured and monitoring wells were sampled semiannually during the first and third quarters 2011 (Table 1 through Table 3) in coordination with surrounding sites (Appendix C). Well construction details are provided in Appendix D. Historical groundwater gradient data is provided in Table 4. Historical analytical data is provided in Appendix E and Appendix F.
- Stantec performed regular O&M activities at the onsite DPE system throughout this reporting period (Appendix G).

GROUNDWATER RESULTS

In compliance with the MRP, wells are gauged and sampled during first and third quarters and reporting is semi-annual. A summary of wells gauged and sampled during third quarter 2011 is included in Table 1. Laboratory analytical reports and field data sheets for third quarter 2011 are provided in Appendix H.

GROUNDWATER GRADIENT

A-zone and B-zone wells were monitored for depth-to-groundwater and the presence of SPH during first and third quarter 2011 (Table 2 and Table 4, and Appendix E). Groundwater elevations,

gradients, and flow directions were consistent with historical data. Sacramento River stage-height variations influence groundwater elevations beneath the Site (Appendix J). Groundwater elevation contour maps of the A- and B-zones for first and third quarter 2011 are included as Figure 1 and Figure 2 of Appendix K and Appendix L, respectively.

The highest groundwater elevations in both the A- and B- zones were generally encountered during first quarter. A summary of the hydrologic data for 2011 is provided in the table below.

	Number of Wells Monitored	DTW Range (feet btoc)	GW Elev. Range (feet msl)	Hydraulic Gradient (feet/foot)	GW Flow Direction
A Zone					
First Quarter 2011 (Jan 10, 2011)	26	22.71 to 32.44	7.43 to 14.09	0.005 to 0.024	Variable, NW to SW
Third Quarter 2011 (July 11, 2011)	26	23.17 to 30.53	7.90 to 12.71	0.005 to 0.012	Variable NE to SE
B Zone					
First Quarter 2011 (Jan 10, 2011)	7	25.19 to 31.45	8.55 to 10.35	0.003	SW
Third Quarter 2011 (July 11, 2011)	7	28.69 to 33.16	6.85 to 8.22	0.004	NE to SE

DTW = Depth to Water
GW= Groundwater
btoc = below top of casing
msl = mean sea level

Note: Wells are monitored semiannually during first and third quarters.

SPH MONITORING RESULTS

Measurable SPH was encountered during the first quarter sampling event in well MW-09A (0.02 feet). Because of the presence of measurable SPH (at least 0.01 feet thick), a groundwater sample was not collected from this well. SPH thickness in well MW-09A was reduced from third quarter 2010 (0.04 feet). SPH sheen was observed in wells MW-08A, MW-11A, and MW-12A during first quarter 2011 and the wells were sampled.

Neither measurable SPH nor SPH sheen were encountered during third quarter 2011.

The history of reportable SPH and a former SPH recovery system are described in Appendix B. Recent and historical SPH data are recorded in Table 2 and Appendix E. Plots of SPH thickness and groundwater elevation versus time in select wells are provided in Appendix I.

ANALYTICAL PROGRAM

Sampling was performed in accordance with the MRP and Stantec's *Standard Procedures* (Appendix A and Appendix L, respectively). Results of the quality assurance/quality control sampling for third quarter 2011 are described in Appendix H. Groundwater analytical data are presented in Table 2 and Table 3, and in Appendix E and Appendix F.

Beginning first quarter 2011, the MRP required results between the method detection limit (MDL) and method reporting limit (MRL) be reported as trace levels. In the tables, these results are flagged with a 'J' indicating that they should be considered an estimate.

Appendix Table H-1 provides an overview of groundwater quality and cleanup progress by comparing groundwater analytical results with water quality objectives (WQOs). The table also presents average, median, and maximum detected analyte concentrations. Time plots of selected wells displaying groundwater elevations and concentrations of total petroleum hydrocarbons as gasoline (TPHg), benzene, and methyl tertiary butyl ether (MTBE) are included in Appendix I.

GROUNDWATER QUALITY DATA – A-ZONE

A-zone TPHg, total petroleum hydrocarbons as diesel (TPHd), benzene, and MTBE isoconcentration maps for first and third quarter 2011 are provided as Figure 3 through Figure 6 of Appendix K and Appendix L, respectively. Historical TPHg, benzene, and MTBE concentration versus time plots for selected wells are included in Appendix J. Groundwater analytical data are summarized below.

Third Quarter 2011

Groundwater samples were collected from 26 A-zone wells during third quarter 2011. Analyte concentrations in the A-zone were generally decreased or within historical ranges. As shown in Appendix Table H-1, over 65 percent of A-zone monitoring wells exhibited analyte concentrations that met WQOs for respective COCs. No di-isopropyl ether (DIPE) was detected above MRLs.

GROUNDWATER QUALITY DATA – B-ZONE

Analyte concentrations in the B-zone were decreased or within historical ranges during 2011. B-zone TPHg, TPHd, benzene, and MTBE isoconcentration maps for first and third quarters 2011 are provided as Figure 7 through Figure 10 of Appendix K and Appendix L, respectively. Groundwater analytical data are summarized below.

Third Quarter 2011

Groundwater samples were collected from seven (7) B-zone wells. TPHg, TPHd, benzene, toluene, ethylbenzene, and xylenes were not detected above MRLs and/or WQOs. MTBE was only reported above WQOs in two wells (MW-08B and MW-22B). As shown in Appendix Table H-1, over 71 percent of B-zone monitoring wells exhibited analyte concentrations that met WQOs for respective analytes (Table 2).

A-Zone Annual Chemical Concentration Trends

During 2011, groundwater samples were collected from 26 A-zone monitoring wells. Analyte concentrations in the A-zone were generally decreased or within historical ranges during 2011. As a result of remediation activities and natural attenuation processes, maximum 2011 TPHg, TPHd, and TBA concentrations decreased over 83 percent from their historical maximums as shown below.

Analyte	WQOs (µg/L)	Maximum Historical Concentration (Well / Year)	Maximum 2011 Concentration (Well / Quarter)	Percent Decrease
TPHg	5	1,300,000 (MW-14A / 2001)	69,000 (MW-09A / 1Q11)	95
TPHd	100	3,700,000 (MW-11A / 2008)	400,000 (MW-12A / 3Q11)	89
MTBE	5	6,900 (MW-08A / 2004)	3,800 (MW-11A / 3Q11)	45
Benzene	1.0	24,000 (MW-20T / 1994)	15,000 (MW-20T / 1Q11)	38
Toluene	150	24,000 (MW-20T / 1994)	5,300 (MW-20T / 1Q11)	78
Ethylbenzene	300	6,100 (MW-14A / 2008)	2,700 (MW-14A / 1Q11)	56
Xylenes	1,750	24,000 (MW-14A / 2009)	9,200 (MW-14A / 1Q11)	62
TBA	12	8,700 (MW-08A / 2001)	1,500 (MW-08A / 1Q11)	83

B-Zone Annual Chemical Concentration Trends

During 2011, groundwater samples were collected from seven (7) B-zone monitoring wells. Analyte concentrations in the B-zone were generally decreased or within historical ranges during 2011. As shown below, maximum 2011 analyte concentrations have decreased over 79 percent from their historical maximums.

Analyte	WQOs (µg/L)	Maximum Historical Concentration (Well / Year)	Maximum 2011 Concentration (Well / Quarter)	Percent Decrease
TPHg	5	1,400 (MW-08B / 2008)	90 (MW-23B – 1Q11)	94
TPHd	100	5,000 (MW-08B / 2008)	120 (MW-08B – 1Q11)	98
MTBE	5	220 (MW-08B / 2004)	40 (MW-08B – 1Q11)	82
Benzene	1.0	27 (MW-08B / 2008)	5.1 (MW-23B – 1Q11)	81
Toluene	150	**9.8** (MW-08B / 2008)	**0.58** (MW-23B – 1Q11)	94
Ethylbenzene	300	**19** (MW-08B / 1994)	**3.9** (MW-23B – 1Q11)	79
Xylenes	1,750	**46** (MW-08B / 1994)	**7.9** (MW-23B – 1Q11)	83
Bold Concentrations Below WQOs				

REMEDIATION RESULTS

Hydrocarbon impacted soil and groundwater are being remediated with the onsite DPE system. Regular monthly O&M visits to the DPE system were conducted during fourth quarter 2010 and the first three quarters of 2011. The history of the operation and evaluation of the DPE system, along with monthly evaluation data and field data sheets are included in Appendix G. DPE system

operational and analytical data are presented in Appendix Table G-1 through Table G-7. Illustrations of vapor and groundwater influent concentrations and mass removal versus time are shown on Appendix Figure G-1 through Figure G-4. The system is currently operational.

SOIL VAPOR EXTRACTION COMPONENT OF SYSTEM

The table below summarizes operational information and mass removal during this reporting period.

Period	Operational Time (Hours)	Run Time (%)	TPHg Removed (pounds/gallons)	Benzene Removed (pounds/gallons)	MTBE Removed (pounds/gallons)
Fourth Quarter 2010 (Sep 28 to Dec 31)	1,741	80	1,487 / 244	23 / 3.2	0.55 / 0.09
First Quarter 2011 (Dec 31 to Apr 1)	1,801	82	1,094 / 179	17.5 / 2.4	0.54 / 0.09
Second Quarter 2011 (Apr 1 to Jun 30)	1,607	74	590 / 97	10.2 / 1.7	0.48 / 0.08
Third Quarter 2011 (Jun 30 to Sep 29)	1,437	66	343 / 56	4.1 / 0.7	0.26 / 0.04
Total Operation (Jan 2003 to Sep 29, 2011)	**39,420**	**---**	**47,069 / 7,716**	**640 / 87**	**85 / 14**

System run times were reduced due to the following conditions: the system was down during second and third quarter 2011 due to a power failure, holding tank high-high water alarms, and an overload fault.

GROUNDWATER EXTRACTION COMPONENT OF SYSTEM

In the table below, the volume treated represents the amount of water extracted by the DPE plus the amount of purge water (from groundwater sampling events) that was treated by the DPE system prior to discharge to the sewer under permit. The table below also summarizes the estimated quantity of hydrocarbons removed from groundwater.

Period	Volume Treated (gallons)	TPHg Removed (pounds/gallons)	TPHd Removed (pounds/gallons)	Benzene Removed (pounds/gallons)	MTBE Removed (pounds/gallons)
Fourth Quarter 2010 (Oct 1 to Dec 31)	35,175	2.1 / 0.34	453 / 74	0.001 / 0.0002	0.004 / 0.0006
First Quarter 2011 (Dec 31 to Apr 1)	65,876	0.54 / 0.09	154 / 25	0.004 / 0.001	0.007 / 0.001
Second Quarter 2011 (Apr 1 to Jun 30)	106,324	1.01 / 0.17	22.5 / 3.7	0.002 / 0.0003	0.01 / 0.001
Third Quarter 2011 (Jun 30 to Sep 29)	27,551	0.13 / 0.02	4.9 / 0.8	0.0003 / 0.00004	0.001 / 0.0002
Total Operation (Jan 2003 to Sep 29, 2011)	**721,046**	**115 / 19**	**3,561 / 496**	**0.86 / 0.12**	**0.32 / 0.05**

CONCLUSIONS

Stantec effectively operates an onsite DPE system at the Site. This system has removed considerable contaminant mass from the vadose zone and groundwater. Ongoing O&M visits and

system performance evaluations indicate that while effective, DPE system operation may potentially be optimized further to expedite site mitigation.

Overall trends of hydrocarbon concentrations in A- and B-zone groundwater wells appear relatively stable to decreasing. Measurable SPH was observed in one well during the first quarter monitoring event; however, neither measurable SPH nor SPH sheen were observed during third quarter. The presence of SPH has significantly declined over time. To date, operation of the DPE system has removed an estimated 50,830 pounds of petroleum hydrocarbons from soil vapor and groundwater.

The highest concentrations of dissolved hydrocarbons within the A-zone continued to be located in the southwest portion of the facility adjacent to the tank farm where active remediation is taking place. Plume geometry is stable to decreasing and the existing well network adequately defines the extent of the plume. Groundwater flow directions and gradients were consistent with previous events.

RECOMMENDATIONS AND PROPOSED ACTIVITIES

Based on the results from site monitoring and remediation activities, Stantec recommends the following activities:

- Continue semi-annual groundwater monitoring and sampling to evaluate petroleum hydrocarbon trends and remedial system effectiveness in compliance with the MRP.
- Continue regular O&M activities associated with the DPE system.
- Continue DPE system evaluation to optimize performance and product recovery and develop system optimization recommendations.
- Prepare a work plan for a two-phase evaluation of soil and groundwater conditions and optimization of the DPE system.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the Site. It was prepared for the exclusive use of TARP for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the Site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Reference: 2011 ANNUAL SITE STATUS, GROUNDWATER MONITORING AND REMEDIAL SUMMARY REPORT - TESORO ARCO REMEDIATION PROGRAM (TARP)

Should you have any questions or concerns regarding these activities, please feel free to contact Todd Brown at (916) 861-0400, ext. 233.

Sincerely,

STANTEC CONSULTING CORPORATION

Sandra Pimienta

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Attachments

c. Mr. Jeff Baker, Tesoro
Ms. Katherine Schenderlein, Buckeye Terminals, LLC.

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Note: Appendices are included in the electronic version of the report located on the attached CD.

Tables

Table 1
Monitoring and Sampling Plan
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well I.D.	MRP No. R5-2010-0830								Work Completed Third Quarter 2011		Comments
	1st QTR		2nd QTR		3rd QTR		4th QTR				
	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	
TARP A-Zone Wells											
MW-01A	1	1	0	0	1	1	0	0	1	1	
MW-02A	1	1	0	0	1	1	0	0	1	1	
MW-03A	1	1	0	0	1	1	0	0	1	1	
MW-04A	1	1	0	0	1	1	0	0	1	1	
MW-06A	1	1	0	0	1	1	0	0	1	1	
MW-07A	1	1	0	0	1	1	0	0	1	1	
MW-08A	1	1	0	0	1	1	0	0	1	1	
MW-09A	1	1	0	0	1	1	0	0	1	1	
MW-10A	1	1	0	0	1	1	0	0	1	1	
MW-11A	1	1	0	0	1	1	0	0	1	1	
MW-12A	1	1	0	0	1	1	0	0	1	1	
MW-13A	1	1	0	0	1	1	0	0	1	1	QCDup-2A
MW-14A	1	1	0	0	1	1	0	0	1	1	
MW-15A	1	1	0	0	1	1	0	0	1	1	
MW-16A	1	1	0	0	1	1	0	0	1	1	
MW-17A	1	1	0	0	1	1	0	0	1	1	
MW-18A	1	1	0	0	1	1	0	0	1	1	
MW-19A	1	1	0	0	1	1	0	0	1	1	
MW-20A	1	1	0	0	1	1	0	0	1	1	
MW-20T	1	1	0	0	1	1	0	0	1	1	
MW-21A	1	1	0	0	1	1	0	0	1	1	
MW-22A	1	1	0	0	1	1	0	0	1	1	
MW-23A	1	1	0	0	1	1	0	0	1	1	
MW-24A	1	1	0	0	1	1	0	0	1	1	
MW-26T	1	1	0	0	1	1	0	0	1	1	
MW-27T	1	1	0	0	1	1	0	0	1	1	
	26	**26**	**0**	**0**	**26**	**26**	**0**	**0**	**26**	**26**	

Table 1
Monitoring and Sampling Plan
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well I.D.	MRP No. R5-2010-0830								Work Completed Third Quarter 2011		Comments
	1st QTR		2nd QTR		3rd QTR		4th QTR				
	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	Monitor DTW	Sample	
TARP B-Zone Wells											
MW-01B	1	1	0	0	1	1	0	0	1	1	
MW-03B	1	1	0	0	1	1	0	0	1	1	
MW-07B	1	1	0	0	1	1	0	0	1	1	
MW-08B	1	1	0	0	1	1	0	0	1	1	
MW-22B	1	1	0	0	1	1	0	0	1	1	
MW-23B	1	1	0	0	1	1	0	0	1	1	
MW-24B	1	1	0	0	1	1	0	0	1	1	
	7	**7**	**0**	**0**	**7**	**7**	**0**	**0**	**7**	**7**	

Explanations:

DTW = Depth to Water QTR = Quarter MRP = Monitoring and Reporting Program

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comments
TARP A-Zone Data													
MW-01A	01/11/10	32.79	4.84	0.00	01/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-01A	04/12/10	30.81	6.82	0.00	04/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-01A	07/12/10	31.25	6.23	0.00	07/14/10	<50	<50	<0.50	<0.50	<0.50	<0.50	0.54	
MW-01A	01/10/11	26.28	11.20	0.00	01/11/11	<50	31 J[22]	0.26 J	<0.50	<0.50	<0.50	<0.50	
MW-01A	07/11/11	26.81	10.67	0.00	07/14/11	<50	34 J	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-02A	01/11/10	32.34	4.26	0.00	01/11/10	--	--	--	--	--	--	--	A (3)
MW-02A	04/12/10	30.87	5.73	0.00	04/12/10	--	--	--	--	--	--	--	A (3)
MW-02A	07/12/10	30.88	5.57	0.00	07/14/10	<50	<50	<0.50	<0.50	<0.50	<0.50	1.6	
MW-02A	01/10/11	23.36	13.09	0.00	01/11/11	<50	50 [22]	0.28 J	<0.50	<0.50	<0.50	<0.50	
MW-02A	07/11/11	26.84	9.61	0.00	07/14/11	<50	42 J	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-03A	01/11/10	32.06	3.61	0.00	01/11/10	--	--	--	--	--	--	--	A (3)
MW-03A	04/12/10	31.14	4.53	0.00	04/12/10	--	--	--	--	--	--	--	A (3)
MW-03A	07/12/10	30.45	5.10	0.00	07/14/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-03A	01/10/11	22.71	12.84	0.00	01/11/11	<50	170 [22]	<0.50	<0.50	<0.50	<0.50	14	
MW-03A	07/11/11	27.65	7.90	0.00	07/14/11	<50	47 J	<0.50	<0.50	<0.50	<0.50	1.1	
MW-04A	01/11/10	32.45	5.61	0.00	01/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-04A	04/12/10	31.17	6.89	0.00	04/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-04A	07/12/10	31.90	5.96	0.00	07/14/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-04A	01/10/11	23.77	14.09	0.00	01/11/11	<50	<50 [22]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-04A	07/11/11	27.44	10.42	0.00	07/14/11	<50	30 J	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-06A	01/11/10	31.27	5.20	0.00	01/11/10	--	--	--	--	--	--	--	A (3)
MW-06A	04/12/10	29.06	7.41	0.00	04/12/10	--	--	--	--	--	--	--	A (3)
MW-06A	07/12/10	29.55	6.77	0.00	07/14/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-06A	01/10/11	26.39	9.93	0.00	01/10/11	<50	25 J[22]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-06A	07/11/11	26.29	10.03	0.00	07/13/11	<50	42 J	<0.50	<0.50	<0.50	<0.50	0.43 J	
MW-07A	01/11/10	32.71	5.39	0.00	01/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-07A	04/12/10	30.75	7.35	0.00	04/13/10	<50	53 [13]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-07A	07/12/10	31.28	5.86	0.00	07/14/10	<50	55 [13]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-07A	01/10/11	24.06	13.08	0.00	01/11/11	<50	25 J[22]	0.18 J	<0.50	<0.50	<0.50	<0.50	
MW-07A	07/11/11	28.04	9.10	0.00	07/14/11	<50	36 J	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comments
MW-08A	01/11/10	32.94	3.59	0.00	01/14/10	51,000	57,000	11,000	300	690	2,700	2,300	
MW-08A	04/12/10	29.64	6.89	0.00	04/14/10	33,000	<8,000 [6]	13,000	240	540	700	1,700	
MW-08A	07/12/10	29.13	7.34	0.00	07/15/10	11,000	9,500	4,000	74	160	420	460	
MW-08A	01/10/11	28.03	8.44	Sheen	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH Sheen.
MW-08A	02/11/11	35.25	1.22	0.00	02/11/11	44,000	<10,000 [6]	13,000	220	840	1,500	470	
MW-08A	07/11/11	25.85	10.62	0.00	07/14/11	6,800	42,000	2,000	40	140	160	300	
MW-09A	01/11/10	33.84	5.18	0.33	01/11/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	04/12/10	31.83	7.19	0.54	04/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	07/12/10	32.12	6.72	0.04	07/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	01/10/11	29.05	9.79	0.02	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	02/11/11	31.38	7.46	0.71	02/11/11	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	07/11/11	28.60	10.24	0.00	07/14/11	69,000	45,000	2,800	160	850	5,000	170	
MW-10A	01/11/10	32.65	5.36	0.00	01/14/10	160	3,400	23	<0.50	<0.50	<0.50	8.8	
MW-10A	04/12/10	29.34	8.67	0.00	04/12/10	--	--	--	--	--	--	--	SA (1,3)
MW-10A	07/12/10	30.31	7.65	0.00	07/15/10	1,000	4,100	320	3.9	6.6	1.8	0.62	
MW-10A	01/10/11	28.23	9.73	0.00	01/12/11	2,300	4,100 [22]	660	7.2	5.5	3.2	5.7	
MW-10A	07/11/11	25.68	12.28	0.00	07/14/11	85 [23]	950	1.6	<0.50	<0.50	<0.50	<0.50	
MW-11A	01/11/10	29.48	8.38	0.00	01/14/10	52,000	38,000	3,600	1,100	1,300	7,200	160	
MW-11A	04/12/10	29.19	8.67	0.00	04/14/10	45,000	140,000	4,200	250	740	5,400	1,100	
MW-11A	07/12/10	31.60	6.04	0.00	07/15/10	75,000	600,000	5,900	2,000	1,800	9,900	2,100	
MW-11A	01/10/11	30.21	7.43	Sheen	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH Sheen.
MW-11A	02/11/11	36.40	1.24	0.00	02/11/11	43,000	190,000	9,200	240	840	3,600	760	
MW-11A	07/11/11	26.85	10.79	0.00	07/14/11	62,000	95,000	13,000	1,800	1,900	8,100	3,800	
MW-12A	01/11/10	32.13	5.75	Sheen	01/14/10	56,000	26,000	2,600	1,200	1,200	4,400	230	
MW-12A	04/12/10	30.55	7.33	0.02	04/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-12A	07/12/10	30.96	6.96	0.01	07/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-12A	01/10/11	27.36	10.56	Sheen	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH Sheen.
MW-12A	02/11/11	34.61	3.31	0.00	02/11/11	14,000	13,000	2,100	68	160	510	91	SA (1,3)
MW-12A	07/11/11	29.72	8.20	0.00	07/14/11	48,000	400,000	4,000	270	1,000	3,000	180	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)	Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)		Comments
MW-13A	01/11/10	30.09	6.43	0.00	01/14/10	<50		490		0.53		<0.50	<0.50		<0.50	6.7		
MW-13A	01/11/10	--	--	--	01/14/10	<50		470		<0.50		<0.50	<0.50		<0.50	7.1		QCDup-2A
MW-13A	04/12/10	29.06	7.46	0.00	04/14/10	86		240		2.3		<0.50	1.6		<0.50	8.2		
MW-13A	04/12/10	--	--	--	04/14/10	150		240		3.9		<0.50	2.8		<0.50	9.5		QCDup-2A
MW-13A	07/12/10	28.53	7.87	0.00	07/15/10	<50		400	13,14	2.3		<0.50	<0.50		<0.50	5.7		
MW-13A	07/12/10	--	--	--	07/15/10	<50		370	13,14	2.0		<0.50	<0.50		<0.50	6.4		QCDup-2A
MW-13A	01/10/11	28.19	8.21	0.00	01/12/11	47	J	700	22	0.25	J	<0.50	<0.50		<0.50	7.9		
MW-13A	01/10/11	--	--	--	01/12/11	44	J	460	22	<0.50		<0.50	<0.50		<0.50	8.1		QCDup-2A
MW-13A	07/11/11	25.00	11.40	0.00	07/14/11	42	J	740	13, 22	0.15	J	<0.50	<0.50		<0.50	1.3		
MW-13A	07/11/11	--	--	--	07/14/11	45	J[23]	840	13, 22	<0.50		<0.50	<0.50		<0.50	0.97		QCDup-2A
MW-14A	01/11/10	29.46	6.57	0.00	01/14/10	130,000		<100,000	6	13,000		2,600	4,100		15,000	230		
MW-14A	04/12/10	27.67	8.36	0.00	04/14/10	96,000		<40,000	6	14,000		3,400	3,500		13,000	170		
MW-14A	07/12/10	27.66	8.22	0.00	07/15/10	70,000		<12,000	6	14,000		4,900	2,500		8,900	270		
MW-14A	01/10/11	26.70	9.18	0.00	01/12/11	69,000		<8,000	22	12,000		3,700	2,700		9,200	140		
MW-14A	07/11/11	23.17	12.71	0.00	07/14/11	9,900		<15,000	6	710		120	210		820	1.6		
MW-15A	01/11/10	--	--	--	01/11/10	--		--		--		--	--		--	--		A (3), Inaccessible.
MW-15A	04/12/10	--	--	--	04/12/10	--		--		--		--	--		--	--		A (3), Inaccessible.
MW-15A	07/12/10	28.67	10.42	0.00	07/13/10	880		1,100		1.0		1.0	2.7		2.5	<0.50		18
MW-15A	01/10/11	27.47	11.62	0.00	01/12/11	160		130	22	0.68		<0.50	0.23	J	<0.50	<0.50		
MW-15A	07/12/11	26.71	12.38	0.00	07/13/11	130		220		0.36	J	<0.50	0.40	J	<0.50	<0.50		
MW-16A	01/11/10	33.29	5.18	0.00	01/14/10	<50		100		<0.50		<0.50	<0.50		<0.50	<0.50		
MW-16A	04/12/10	30.76	7.71	0.00	04/14/10	120		<300	6	<0.50		<0.50	<0.50		<0.50	<0.50		
MW-16A	07/12/10	31.51	6.98	0.00	07/15/10	<50		140		<0.50		<0.50	<0.50		<0.50	<0.50		
MW-16A	01/10/11	26.04	12.45	0.00	01/12/11	42	J	81	22	0.22	J	<0.50	<0.50		<0.50	1.4		
MW-16A	07/11/11	26.28	12.21	0.00	07/14/11	24	J	59		<0.50		<0.50	<0.50		<0.50	<0.50		
MW-17A	01/11/10	33.50	4.78	0.00	01/11/10	--		--		--		--	--		--	--		A (3)
MW-17A	04/12/10	31.66	6.62	0.00	04/12/10	--		--		--		--	--		--	--		A (3)
MW-17A	07/12/10	31.70	6.59	0.00	07/13/10	<50		<50		<0.50		<0.50	<0.50		<0.50	<0.50		
MW-17A	01/10/11	29.12	9.17	0.00	01/12/11	<50		69	22	<0.50		<0.50	<0.50		<0.50	0.16	J	
MW-17A	07/11/11	26.00	12.29	0.00	07/14/11	<50		32	J	<0.50		<0.50	<0.50		<0.50	<0.50		

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)		Comments
MW-18A	01/11/10	31.43	5.54	0.00	01/13/10	<50		<50		<0.50		<0.50	<0.50	<0.50	<0.50		
MW-18A	04/12/10	28.41	8.56	0.00	04/13/10	<50		<50		<0.50		<0.50	<0.50	<0.50	<0.50		
MW-18A	07/12/10	28.08	8.88	0.00	07/13/10	64		<50		0.81		1.5	1.4	6.8	<0.50		
MW-18A	01/10/11	27.70	9.26	0.00	01/12/11	<50		41	J[22]	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-18A	07/11/11	24.73	12.23	0.00	07/14/11	<50		95	[14]	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-19A	01/11/10	35.23	4.40	0.00	01/13/10	<50		300	[13]	<0.50		<0.50	<0.50	<0.50	6.0		
MW-19A	04/12/10	33.63	6.00	0.00	04/13/10	58		260	[13]	0.77		<0.50	<0.50	0.51	1.6		
MW-19A	07/12/10	33.65	5.97	0.00	07/13/10	<50		250	[13]	<0.50		<0.50	<0.50	0.79	2.8		
MW-19A	01/10/11	27.45	12.17	0.00	01/12/11	<50		49	J[22]	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-19A	07/11/11	27.43	12.19	0.00	07/14/11	<50		27	J	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-20A	01/11/10	35.34	4.04	0.00	01/13/10	4,300		1,900		390		9.7	4.7	8.4	<0.50		
MW-20A	04/12/10	33.55	5.83	0.00	04/13/10	5,300		870		290		11	26	10	<0.90		
MW-20A	07/12/10	33.59	5.77	0.00	07/13/10	4,600		<800	[6]	300		12	25	9.7	<0.90		
MW-20A	01/10/11	29.95	9.41	0.00	01/12/11	4,400		<1,500	[22]	290		10	4.1	9.3	<0.90		
MW-20A	07/12/11	30.53	8.83	0.00	07/13/11	4,100		<1,000	[6]	220		10	40	15	<0.50		
MW-20T	01/11/10	28.12	8.27	0.00	01/11/10	--		--		--		--	--	--	--		A (3)
MW-20T	04/12/10	28.30	8.09	0.00	04/12/10	--		--		--		--	--	--	--		A (3)
MW-20T	07/12/10	27.72	8.50	0.00	07/13/10	47,000		<6,000	[6]	16,000		4,500	1,400	4,400	25		
MW-20T	01/10/11	27.27	8.95	0.00	01/12/11	48,000		<10,000	[22]	15,000		5,300	1,100	3,200	14	J	
MW-20T	07/11/11	24.71	11.51	0.00	07/14/11	10,000		<1,000	[6]	1,800		76	500	540	1.9	J	
MW-21A	01/11/10	32.55	5.39	0.00	01/12/10	<50		<50		<0.50		<0.50	<0.50	<0.50	<0.50		
MW-21A	04/12/10	30.91	7.03	0.00	04/13/10	<50		<50		<0.50		<0.50	<0.50	<0.50	<0.50		
MW-21A	07/12/10	31.04	6.90	0.00	07/13/10	<50		<50		0.70		1.2	0.74	3.4	<0.50		
MW-21A	01/10/11	29.10	8.84	0.00	01/12/11	36	J	29	J[22]	1.4		<0.50	0.96	1.4	<0.50		
MW-21A	07/11/11	27.83	10.11	0.00	07/14/11	<50		40	J	0.39	J	<0.50	<0.50	<0.50	<0.50		
MW-22A	01/11/10	35.02	3.99	0.00	01/13/10	<50		64	[13]	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-22A	04/12/10	33.32	5.69	0.00	04/13/10	<50		<50		<0.50		<0.50	<0.50	<0.50	<0.50		
MW-22A	07/12/10	33.29	5.60	0.00	07/13/10	<50		<50		<0.50		<0.50	<0.50	0.74	<0.50		
MW-22A	01/10/11	28.80	10.09	0.00	01/12/11	<50		34	J[22]	<0.50		<0.50	<0.50	<0.50	<0.50		
MW-22A	07/11/11	28.30	10.59	0.00	07/14/11	<50		41	J	<0.50		<0.50	<0.50	<0.50	<0.50		

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)		Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)		Comments
MW-23A	01/11/10	34.18	4.34	0.00	01/11/10	--		--		--		--		--	--	--		A (3)
MW-23A	04/12/10	32.12	6.40	0.00	04/12/10	--		--		--		--		--	--	--		A (3)
MW-23A	07/12/10	32.70	5.78	0.00	07/13/10	<50		<50		<0.50		0.72		0.67	2.7	<0.50		
MW-23A	01/10/11	24.55	13.93	0.00	01/12/11	<50		23	J[22]	<0.50		<0.50		<0.50	<0.50	<0.50		
MW-23A	07/11/11	27.85	10.63	0.00	07/14/11	<50		30	J	<0.50		<0.50		<0.50	<0.50	<0.50		
MW-24A	01/11/10	36.46	4.04	0.00	01/11/10	--		--		--		--		--	--	--		A (3)
MW-24A	04/12/10	34.83	5.67	0.00	04/12/10	--		--		--		--		--	--	--		A (3)
MW-24A	07/12/10	34.81	5.90	0.00	07/13/10	<50		<50		<0.50		<0.50		<0.50	0.83	<0.50		
MW-24A	01/10/11	32.44	8.27	0.00	01/12/11	36	J	80	[22]	1.5		0.21	J	1.4	3.2	<0.50		
MW-24A	07/11/11	29.34	11.37	0.00	07/14/11	<50		30	J	<0.50		<0.50		<0.50	<0.50	<0.50		
MW-26T	01/11/10	32.03	5.96	0.00	01/14/10	<50		<50		<0.50		<0.50		<0.50	<0.50	38		
MW-26T	04/12/10	30.11	7.88	0.00	04/14/10	<50		<50		<0.50		<0.50		<0.50	<0.50	3.3		
MW-26T	07/12/10	30.66	7.30	0.00	07/15/10	<50		<50		<0.50		<0.50		<0.50	<0.50	8.9		
MW-26T	01/10/11	24.29	13.67	0.00	01/12/11	<50		29	J[22]	0.15	J	<0.50		<0.50	<0.50	36		
MW-26T	07/11/11	26.94	11.02	0.00	07/14/11	<50		32	J	<0.50		<0.50		<0.50	<0.50	1.2		
MW-27T	01/11/10	32.53	5.67	0.00	01/11/10	--		--		--		--		--	--	--		A (3)
MW-27T	04/12/10	31.46	6.74	0.00	04/14/10	<50		<50		<0.50		<0.50		<0.50	<0.50	<0.50		
MW-27T	07/12/10	31.80	6.42	0.00	07/14/10	<50		50		<0.50		<0.50		<0.50	<0.50	<0.50		
MW-27T	01/10/11	24.45	13.77	0.00	01/11/11	<50		37	J[22]	<0.50		<0.50		<0.50	<0.50	<0.50		
MW-27T	07/11/11	28.87	9.35	0.00	07/14/11	<50		40	J	<0.50		<0.50		<0.50	<0.50	<0.50		
TARP B-Zone Data																		
MW-01B	01/11/10	33.80	3.62	0.00	01/11/10	--		--		--		--		--	--	--		A (3)
MW-01B	04/12/10	32.07	5.35	0.00	04/12/10	--		--		--		--		--	--	--		A (3)
MW-01B	07/12/10	31.90	5.35	0.00	07/14/10	<50		<50		<0.50		<0.50		<0.50	<0.50	0.63		
MW-01B	01/10/11	27.90	9.35	0.00	01/11/11	<50		<50	[22]	0.16	J	<0.50		<0.50	<0.50	0.26	J	
MW-01B	07/11/11	29.97	7.28	0.00	07/14/11	<50		37	J	<0.50		<0.50		<0.50	<0.50	0.44	J	
MW-03B	01/11/10	32.44	3.23	0.00	01/13/10	<50		<50		<0.50		<0.50		<0.50	<0.50	<0.50		
MW-03B	04/12/10	31.04	4.63	0.00	04/12/10	--		--		--		--		--	--	--		SA (1,3)
MW-03B	07/12/10	30.49	5.05	0.00	07/14/10	<50		<50		<0.50		<0.50		<0.50	<0.50	<0.50		
MW-03B	01/10/11	25.19	10.35	0.00	01/11/11	<50		24	J[22]	0.41	J	0.20	J	<0.50	<0.50	<0.50		
MW-03B	07/11/11	28.69	6.85	0.00	07/14/11	<50		24	J	<0.50		<0.50		<0.50	<0.50	<0.50		

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)		Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)	Comments
MW-07B	01/11/10	35.30	3.19	0.00	01/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-07B	04/12/10	33.52	4.97	0.00	04/12/10	--		--		--		--		--		--	--	SA (1,3)
MW-07B	07/12/10	33.03	5.41	0.00	07/14/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-07B	01/10/11	28.51	9.93	0.00	01/10/11	<50		24	J[22]	0.24	J	<0.50		<0.50		<0.50	2.3	
MW-07B	07/11/11	31.57	6.87	0.00	07/13/11	<50		44	J	<0.50		<0.50		<0.50		<0.50	1.2	
MW-08B	01/11/10	33.13	4.24	0.00	01/14/10	<50		78	[14]	<0.50		<0.50		<0.50		<0.50	43	
MW-08B	04/12/10	31.38	5.99	0.00	04/12/10	--		--		--		--		--		--	--	SA (1,3)
MW-08B	07/12/10	31.47	5.68	0.00	07/14/10	<50		97	[14]	<0.50		<0.50		<0.50		<0.50	38	
MW-08B	01/10/11	28.60	8.55	0.00	01/11/11	<50		120	[22]	0.50	J	0.18	J	0.14	J	<0.50	40	
MW-08B	07/11/11	29.23	7.92	0.00	07/14/11	<50		73	[13]	<0.50		<0.50		<0.50		<0.50	6.8	
MW-22B	01/11/10	35.18	3.73	0.00	01/11/10	--		--		--		--		--		--	--	A (3)
MW-22B	04/12/10	33.33	5.58	0.00	04/12/10	--		--		--		--		--		--	--	A (3)
MW-22B	07/12/10	33.42	5.59	0.00	07/13/10	<50		<50		<0.50		0.72		0.65		2.2	<0.50	
MW-22B	01/10/11	29.33	9.68	0.00	01/12/11	25	J	40	J[22]	0.46	J	<0.50		0.32	J	0.68	<0.50	
MW-22B	07/11/11	30.79	8.22	0.00	07/14/11	<50		62	[14, 22]	0.14	J	<0.50		0.19	J	<0.50	9.8	
MW-23B	01/11/10	34.91	3.64	0.00	01/12/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-23B	04/12/10	33.48	5.07	0.00	04/13/10	<50		<50		<0.50		<0.50		<0.50		0.57	<0.50	
MW-23B	07/12/10	33.18	5.34	0.00	07/13/10	61		<50		1.5		2.3		2.2		8.9	<0.50	
MW-23B	01/10/11	28.48	10.04	0.00	01/12/11	90		51	[22]	5.1		0.58		3.9		7.9	<0.50	
MW-23B	07/11/11	30.74	7.78	0.00	07/14/11	<50		49	J[22]	0.22	J	<0.50		<0.50		<0.50	<0.50	
MW-24B	01/11/10	36.94	3.81	0.00	01/13/10	<50		53	[14]	<0.50		<0.50		<0.50		<0.50	8.3	
MW-24B	04/12/10	35.24	5.51	0.00	04/12/10	--		--		--		--		--		--	--	SA (1,3)
MW-24B	07/12/10	34.98	5.46	0.00	07/13/10	<50		170	[14]	1.5		2.0		0.86		4.0	11	
MW-24B	01/10/11	31.45	8.99	0.00	01/12/11	26	J	58	[22]	0.90		<0.50		0.26	J	0.51	23	
MW-24B	07/11/11	33.16	7.28	0.00	07/14/11	<50		29	J	<0.50		<0.50		<0.50		<0.50	<0.50	
Quality Control Samples																		
QCEB	--	--	--	--	01/11/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
QCEB	--	--	--	--	04/12/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
QCEB	--	--	--	--	07/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
QCEB	--	--	--	--	01/10/11	<50		24	J[22]	<0.50		<0.50		<0.50		<0.50	<0.50	
QCEB	--	--	--	--	07/14/11	<50		30	J	<0.50		<0.50		<0.50		<0.50	<0.50	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comments
QCTB	--	--	--	--	01/11/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB	--	--	--	--	04/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB	--	--	--	--	07/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB	--	--	--	--	01/10/11	<50	<50	22	<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB	--	--	--	--	07/11/11	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	

Notes: Monitoring and sampling of entire well network switched to semi-annual during first and third quarters beginning in October 2010 per MRP R5-2010-0830.
Contents of this table are a subset of the historical table found in Appendix E; footnote numbering is the same as in Appendix E.

MSL = Mean Sea Level
ug/L = Micrograms per liter
SPH = Separate Phase Hydrocarbons
EPA = Environmental Protection Agency
QCEB = Equipment Blank
QCTB = Trip Blank
MDL = Method Detection Limit
MRL = Method Reporting Limit

MTBE = Methyl tertiary butyl ether by EPA Method 8260B
TPHg = Total petroleum hydrocarbons as gasoline by EPA Method 8260B
TPHd = Total petroleum hydrocarbons as diesel by EPA Method 8015M
BTEX = Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8260B
< = Not reported at or above indicated MRL
SA (1,3) = Sampled semi-annually during first and third quarter
A (3) = Sampled annually during third quarter
-- = Not applicable or no data available

J = Value reported between the MDL and MRL and should be considered an estimate.
6 = The Method Reporting Limit was increased due to interference from Gasoline-Range Hydrocarbons.
13 = Hydrocarbons are higher-boiling than typical Diesel Fuel.
14 = Discrete peaks in Diesel Range, atypical for Diesel Fuel.
18 = Well not resurveyed during site-wide resurvey performed in June 2010.
22 = The Method Blank associated with this sample contained trace TPHd at a concentration between the MDL and MRL.
23 = The Method Blank associated with this sample contained trace TPHg at a concentration between the MDL and MRL.

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
TARP A-Zone Data									
MW-01A	01/13/10	<0.50	--	--	--	--	--	--	
MW-01A	04/13/10	<0.50	--	--	--	--	--	--	
MW-01A	07/14/10	0.54	--	--	--	--	--	--	
MW-01A	01/11/11	<0.50	--	--	--	--	--	--	
MW-01A	07/14/11	<0.50	--	--	--	--	--	--	
MW-02A	01/11/10	--	--	--	--	--	--	--	A (3)
MW-02A	04/12/10	--	--	--	--	--	--	--	A (3)
MW-02A	07/14/10	1.6	--	--	--	--	--	--	
MW-02A	01/11/11	<0.50	--	--	--	--	--	--	
MW-02A	07/14/11	<0.50	--	--	--	--	--	--	
MW-03A	01/11/10	--	--	--	--	--	--	--	A (3)
MW-03A	04/12/10	--	--	--	--	--	--	--	A (3)
MW-03A	07/14/10	<0.50	--	--	--	--	--	--	
MW-03A	01/11/11	14	--	--	--	--	--	--	
MW-03A	07/14/11	1.1	--	--	--	--	--	--	
MW-04A	01/13/10	<0.50	--	--	--	--	--	--	
MW-04A	04/13/10	<0.50	--	--	--	--	--	--	
MW-04A	07/14/10	<0.50	--	--	--	--	--	--	
MW-04A	01/11/11	<0.50	--	--	--	--	--	--	
MW-04A	07/14/11	<0.50	--	--	--	--	--	--	
MW-06A	01/11/10	--	--	--	--	--	--	--	A (3)
MW-06A	04/12/10	--	--	--	--	--	--	--	A (3)
MW-06A	07/14/10	<0.50	--	--	--	--	--	--	
MW-06A	01/10/11	<0.50	--	--	--	--	--	--	
MW-06A	07/13/11	0.43 J	--	--	--	--	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-07A	01/13/10	<0.50	--	--	--	--	--	--	
MW-07A	04/13/10	<0.50	--	--	--	--	--	--	
MW-07A	07/14/10	<0.50	--	--	--	--	--	--	
MW-07A	01/11/11	<0.50	--	--	--	--	--	--	
MW-07A	07/14/11	<0.50	--	--	--	--	--	--	
MW-08A	01/14/10	2,300	<15	<15	<15	390	<2,500	<150	
MW-08A	04/14/10	1,700	<25	<25	<25	480	<3,000 [5]	<250	
MW-08A	07/15/10	460	<6.0	<6.0	<6.0	220	<800 [5]	<60	
MW-08A	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH Sheen.
MW-08A	02/11/11	470	<25	<25	<25	1,500	--	--	
MW-08A	07/14/11	300	<0.50	<0.50	2.1	290	--	--	
MW-09A	01/11/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	04/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	07/12/10	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH.
MW-09A	07/14/11	170	<0.50	<0.50	1.3	57	--	--	
MW-10A	01/14/10	8.8	--	--	<0.50	11	--	--	
MW-10A	04/12/10	--	--	--	--	--	--	--	SA (1,3)
MW-10A	07/15/10	0.62	--	--	<0.50	7.8	--	--	
MW-10A	01/12/11	5.7	--	--	0.35 J	21	--	--	
MW-10A	07/14/11	<0.50	--	--	<0.50	<5.0	--	--	
MW-11A	01/14/10	160	<15	<15	<15	<70	<1,500	<150	
MW-11A	04/14/10	1,100	<9.0	<9.0	<9.0	260	<2,000 [5]	<90	
MW-11A	07/15/10	2,100	<8.0	<8.0	<8.0	680	<3,000 [5]	<80	
MW-11A	01/10/11	--	--	--	--	--	--	--	Well not sampled due to SPH Sheen.
MW-11A	02/11/11	760	<15	<15	<15	1,200	--	--	
MW-11A	07/14/11	3,800	0.34 J	0.58	3.1	800	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)		TBA (ug/L)		Methanol (ug/L)		Ethanol (ug/L)	Comments
MW-12A	01/14/10	230	<7.0	<7.0	<7.0		310		<700		<70	
MW-12A	04/12/10	--	--	--	--		--		--		--	Well not sampled due to SPH.
MW-12A	07/12/10	--	--	--	--		--		--		--	Well not sampled due to SPH.
MW-12A	01/10/11	--	--	--	--		--		--		--	Well not sampled due to SPH Sheen.
MW-12A	02/11/11	91	<4.0	<4.0	<4.0		230		--		--	
MW-12A	07/14/11	180	<0.50	<0.50	0.28	J	170		--		--	
MW-13A	01/14/10	6.7	--	--	--		5.7		--		--	
MW-13A	01/14/10	7.1	--	--	--		<5.0		--		--	QCDup-2A
MW-13A	04/14/10	8.2	--	--	--		<5.0		--		--	
MW-13A	04/14/10	9.5	--	--	--		<5.0		--		--	QCDup-2A
MW-13A	07/15/10	5.7	--	--	--		7.7		--		--	
MW-13A	07/15/10	6.4	--	--	--		8.5		--		--	QCDup-2A
MW-13A	01/12/11	7.9	--	--	--		5.7		--		--	
MW-13A	01/12/11	8.1	--	--	--		6.0		--		--	QCDup-2A
MW-13A	07/14/11	1.3	--	--	--		3.0	J	--		--	
MW-13A	07/14/11	0.97	--	--	--		2.4	J	--		--	QCDup-2A
MW-14A	01/14/10	230	<25	<25	<25		210		<2,500		<250	
MW-14A	04/14/10	170	<25	<25	<25		280		<3,000	5	<250	
MW-14A	07/15/10	270	<25	<25	<25		350		<2,500		<250	
MW-14A	01/12/11	140	<25	<25	<25		160		--		--	
MW-14A	07/14/11	1.6	<1.5	<1.5	<1.5		15		--		--	
MW-15A	01/11/10	--	--	--	--		--		--		--	A (3), Inaccessible.
MW-15A	04/12/10	--	--	--	--		--		--		--	Inaccessible
MW-15A	07/13/10	<0.50	--	--	--		<5.0		--		--	
MW-15A	01/12/11	<0.50	--	--	--		2.1	J	--		--	
MW-15A	07/13/11	<0.50	--	--	--		<5.0		--		--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-16A	01/14/10	<0.50		--	--	--	--		--	--	
MW-16A	04/14/10	<0.50		--	--	--	--		--	--	
MW-16A	07/15/10	<0.50		--	--	--	--		--	--	
MW-16A	01/12/11	1.4		--	--	--	--		--	--	
MW-16A	07/14/11	<0.50		--	--	--	--		--	--	
MW-17A	01/11/10	--		--	--	--	--		--	--	A (3)
MW-17A	04/12/10	--		--	--	--	--		--	--	A (3)
MW-17A	07/13/10	<0.50		--	--	--	--		--	--	
MW-17A	01/12/11	0.16	J	--	--	--	--		--	--	
MW-17A	07/14/11	<0.50		--	--	--	--		--	--	
MW-18A	01/13/10	<0.50		--	--	--	--		--	--	
MW-18A	04/13/10	<0.50		--	--	--	--		--	--	
MW-18A	07/13/10	<0.50		--	--	--	--		--	--	
MW-18A	01/12/11	<0.50		--	--	--	--		--	--	
MW-18A	07/14/11	<0.50		--	--	--	--		--	--	
MW-19A	01/13/10	6.0		--	--	--	--		--	--	
MW-19A	04/13/10	1.6		--	--	--	--		--	--	
MW-19A	07/13/10	2.8		--	--	--	--		--	--	
MW-19A	01/12/11	<0.50		--	--	--	--		--	--	
MW-19A	07/14/11	<0.50		--	--	--	--		--	--	
MW-20A	01/13/10	<0.50		<0.50	<0.50	<0.50	16		--	--	
MW-20A	04/13/10	<0.90		<0.90	<0.90	<0.90	6.9		--	--	
MW-20A	07/13/10	<0.90		--	--	--	7.3		--	--	
MW-20A	01/12/11	<0.90		--	--	--	7.2		--	--	
MW-20A	07/13/11	<0.50		--	--	--	4.3	J	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-20T	01/11/10	--		--	--	--	--	--	--	A (3)
MW-20T	04/12/10	--		--	--	--	--	--	--	A (3)
MW-20T	07/13/10	25		<15	<15	<15	380	<1,500	<150	
MW-20T	01/12/11	14	J	<25	<25	<25	180	--	--	
MW-20T	07/14/11	1.9	J	<2.5	<2.5	<2.5	63	--	--	
MW-21A	01/12/10	<0.50		--	--	--	--	--	--	
MW-21A	04/13/10	<0.50		--	--	--	--	--	--	
MW-21A	07/13/10	<0.50		--	--	--	--	--	--	
MW-21A	01/12/11	<0.50		--	--	--	--	--	--	
MW-21A	07/14/11	<0.50		--	--	--	--	--	--	
MW-22A	01/13/10	<0.50		--	--	--	--	--	--	
MW-22A	04/13/10	<0.50		--	--	--	--	--	--	
MW-22A	07/13/10	<0.50		--	--	--	--	--	--	
MW-22A	01/12/11	<0.50		--	--	--	--	--	--	
MW-22A	07/14/11	<0.50		--	--	--	--	--	--	
MW-23A	01/11/10	--		--	--	--	--	--	--	A (3)
MW-23A	04/12/10	--		--	--	--	--	--	--	A (3)
MW-23A	07/13/10	<0.50		--	--	--	--	--	--	
MW-23A	01/12/11	<0.50		--	--	--	--	--	--	
MW-23A	07/14/11	<0.50		--	--	--	--	--	--	
MW-24A	01/11/10	--		--	--	--	--	--	--	A (3)
MW-24A	04/12/10	--		--	--	--	--	--	--	A (3)
MW-24A	07/13/10	<0.50		--	--	--	--	--	--	
MW-24A	01/12/11	<0.50		--	--	--	--	--	--	
MW-24A	07/14/11	<0.50		--	--	--	--	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-26T	01/14/10	38		--	--	<0.50	<5.0	<100	--	
MW-26T	04/14/10	3.3		--	--	<0.50	<5.0	<100	--	
MW-26T	07/15/10	8.9		--	--	<0.50	<5.0	<100	--	
MW-26T	01/12/11	36		--	--	<0.50	<5.0	--	--	
MW-26T	07/14/11	1.2		--	--	<0.50	<5.0	--	--	
MW-27T	01/11/10	--		--	--	--	--	--	--	A (3)
MW-27T	04/14/10	<0.50		<0.50	<0.50	<0.50	<5.0	<100	<50	
MW-27T	07/14/10	<0.50		--	--	<0.50	<5.0	--	--	
MW-27T	01/11/11	<0.50		--	--	<0.50	<5.0	--	--	
MW-27T	07/14/11	<0.50		--	--	<0.50	<5.0	--	--	
TARP B-Zone Data										
MW-01B	01/11/10	--		--	--	--	--	--	--	A (3)
MW-01B	04/12/10	--		--	--	--	--	--	--	A (3)
MW-01B	07/14/10	0.63		--	--	--	--	--	--	
MW-01B	01/11/11	0.26	J	--	--	--	--	--	--	
MW-01B	07/14/11	0.44	J	--	--	--	--	--	--	
MW-03B	01/13/10	<0.50		--	--	--	--	--	--	
MW-03B	04/12/10	--		--	--	--	--	--	--	SA (1,3)
MW-03B	07/14/10	<0.50		--	--	--	--	--	--	
MW-03B	01/11/11	<0.50		--	--	--	--	--	--	
MW-03B	07/14/11	<0.50		--	--	--	--	--	--	
MW-07B	01/13/10	<0.50		--	--	--	--	--	--	
MW-07B	04/12/10	--		--	--	--	--	--	--	SA (1,3)
MW-07B	07/14/10	<0.50		--	--	--	--	--	--	
MW-07B	01/10/11	2.3		--	--	--	--	--	--	
MW-07B	07/13/11	1.2		--	--	--	--	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-08B	01/14/10	43	--	--	--	--	--	--	
MW-08B	04/12/10	--	--	--	--	--	--	--	SA (1,3)
MW-08B	07/14/10	38	--	--	--	--	--	--	
MW-08B	01/11/11	40	--	--	--	--	--	--	
MW-08B	07/14/11	6.8	--	--	--	--	--	--	
MW-22B	01/11/10	--	--	--	--	--	--	--	A (3)
MW-22B	04/12/10	--	--	--	--	--	--	--	A (3)
MW-22B	07/13/10	<0.50	--	--	--	--	--	--	
MW-22B	01/12/11	<0.50	--	--	--	--	--	--	
MW-22B	07/14/11	9.8	--	--	--	--	--	--	
MW-23B	01/12/10	<0.50	--	--	--	--	--	--	
MW-23B	04/13/10	<0.50	--	--	--	--	--	--	
MW-23B	07/13/10	<0.50	--	--	--	--	--	--	
MW-23B	01/12/11	<0.50	--	--	--	--	--	--	
MW-23B	07/14/11	<0.50	--	--	--	--	--	--	
MW-24B	01/13/10	8.3	--	--	--	--	--	--	
MW-24B	04/12/10	--	--	--	--	--	--	--	SA (1,3)
MW-24B	07/13/10	11	--	--	--	--	--	--	
MW-24B	01/12/11	23	--	--	--	--	--	--	
MW-24B	07/14/11	<0.50	--	--	--	--	--	--	
Quality Control Samples									
QCEB	01/11/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB	04/12/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB	01/10/11	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
QCEB	07/14/11	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	

Table 3
Recent Groundwater Analytical Data - Fuel Oyygenates
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Well	Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
QCTB	01/11/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB	01/10/11	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
QCTB	07/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	

Notes: Monitoring and sampling of entire well network switched to semi-annual during first and third quarters beginning in October 2010 per MRP R5-2010-0830.
Contents of this table are a subset of the historical table found in Appendix F; footnote numbering is the same as in Appendix F.

EPA = Environmental Protection Agency
ug/L = Micrograms per liter
-- = Not applicable or no data available
SA (1, 3) = Sampled semi-annually during first and third quarter
A (3) = Sampled annualy during third quarter
QCDup = Duplicate Sample
QCEB = Equipment Blank
QCTB = Trip Blank
SPH = Separate Phase Hydrocarbons

Analyses by EPA Method 8260B

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether

J = Value reported between the Method Detection Limit (MDL) and Method Reporting Limit (MRL) and should be considered an estimate.
5 = The method reporting limit has been increased due to an interfering compound.

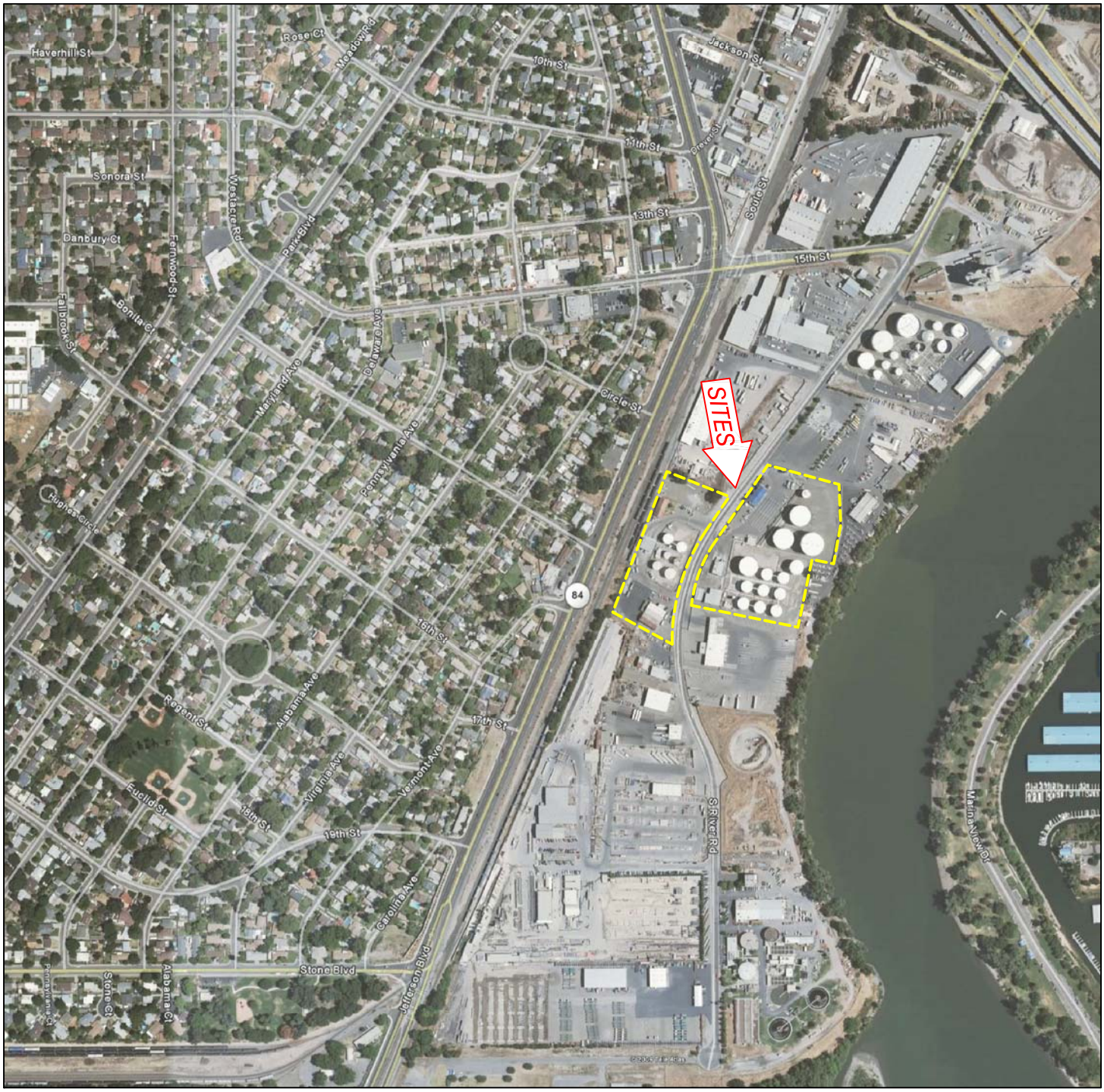
Table 4
Historical Groundwater Gradient Data
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

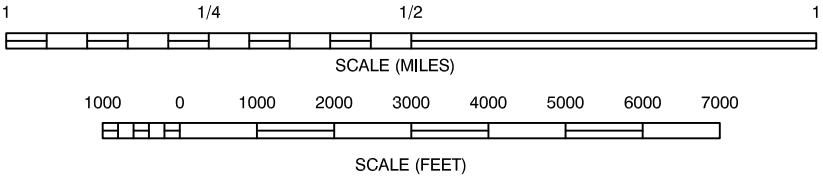
Ground-water Zone	Monitoring Date	Hydraulic Gradient (feet per foot)	Approximate Flow Direction											
			S	SE	E	E/SE	E/NE	E/W	W	SW	W/SW	W/NW	Radial	Variable
A	03/15/99	0.017	--	--	--	--	--	--	1	--	--	--	--	--
	06/07/99	0.007	--	--	1	--	--	--	--	--	--	--	--	--
	08/09/99	0.001 to 0.008	--	1	--	--	--	--	--	--	--	--	--	--
	11/29/99	0.006	--	--	1	--	--	--	--	--	--	--	--	--
	01/25/00	0.004	--	--	--	1	--	--	--	--	--	--	--	--
	04/17/00	Variable	--	--	--	--	--	--	--	--	--	--	--	1
	08/14/00	Variable	--	--	--	--	--	--	--	--	--	--	--	1
	11/13/00	E-0.007;W-0.026	--	--	--	--	--	--	--	--	--	--	1	--
	02/20/01	0.004 to 0.012	--	--	--	--	--	--	--	--	--	--	1	--
	05/14/01	0.012 to 0.200	--	--	--	--	--	--	--	--	--	--	1	--
	08/15/01	0.016 to 0.025	--	--	--	--	--	--	--	--	--	--	1	--
	11/14/01	E-0.010	--	--	--	--	--	--	--	--	--	--	1	--
	02/26/02	E-0.015; W-0.011	--	--	--	--	--	--	--	--	--	--	1	--
	05/20/02	0.006	--	--	--	--	--	--	--	--	--	--	1	--
	08/19/02	NE-0.006; SW-0.009	--	--	--	--	--	--	--	--	--	--	1	--
	11/04/02	0.006 to 0.051	--	--	--	--	--	--	--	--	--	--	1	--
	02/03/03	0.001 to 0.031	--	--	--	--	--	--	--	--	--	--	1	--
	05/05/03	0.007 to 0.05	--	--	--	--	--	--	--	--	--	--	1	--
	08/18/03	0.007 to 0.031	--	--	--	--	--	--	--	--	--	--	1	--
	10/27/03	0.01 to 0.031	--	--	--	--	--	--	--	--	--	--	1	--
	01/19/04	0.006 to 0.032	--	--	--	--	--	--	--	--	--	--	1	--
	04/19/04	0.007 to 0.029	--	--	--	--	--	--	1	--	--	--	1	--
	07/19/04	0.007 to 0.035	--	--	--	--	1	--	--	--	--	--	1	--
	10/18/04	0.007 to 0.032	--	--	--	1	--	--	--	--	--	--	1	--
	01/17/05	0.009 to 0.042	--	--	--	--	--	--	--	--	--	--	1	--
	04/19/05	0.001 to 0.032	--	--	--	--	--	--	--	--	--	--	1	--
	07/18/05	0.012 to 0.04	--	--	--	--	--	--	--	--	--	--	1	--
	10/17/05	0.001 to 0.037	--	--	--	--	--	--	--	--	--	--	1	--
	01/23/06	0.014 to 0.029	--	--	--	--	--	--	--	1	--	1	--	--
	04/17/06	0.027	--	--	--	--	--	--	1	--	--	--	--	--
	07/18/06	0.014 to 0.02	--	--	1	--	--	--	--	--	--	--	1	--
	10/23/06	0.008 to 0.01	--	--	1	--	--	--	--	--	--	--	1	--
	01/15/07	0.006 to 0.02	--	--	1	1	--	--	--	--	--	--	1	--
	04/16/07	0.005 to 0.007	--	--	1	1	--	--	--	--	--	--	--	--
	07/16/07	0.0016 to 0.0022	--	--	1	1	1	--	--	--	--	--	1	--
	10/15/07	0.009 to 0.03	--	--	1	1	1	--	--	--	--	--	1	--
	01/14/08	0.002 to 0.037	--	--	1	1	1	--	--	--	--	--	1	--
	04/14/08	0.005 to 0.05	--	1	1	--	1	--	--	--	--	--	1	--
	07/14/08	0.003 to 0.004	--	1	1	1	1	--	--	--	--	--	--	1
	10/13/08	0.005 to 0.010	1	1	1	1	1	--	--	--	--	--	1	1
	01/12/09	0.003 to 0.009	1	1	1	--	1	--	--	--	--	--	--	1
	04/13/09	0.006 to 0.011	1	1	1	--	1	--	--	--	--	--	--	1
	07/13/09	0.002 to 0.005	--	1	1	--	1	--	1	--	--	--	--	1
	10/12/09	0.003 to 0.015	1	1	1	1	--	--	--	--	--	--	--	1
	01/11/10	0.005	--	--	1	1	1	--	--	--	--	--	--	1
	04/12/10	0.005 to 0.007	--	--	1	1	1	--	--	--	--	--	--	1
	07/12/10	0.0042	--	--	1	1	1	--	--	--	--	--	--	1
	01/10/11	0.005 to 0.024	--	--	--	--	--	--	1	1	1	1	--	1
	07/11/11	0.005 to 0.012	--	--	1	1	1	--	--	--	--	--	--	1
		Average 0.0168	**4**	**8**	**20**	**14**	**14**	**0**	**5**	**2**	**1**	**2**	**29**	**13**

Table 4
Historical Groundwater Gradient Data
Buckeye Terminal (Former TARP Terminal)
1701 South River Road
West Sacramento, California

Ground-water Zone	Monitoring Date	Hydraulic Gradient (feet per foot)	Approximate Flow Direction											
			S	SE	E	E/SE	E/NE	E/W	W	SW	W/SW	W/NW	Radial	Variable
B	03/15/99	0.007	--	--	--	--	--	--	1	--	--	--	--	--
	06/07/99	0.003	--	--	1	--	--	--	--	--	--	--	--	--
	08/09/99	0.003	--	--	--	1	--	--	--	--	--	--	--	--
	11/29/99	0.003	--	--	1	--	--	--	--	--	--	--	--	--
	01/25/00	0.007	--	--	--	--	--	--	1	--	--	--	--	--
	04/17/00	0.0025	--	--	1	--	--	--	--	--	--	--	--	--
	08/14/00	0.003	--	--	1	--	--	--	--	--	--	--	--	--
	11/13/00	0.002	--	--	--	--	--	--	--	1	--	--	--	--
	02/20/01	0.002	--	--	--	1	--	--	--	--	--	--	--	--
	05/14/01	0.002	--	1	--	--	--	--	--	--	--	--	--	--
	08/15/01	0.001 to 0.002	--	--	1	--	--	--	--	--	--	--	--	--
	11/14/01	E-0.005; W-0.001	--	--	--	--	--	1	--	--	--	--	--	--
	02/26/02	0.002	--	--	--	--	--	--	--	1	--	--	--	--
	05/20/02	0.008	--	--	--	--	--	--	--	--	--	--	1	--
	08/19/02	SE-0.003; SW-0.003	--	--	--	--	--	--	--	--	--	--	1	--
	11/04/02	0.010 to 0.002	--	--	--	--	--	--	--	--	--	--	1	--
	02/03/03	0.003	--	--	--	--	--	--	--	--	--	1	1	--
	05/05/03	0.003 to 0.008	--	--	--	--	--	--	1	--	--	--	1	--
	08/18/03	0.002	--	--	--	1	--	--	--	--	--	--	--	--
	10/27/03	0.004	--	--	--	1	--	--	--	--	--	--	--	--
	01/19/04	0.003 to 0.006	--	1	--	--	--	--	1	--	--	--	--	--
	04/19/04	0.002	--	--	--	--	--	--	--	1	--	--	1	--
	07/19/04	0.003	--	--	--	1	--	--	--	--	--	--	--	--
	10/18/04	0.005	--	1	--	--	--	--	--	--	--	--	--	--
	01/17/05	0.001 to 0.01	--	--	--	1	--	--	--	--	--	--	1	--
	04/19/05	0.004	--	--	--	1	--	--	--	--	--	--		--
	07/18/05	0.008 to 0.014	--	--	--	--	1	--	--	--	--	--	1	--
	10/17/05	0.005 to 0.02	--	--	--	--	--	--	--	--	--	--	1	--
	01/23/06	0.015 to 0.025	--	--	--	--	--	--	--	1	--	1	1	--
	04/17/06	0.020 to 0.04	--	--	--	--	--	--	1	--	--	--	1	--
	07/18/06	0.002 to 0.005	--	1	1	--	--	--	--	--	--	--	1	--
	10/23/06	0.004	--	1	1	--	--	--	--	--	--	--	--	--
	01/15/07	0.001 to 0.002	--	1	1	--	--	--	--	--	--	--	--	--
	04/16/07	0.0016 to 0.0025	--	1	1	--	--	--	--	--	--	--	--	--
	07/16/07	0.0013 to 0.003	--	--	1	1	--	--	--	--	--	--	--	--
	10/15/07	0.003 to 0.005	--	1	1	--	--	--	--	--	--	--	--	--
	01/14/08	0.001	--	--	--	1	--	--	--	--	--	--	--	--
	04/14/08	0.003 to 0.004	--	1	1	--	--	--	--	--	--	--	--	--
	07/14/08	0.002 to 0.004	--	1	--	--	--	--	--	--	--	--	--	--
	10/13/08	0.003 to 0.006	--	--	1	1	--	--	--	--	--	--	--	--
	01/12/09	0.002	--	--	1	--	--	--	--	--	--	--	--	--
	04/13/09	0.002 to 0.004	--	1	--	--	--	--	--	--	--	--	--	--
	07/13/09	0.001	--	--	1	--	--	--	--	--	--	--	--	--
	10/12/09	0.002	--	1	--	1	--	--	--	--	--	--	--	--
	01/11/10	0.001	--	1	--	--	--	--	--	--	--	--	--	--
	04/12/10	0.004	--	1	--	--	--	--	--	--	--	--	--	--
	07/12/10	0.0023	--	1	--	--	--	--	--	--	--	--	--	--
	01/10/11	0.003	--	--	--	--	--	--	--	1	1	--	--	--
	07/11/11	0.004	--	1	1	1	1	--	--	--	--	--	--	--
		Average 0.0052	**0**	**16**	**16**	**12**	**2**	**1**	**5**	**5**	**1**	**2**	**12**	**0**

Figures





REFERENCE: GOOGLE EARTH, WEST SACRAMENTO, CALIFORNIA

Stantec	FOR: BUCKEYE/FORMER TESORO TERMINALS 1700 AND 1701 SOUTH RIVER ROAD WEST SACRAMENTO, CALIFORNIA		SITE LOCATION MAP		FIGURE: 1
	JOB NUMBER: 185702197.201.0002	DRAWN BY: MDR	CHECKED BY: SP	APPROVED BY: GH	DATE: 10/05/11

FILEPATH:M:\TESORO\2011 AUTOPOST\3rd QTR\SITE LOC FIG 1.dwg | Layout Tab: Layout1 | Drafter: miramirez | Oct 31, 2011 at 9:18

MW-1	A-ZONE GROUNDWATER MONITORING WELL
MW-1	B-ZONE GROUNDWATER MONITORING WELL
GWE-1	A-ZONE GROUNDWATER EXTRACTION WELL
P-01	A-ZONE PIEZOMETER
AS-1	SPARGE WELL
VE-1	VAPOR EXTRACTION WELL
DPE-1	DUAL PHASE EXTRATION WELL
R-1	REMEDIATION BOX LOCATIONS
MW-17T	DESTROYED MONITORING WELL

0 200 300 400

APPROXIMATE SCALE IN FEET

THIS FIGURE IS BASED ON AN AERIAL SURVEY PROVIDED BY MORROW SURVEYING

Stantec

FOR:

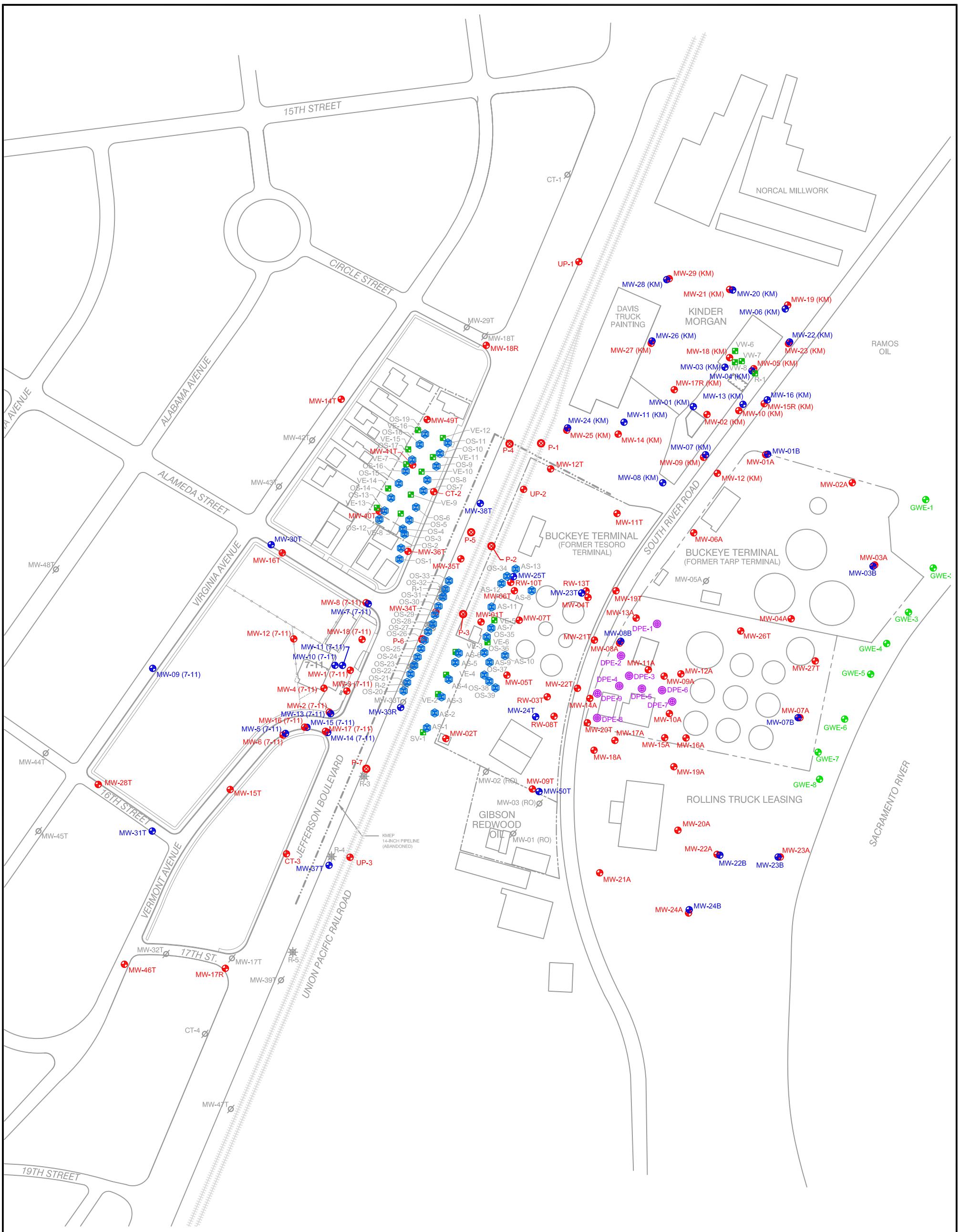
BUCKEYE/FORMER TESORO TERMINALS
1700 AND 1701 SOUTH RIVER ROAD
WEST SACRAMENTO, CALIFORNIA

AERIAL SITE PLAN

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702197.201.0011	MDR	SP	GDH	10/14/11

FILEPATH:M:\TESORO\2011 AUTOPOST\3rd QTR\SITE PLAN FIG-2 Aerial.dwg | Layout Tab: B-SIZE | Drafter: miramirez | Oct 28, 2011 at 14:38



LEGEND:

	MW-1	A-ZONE GROUNDWATER MONITORING WELL
	MW-1	B-ZONE GROUNDWATER MONITORING WELL
	GWE-1	A-ZONE GROUNDWATER EXTRACTION WELL
	P-01	A-ZONE PIEZOMETER
	VE-1	VAPOR EXTRACTION WELL
	ROW-1	REMEDIAL OBSERVATION WELL
	DPE-1	DUAL PHASE EXTRACTION WELL
	OS-24	A-ZONE OXYGEN INJECTION WELL
	R-1	REMEDIATION BOX LOCATIONS
	MW-17T	DESTROYED MONITORING WELL

N

0 200 300 400

APPROXIMATE SCALE IN FEET

THIS FIGURE IS BASED ON AN AERIAL SURVEY PROVIDED BY MORROW SURVEYING. STANTEC SURVEYED ON 06/21/10 REFERENCING THE CITY OF WEST SACRAMENTO BENCHMARK C-17 AT THE INTERSECTION OF PENNSYLVANIA AND 16TH STREET.

Stantec

FOR:
BUCKEYE/FORMER TESORO TERMINALS
1700 AND 1701 SOUTH RIVER ROAD
WEST SACRAMENTO, CALIFORNIA

SITE PLAN

FIGURE: **3**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702197.201.0011	MDR	SP	GDH	09/28/11

FILEPATH:M:\TESORO\2011 AUTOPOST\3rd QTR\SITE PLAN FIG-3-Labels.dwg | Layout Tab: B-SIZE | Drafter: miramirez | Oct 28, 2011 at 14:22

LEGEND

- ABOVE GRADE GASOLINE LINE
- UNDERGROUND GASOLINE LINE
- ABOVE GRADE DIESEL LINE
- UNDERGROUND DIESEL LINE
- ABOVE GRADE ETHANOL LINE
- UNDERGROUND ETHANOL LINE
- CHAINLINK FENCE
- EARTH DIKE

1. FOR PIPING SMALLER THAN 4" SEE ENLARGED PLANS

TANK FARM LIST		
TANK NO.	PRODUCT	HIGH LEVEL ALARM CAP. (bbls)
1	GASOLINE	66,338
3	GASOLINE	39,056
4	GASOLINE	39,029
7	DIESEL/GASOLINE	9,037
8	DIESEL	9,082
9	DIESEL	9,049
10	DIESEL	9,012
11	DIESEL	9,100
12	DIESEL	8,997
13	ADDITIVE	456
14	DIESEL ADDITIVE	120
15	UNLEADED REG	39,300
16	UNLEADED PREMIUM	8,400
17	OILY WATER	9,000
18	UNLEADED REG	18,100
19	ETHANOL	6,800
20	ADDITIVE	230
21	ETHANOL	6,800
22	OUT OF SERVICE	------
23	OUT OF SERVICE	6,300
24	OUT OF SERVICE	9,700
25	OUT OF SERVICE	3,800

Stantec

FOR:
BUCKEYE/FORMER TESORO TERMINALS
1700 AND 1701 SOUTH RIVER ROAD
WEST SACRAMENTO, CALIFORNIA

DETAILED SITE PLAN

FIGURE: **4**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702197.201.0011	MDR	SP	GDH	09/28/11

FILEPATH:M:\TESORO\2011 AUTOPOST\3rd QTR\SITE PLAN FIG-4 TARP-TESORO FACILITY.DWG | Layout Tab: 11X17 | Drafter: miramirez | Oct 28, 2011 at 16:02

Appendix A
RWQCB MRP Number R5-2010-0830

Reference: 2011 ANNUAL SITE STATUS, GROUNDWATER MONITORING AND REMEDIAL SUMMARY REPORT - TESORO ARCO REMEDIATION PROGRAM (TARP)

Appendix A - RWQCB MRP No: R5-2010-0830

Monitoring Program

Groundwater monitoring and sampling activities during first quarter were performed in accordance with the California Regional Water Quality Control Board – Central Valley Region's (RWQCB) *Monitoring and Reporting Program No. R5-2010-0830 (MRP)* issued on October 27, 2010. This MRP replaced the former MRP No. R5-2004-0802 for the Site, which was issued in 2004. The previous MRP included a requirement for an initial screening of wells for detectable fuel oxygenates. If non-detectable fuel oxygenate concentrations are reported for a given well for two quarters (first and third quarter), subsequent fuel oxygenate analyses are not required in that well. Most of the existing site wells had already been screened for fuel oxygenates under the previous MRP and determined to not require future analyses for these analytes. As stated in the new MRP, the site wells determined to not require future fuel oxygenate under the previous MRP were not re-screened under the new MRP.

Currently, a total of 33 wells are monitored at the Site; 26 of these wells were installed within the A-zone, and 7 were installed within the B-zone. Of the 33 wells, 21 wells were installed onsite, and 12 wells were installed offsite. A summary of the gauging and sampling requirements of the MRP by wells in the A-zone and B-zone is included in Table 1. Well construction details are provided in Appendix D.

Groundwater monitoring and sampling at the Site are coordinated with monitoring activities at the Former Tesoro Terminal (1700 South River Road), the 7-Eleven Store No. 14093 (1552 West Jefferson Boulevard), and the KMEP facility (1570 South River Road). Groundwater elevation and analytical data for the adjacent sites listed above are presented in the figures and are included in Appendix C.

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

Linda S. Adams
Secretary for Environmental Protection

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Arnold Schwarzenegger
Governor

27 October 2010

Mr. Jeff Baker
Tesoro Environmental Resources Company
3450 South 344th Way, Suite 100
Auburn, Washington 98001-5931

Mr. Sergio Morescalchi
Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583

FINAL REVISED MONITORING AND REPORTING PROGRAM No. R5-2010-0830, TESORO ARCO REMEDIATION PROGRAM (TARP), 1701 SOUTH RIVER ROAD, WEST SACRAMENTO, YOLO COUNTY

Tesoro Environmental Resources Company (Tesoro) and Atlantic Richfield Company (ARCO), jointly referred to as Tesoro ARCO Remediation Program (TARP), monitor groundwater at the bulk fuel terminal at 1701 South River Road in West Sacramento (Site). The Site encompasses Tesoro's former east tank farm and ARCO's north and south tank farms on either side of it. In 1996, Tesoro sold its tank farm to ARCO, which now operates the combined bulk fuel terminal at the Site. The Site includes 14 aboveground tanks (AGTs), associated above and below ground piping, loading racks, and several buildings. Groundwater is polluted with total petroleum hydrocarbons (TPH), benzene, and methyl tert butyl ether.

On 15 September 2010, California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) staff sent TARP a draft Monitoring and Reporting Program (MRP) and requested comments. TARP submitted comments on 1 October 2010 and generally concurred with the requirements outlined in the MRP. TARP's only comment was to request that depth to water and product thickness be measured semi-annually instead of quarterly. Central Valley Water Board staff concurs, and Table 1 in the final MRP has been revised accordingly.

Final MRP No. R5-2010-0830 is enclosed and now in effect. The next sampling event is required to take place in the first quarter of 2011, and the 2010 Annual Monitoring Report is due by **1 November 2010**. If you have questions about this letter, you may contact Kristi Shelton at (916) 464-4819 or by email at kshelton@waterboards.ca.gov .

Wendy L. Cohen

WENDY L. COHEN, P.E.
Chief, Aboveground Tanks Cleanup Unit

RECEIVED
NOV 01 2010
By

Attachment – MRP No. R5-2010-0830

cc: Mr. Bruce Sarazin, Yolo County Environmental Health Management, Woodland
Mr. Todd Brown, Stantec, Rancho Cordova
Mr. Rusty Benkosky, Stantec, Rancho Cordova

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM ORDER No. R5-2010-0830
CALIFORNIA WATER CODE SECTION 13267
FOR
TESORO PETROLEUM COMPANIES, INC.
ATLANTIC RICHFIELD COMPANY, INC.
TESORO ARCO REMEDIATION PROGRAM (TARP)
1701 SOUTH RIVER ROAD
WEST SACRAMENTO, YOLO COUNTY

This Order is issued to Tesoro Petroleum Companies, Inc. and Atlantic Richfield Company, Inc. (ARCO), hereafter jointly referred to as Dischargers, for the Tesoro ARCO Remediation Program (TARP) pursuant to California Water Code section 13267, which authorizes the Executive Officer of the California Regional Water Quality Control Board, Central Valley Region (hereafter Central Valley Water Board) to issue a Monitoring and Reporting Order (Order).

The Executive Officer finds:

INTRODUCTION

1. The site is located at 1701 South River Road, West Sacramento, Yolo County (Site) and is an operating bulk plant. The Site consists of 14 aboveground tanks (AGTs), associated above and below ground piping, loading racks, and several buildings. The site encompasses Tesoro's former east tank farm and ARCO's north and south tank farms on either side of it.

2. Tesoro owned and operated its east tank farm until 1996 when it sold the facility to ARCO, which currently operates the combined bulk terminal at the Site. Tesoro and ARCO agreed to jointly investigate and remediate the pollution at the combined terminal and formed the TARP for that purpose.

3. Investigations have shown that elevated levels of total petroleum hydrocarbons as gasoline (TPHg), TPH as diesel (TPHd), benzene, and methyl tert butyl ether (MTBE) are present in groundwater at the Site, which flows generally to the west and is about 20 feet below ground surface. This pollution impaired the beneficial uses of this water resource.

4. In 2003, TARP installed and began operating a dual phase extraction (DPE) system at the Site.

5. This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code (CWC) section 13267 and is necessary to delineate groundwater pollutant plumes and determine whether remediation efforts are effective.

6. Existing data and information about the Site show the presence of various chemicals, including TPHg, TPHd, and MTBE, emanating from the property and resulting from the Dischargers' past operations.

7. The Dischargers shall not implement any changes to this Order unless and until a revised Order is issued by the Executive Officer. This Order replaces the requirements listed in MRP No. R5-2004-0802, which was issued on 26 January 2004.

8. Prior to construction of any new groundwater monitoring or extraction wells, and prior to destruction of any groundwater monitoring or extraction wells, the Dischargers shall submit plans and specifications to the Central Valley Water Board for review and approval. Once installed, all new wells shall be added to the monitoring program and shall be sampled and analyzed according to the schedule below.

LEGAL PROVISIONS

9. CWC section 13267 states, in part:

> (b)(1) In conducting an investigation, the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or, discharging, or who proposes to discharge waste within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.

The reports required herein are necessary for the reasons described in this Order, to assure protection of waters of the state, and to protect public health and the environment.

10. CWC section 13268 states, in part:

> (a)(1) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267 or falsifying any information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).
>
> (b)(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars ($1,000) for each day in which the violation occurs.

Failure to submit the required reports to the Central Valley Water Board according to the schedule detailed herein may result in enforcement action(s) being taken against

the Dischargers, which may include the imposition of administrative civil liability pursuant to CWC section 13268. Administrative civil liability of up to $1,000 per violation per day may be imposed for non-compliance with the directives contained herein.

REQUIRED ACTIONS

IT IS HEREBY ORDERED that, pursuant to California Water Code section 13267, MRP No. R5-2004-0802 is hereby rescinded and Tesoro Petroleum Companies Inc. and Atlantic Richfield Company Inc. shall:

1. Conduct monitoring and reporting in compliance with the following specifications.

2. As shown on Figure 1, there are 33 monitoring wells associated with the Site. They are designated as MW-1A through MW-4A, MW-6A through MW-24A, MW-1B, MW-3B, MW-7B, MW-8B, MW-22B, MW-23B, MW-24B, MW-20T, MW-26T, and MW-27T. The groundwater monitoring program for the 33 monitoring wells and any wells installed subsequent to the issuance of this MRP shall follow the schedule below.

3. Monitoring wells with free phase petroleum product or visible sheen shall be monitored, at a minimum, for product thickness and depth to water.

4. Sample collection and analysis shall follow standard EPA protocol.

Table 1 Monitoring Schedule

	SAMPLING FREQUENCY[1]	
	Quarterly	**Semi-Annually[2]**
Wells	New Wells[3]	MW-1A, MW-2A, MW-3A, MW-4A, MW-6A, MW-7A, MW-8A, MW-9A, MW-10A, MW-11A, MW-12A, MW-13A, MW-14A, MW-15A, MW-16A, MW-17A, MW-18A, MW-19A, MW-20A, MW-20T, MW-21A, MW-22A, MW-23A, MW-24A, MW-26T, MW-27T, MW-1B, MW-3B, MW-7B, MW-8B, MW-22B, MW-23B, MW-24B

[1] All wells shall be monitored semi-annually for depth to groundwater and the presence and thickness of free product.
[2] Semi-annual sampling shall occur during the first and third quarters.
[3] Following four consecutive quarters of sampling and with Board staff concurrence, sampling may be reduced to semi-annually.

Table 2 Analytical Methods and PQLs

Constituents	EPA Analytical Method	Maximum Practical Quantitation Limit [4] (µg/l)
Depth to Groundwater	---	---
Sacramento River Elevation		
TPHg	8015M or 8260B	50
TPHd	8015M	50
Benzene	8020 or 8260B	0.5
Toluene	8020 or 8260B	0.5
Ethylbenzene	8020 or 8260B	0.5
Xylenes	8020 or 8260B	0.5
MTBE[5]	8020 or 8260B	0.5
Tert butyl alcohol[5]	8020 or 8260B	5
TAME[5]	8020 or 8260B	0.5
DIPE[5]	8020 or 8260B	0.5
ETBE[5]	8020 or 8260B	0.5

[4] For nondetectable results. All concentrations between the Method Detection Limit and the Practical Quantitation Limit shall be reported as trace.

[5] Fuel oxygenates, including MTBE, tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), and ethyl tertiary butyl ether (ETBE) shall be analyzed in all monitoring wells during two monitoring events in the first and third quarters. If results are nondetectable for fuel oxygenates for both sampling events, no further monitoring for oxygenates is required in that well. If a fuel oxygenate is detected, it shall be added to the monitoring program for the well in which it was detected.

REPORTING

5. When reporting the data, the Dischargers shall arrange the information in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner as to illustrate clearly the compliance with this Order.

6. As required by the California Business and Professions Code sections 6735, 7835, and 7835.1, all reports shall be prepared by a registered professional engineer or geologist or their subordinate and signed by the registered professional.

7. Semi-annual electronic reports, which conform to the requirements of the California Code of Regulations, title 23, division 3, chapter 30, shall be submitted electronically over the internet to the State Water Resources Control Board's (State Water Board's) Geotracker database system by **1 May** and **1 November** until such time as the Executive Officer determines that the reports are no longer necessary.

8. Semi-annual paper copy reports shall be submitted to the Central Valley Water Board office by **1 May** and **1 November** until such time as the Executive Officer

determines that the reports are no longer necessary. Each report shall include the following minimum information:

(a) A description and discussion of the groundwater sampling event and results, including trends in the concentrations of pollutants and groundwater elevations in the wells, how and when samples were collected, and whether the pollutant plume(s) is delineated.

(b) Field logs that contain, at a minimum, water quality parameters measured before, during, and after purging, method of purging, depth of water, and volume of water purged.

(c) Groundwater contour maps for all groundwater zones, if applicable.

(d) Isocontour pollutant concentration maps for all groundwater zones and all major constituents of concern, if applicable.

(e) A table showing well construction details, such as well number, groundwater zone being monitored, coordinates (longitude and latitude), ground surface elevation, reference elevation, elevation of screen, elevation of bentonite, elevation of filter pack, and elevation of well bottom.

(f) A table showing historical lateral and vertical (if applicable) flow directions and gradients.

(g) Cumulative data tables for all major constituents of concern containing the water quality analytical results and depth to groundwater for all monitoring wells. The Central Valley Water Board may request additional data as necessary.

(h) A copy of the laboratory analytical data report.

(i) If applicable, the status of any ongoing remediation, including cumulative information on the mass of pollutant removed from the subsurface, system operating time, the effectiveness of the remediation system, and any field notes pertaining to the operation and maintenance of the system.

(j) If applicable, the reasons for and duration of all interruptions in the operation of any remediation system, and actions planned or taken to correct and prevent interruptions.

9. An Annual Report shall be submitted to the Central Valley Water Board by **1 November** of each year. This report shall contain an evaluation of the effectiveness and progress of the investigation and remediation, and may be substituted for the second semi-annual monitoring report. The Annual Report shall

include all the information required to be in the second semi-annual and the following additional minimum information:

(a) Both tabular and graphical summaries of all data obtained during the year.

(b) Groundwater contour maps and pollutant concentration maps containing all data obtained during the previous year.

(c) A discussion of the long-term trends in the concentrations of the pollutants in the groundwater monitoring wells.

(d) A description of all remedial activities conducted during the year, an analysis of their effectiveness in removing the pollutants, and plans to improve remediation system effectiveness.

(e) An identification of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.

(f) If desired, a proposal and rationale for any revisions to the groundwater sampling plan frequency and/or list of analytes.

10. The results of any monitoring done more frequently than required at the locations specified in the MRP also shall be reported to the Central Valley Water Board.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with CWC section 13320 and California Code of Regulations, title 23, sections 2050 et seq. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the 30th day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day.

Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality, or they will be provided upon request.

This Order is effective upon the date of signature.

Ordered by:

for PAMELA C. CREEDON, Executive Officer

27 October 2010
(Date)

Appendix B
Project Area Description and Background

Reference: 2011 ANNUAL SITE STATUS, GROUNDWATER MONITORING AND REMEDIAL SUMMARY REPORT - TESORO ARCO REMEDIATION PROGRAM (TARP)

Appendix B – Project Area Description and Background

Introduction

The Site is located at 1701 South River Road within an industrial area of West Sacramento, California and is currently owned and operated by Buckeye Terminals, LLC (Buckeye), as a bulk fuel terminal. The Site was recently owned and operated by Atlantic Richfield Company, Inc. (ARCO) until acquired by Buckeye on June 1, 2011. Site cleanup responsibility was formerly shared by ARCO and Tesoro, therefore the project was designated as "TARP" (Tesoro ARCO Remediation Program) and the terminal was designated as the "TARP Facility" within previous reports (Figure 1 through Figure 3). Historically, the Site had also been referred to as "ARCO Distribution Terminal 36T". Formerly ownership and operation of the Site had been transferred to ARCO in December 1996. ARCO also previously owned and operated the terminal facility (designated as "Former Tesoro Terminal") located west (across South River Road) of the subject site. The Former Tesoro Terminal was also acquired by Buckeye on June 1, 2011.

Fourteen (14) above-ground storage tanks (ASTs), associated above-ground and below-ground piping, loading racks, and several buildings are present at the Site. Underground product lines extend from the Site beneath South River Road to the nearby Kinder Morgan Energy Partners (KMEP) and former Tesoro facilities. A detailed compilation of the ASTs contents and locations as well as above-ground and underground piping runs is shown in Figure 4.

Monitoring and Reporting Program

Groundwater monitoring and sampling activities through third quarter 2010 were performed in accordance with the California Regional Water Quality Control Board – Central Valley Region's (RWQCB) *Monitoring and Reporting Program No. R5-2004-0802 (MRP)* issued on January 26, 2004 (Appendix A). Beginning with fourth quarter 2010, groundwater monitoring and sampling activities were performed in accordance with RWQCB MRP No. R5-2010-0830.

Geologic and Hydrologic Setting

During historical site assessment activities, two water-bearing zones (A-zone and B-zone) were identified beneath the Site. Review of boring logs for wells installed at the Site indicates that the A-zone is defined by those wells that are screened in sand and silt mixtures either above or extending within the clay/silty clay horizon that is present beneath the Site. The clay/silty clay horizon was first encountered in A-zone wells at depths ranging from 24.5 to 41 feet below ground surface (bgs). The thickness of this clay/silty clay horizon ranges from approximately six feet to 37 feet. The B-zone is defined by wells that are screened in sand and silt mixtures below the clay/silty clay horizon.

Remediation Activities

Previous investigations performed at the Site had confirmed that the underlying soil and groundwater were impacted by petroleum hydrocarbons; and historically SPH was observed in certain wells at the Site. An SPH recovery system, consisting of passive free-product skimmers,

was installed in September 1994 and was subsequently removed on April 17, 2000 when significant measurable SPH was no longer present in these wells.

A DPE system was installed at the Site and was brought on-line on January 7, 2003. The DPE system is comprised of 17 DPE wells (DPE-1 through DPE-9, MW-08A, MW-09A, MW-10A, MW-11A through MW-14A, and MW-20T) and was originally configured with a 500 standard cubic feet per minute (scfm) ThermTech Catalytic Oxidizer with a 25-horsepower (hp) Travani liquid ring pump. Due to a malfunction of the DPE system in December 2008, the system was not operational during first, second, and third quarter 2009. During fourth quarter 2009, the system was replaced and started. A detailed historical description of the DPE system is included in Appendix G.

Appendix C
Former Tesoro Terminal, 7-Eleven, and KMEP Data

Reference: 2011 ANNUAL SITE STATUS, GROUNDWATER MONITORING AND REMEDIAL SUMMARY REPORT - TESORO ARCO REMEDIATION PROGRAM (TARP)

Appendix C – Former Tesoro Terminal, 7-Eleven, and KMEP Data

List of Tables

Former Tesoro Terminal

Table 2 - Recent Groundwater Elevation and Analytical Data – Petroleum Hydrocarbons and MTBE
Table 3 - Recent Groundwater Analytical Data – Fuel Oxygenates

7-Eleven Store #14093

Table 2 - Recent Groundwater Monitoring and Analytical Data

KMEP

KMEP tables provided below includes data through second quarter 2011. Due to KMEP's reporting period, third quarter 2011 data has not yet been tabulated.

Table 1 - Summary of Monitoring Well Construction and Groundwater Gauging Data
Table 2 - Groundwater Sample Analytical Results – TPH and BTEX
Table 3 - Groundwater Sample Analytical Results – Fuel Oxygenates and Dissolved Oxygen

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comment
Tesoro A-Zone														
MW-01T	01/11/10	25.51	3.10	0.00	01/15/10	28,000	<8,000	5	100	40	2,100	3,400	<9.0	
MW-01T	04/12/10	21.75	6.86	0.00	04/15/10	19,000	<4,000	5	80	32	2,200	2,500	<5.0	
MW-01T	07/12/10	22.11	7.26	0.00	07/14/10	15,000	<3,000	5	50	25	1,800	1,600	<5.0	
MW-01T	10/11/10	23.33	6.04	0.00	10/11/10	-	-		-	-	-	-	-	SA (1,3)
MW-01T	01/10/11	19.90	9.47	0.00	01/12/11	11,000	-		26	16	1,200	530	<2.5	
MW-01T	04/11/11	17.11	12.26	0.00	04/11/11	-	-		-	-	-	-	-	SA (1,3)
MW-01T	07/11/11	19.54	9.83	0.00	07/13/11	11,000	<4,000	5,16	16	6.1	1,500	590	<4.0	
MW-02T	01/11/10	DRY	-	-	01/11/10	-	-		-	-	-	-	-	
MW-02T	04/12/10	19.87	9.42	0.00	04/12/10	-	-		-	-	-	-	-	SA (1,3)
MW-02T	07/12/10	23.50	5.79	0.00	07/13/10	<50	110	8,14	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-02T	10/11/10	24.43	4.86	0.00	10/11/10	-	-		-	-	-	-	-	SA (1,3)
MW-02T	01/10/11	19.15	10.14	0.00	01/12/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
MW-02T	04/11/11	16.70	12.59	0.00	04/11/11	-	-		-	-	-	-	-	SA (1,3)
MW-02T	07/11/11	20.70	8.59	0.00	07/13/11	<50	64	8	<0.50	<0.50	<0.50	<0.50	<0.50	
RW-03T	01/11/10	29.60	7.26	0.00	01/15/10	32,000	<8,000	5	12,000	230	700	1,000	25	
RW-03T	04/12/10	27.40	9.46	0.00	04/12/10	-	-		-	-	-	-	-	SA (1,3)
RW-03T	07/12/10	26.97	9.70	0.00	07/14/10	2,600	<1,000	5	860	6.6	<2.0	24	<2.0	
RW-03T	01/10/11	27.50	9.17	0.00	01/12/11	9,000	-		5,100	73	150	270	6.4	
RW-03T	07/11/11	24.44	12.23	0.00	07/13/11	1,500	<400	5,16	240	7.1	37	48	<0.50	
MW-04T	01/11/10	25.91	5.90	0.00	01/11/10	-	-		-	-	-	-	-	A (3)
MW-04T	04/12/10	24.11	7.70	0.00	04/12/10	-	-		-	-	-	-	-	A (3)
MW-04T	07/12/10	24.37	7.28	0.00	07/14/10	8,300	<3,000	5	360	49	390	330	1.3	
MW-04T	01/10/11	23.29	8.36	0.00	01/12/11	39,000	-		2,300	400	2,200	4,000	6.6	SA (1,3)
MW-04T	07/11/11	21.58	10.07	0.00	07/13/11	22,000	<6,000	5,16	1,100	180	920	1,000	3.9	
MW-05T	01/11/10	25.69	6.77	0.00	01/15/10	35,000	<150,000	5	14,000	17,000	11,000	4,500	<9.0	
MW-05T	04/12/10	23.00	9.46	0.00	04/15/10	21,000	<18,000	5	1,800	1,100	1,000	2,900	<5.0	
MW-05T	07/12/10	24.31	7.99	0.00	07/14/10	12,000	<6,000	5	830	540	1,000	1,400	<2.5	
MW-05T	10/11/10	25.62	6.68	0.00	10/11/10	-	-		-	-	-	-	-	SA (1,3)
MW-05T	01/10/11	22.20	10.10	0.00	01/12/11	61,000	-		10,000	720	2,800	8,100	<2.5	
MW-05T	04/11/11	19.20	13.10	0.00	04/11/11	-	-		-	-	-	-	-	SA (1,3)
MW-05T	07/11/11	21.15	11.15	0.00	07/13/11	3,200	<3,000	5,16	290	22	72	86	<0.70	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)		Comment
MW-06T	01/11/10	24.07	6.11	0.00	01/15/10	8,500		<4,000	5	5.6	7.2	230		230	<1.5		
MW-06T	04/12/10	21.90	8.28	0.00	04/15/10	3,400		<2,000	5	7.2	9.1	120		75	<0.50		
MW-06T	07/12/10	22.31	7.65	0.00	07/14/10	3,800		<2,000	5	3.6	5.5	100		55	<0.50		
MW-06T	10/11/10	23.52	6.44	0.00	10/11/10	-		-		-	-	-		-	-		SA (1,3)
MW-06T	01/10/11	20.87	9.09	0.00	01/12/11	2,900		-		4.0	5.2	24		24	0.26	J	
MW-06T	04/11/11	18.23	11.73	0.00	04/11/11	-		-		-	-	-		-	-		SA (1,3)
MW-06T	07/11/11	19.97	9.99	0.00	07/13/11	4,100		<2,000	5,16	1.8	1.8	38		15	0.67		
MW-07T	01/11/10	25.50	3.90	0.00	01/15/10	35,000		<6,000	5	11,000	170	3,900		740	<15		
MW-07T	04/12/10	22.91	6.49	0.00	04/15/10	68,000		<12,000	5	5,700	17,000	2,100		11,000	<25		
MW-07T	07/12/10	22.96	8.52	0.00	07/14/10	60,000		<6,000	5	5,300	7,600	2,600		9,500	<20		
MW-07T	10/11/10	24.42	7.06	0.00	10/11/10	-		-		-	-	-		-	-		SA (1,3)
MW-07T	01/10/11	23.00	8.48	0.00	01/12/11	19,000		<8,000	5,16	5,900	350	1,200		790	6.4	J	
MW-07T	04/11/11	19.33	12.15	0.00	04/11/11	-		-		-	-	-		-	-		SA (1,3)
MW-07T	07/11/11	21.76	9.72	0.00	07/13/11	42,000		<5,000	5,16	4,300	3,700	1,700		6,900	<15		
RW-08T	01/11/10	29.90	7.20	0.00	01/15/10	13,000		<5,000	5	2,300	61	350		160	31		
RW-08T	04/12/10	28.27	8.83	0.00	04/15/10	14,000		<8,000	5	2,400	68	370		170	35		
RW-08T	07/12/10	27.75	9.19	0.00	07/14/10	2,300		<2,000	5	360	3.4	0.95		78	6.4		
RW-08T	01/10/11	27.77	9.17	0.00	01/12/11	2,300		-		310	6.4	12		67	5.5		SA (1,3)
RW-08T	07/11/11	24.81	12.13	0.00	07/13/11	120		140	16	3.3	<0.50	0.27	J	<0.50	<0.50		
MW-09T	01/11/10	24.30	13.29	0.00	01/12/10	<50		50	14	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	04/12/10	24.10	13.49	0.00	04/13/10	93		<80	5	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	07/12/10	24.25	13.09	0.00	07/13/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	10/11/10	24.39	12.95	0.00	10/11/10	<50		-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	01/10/11	23.87	13.47	0.00	01/11/11	34	J	-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	04/11/11	23.50	13.84	0.00	04/11/11	40	J	-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-09T	07/11/11	23.67	13.67	0.00	07/11/11	30	J	<50		<0.50	<0.50	<0.50		<0.50	<0.50		
RW-10T	01/11/10	24.30	5.96	0.00	01/13/10	4,800		<3,000	5	780	86	66		230	2.4		
RW-10T	04/12/10	22.01	8.25	0.00	04/12/10	-		-		-	-	-		-	-		SA (1,3)
RW-10T	07/12/10	22.73	7.35	0.00	07/14/10	3,200		<1,000	5	1,300	16	56		110	4.5		
RW-10T	01/10/11	21.62	8.46	0.00	01/12/11	8,000		-		2,800	60	72		120	8.3		
RW-10T	07/11/11	19.94	10.14	0.00	07/13/11	1,700		<500	5,16	520	8.8	41		34	3.2		

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)		Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)	Comment
MW-11T	01/11/10	24.25	5.84	0.00	01/12/10	3,100		<300	5	1,100		8.0		<2.0		4.4	11	
MW-11T	04/12/10	22.28	7.81	0.00	04/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-11T	07/12/10	22.90	7.01	0.00	07/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	1.0	
MW-11T	10/11/10	24.00	5.91	0.00	10/11/10	1,400		-		480		4.1		2.3		5.0	10	
MW-11T	01/10/11	21.74	8.17	0.00	01/11/11	1,300		-		230		1.1		<0.50		1.6	5.0	
MW-11T	04/11/11	18.70	11.21	0.00	04/11/11	27	J	-		0.14	J	<0.50		<0.50		<0.50	<0.50	
MW-11T	07/11/11	19.67	10.24	0.00	07/11/11	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-12T	01/11/10	18.90	5.18	0.00	01/13/10	4,000		<1,500	5	820		8.7		8.7		3.2	1.8	
MW-12T	04/12/10	16.55	7.53	0.00	04/14/10	<50		86		12		<0.50		<0.50		<0.50	0.60	
MW-12T	07/12/10	17.53	6.40	0.00	07/13/10	400		210		23		0.57		<0.50		<0.50	5.3	
MW-12T	01/10/11	15.31	8.62	0.00	01/12/11	<50		-		<0.50		<0.50		<0.50		<0.50	<0.50	SA (1,3)
MW-12T	07/11/11	14.34	9.59	0.00	07/13/11	2,000		<600	5,16	170		3.4		1.9		1.1	2.5	
RW-13T	01/11/10	29.35	4.10	0.00	01/11/10	-		-		-		-		-		-	-	A (3)
RW-13T	04/12/10	27.50	5.95	0.00	04/12/10	-		-		-		-		-		-	-	A (3)
RW-13T	07/12/10	27.75	7.29	0.00	07/14/10	320		<300	5	56		0.84		<0.50		9.3	<0.50	
RW-13T	01/10/11	26.75	8.29	0.00	01/12/11	4,800		<1,000	5,16	380		43		63		170	3.1	SA (1,3)
RW-13T	07/11/11	24.13	10.91	0.00	07/13/11	3,300		<800	5,16	94		75		52		290	1.3	
MW-14T	01/11/10	11.00	4.85	0.00	01/12/10	<50		<50		<0.50		0.73		<0.50		0.93	<0.50	
MW-14T	04/12/10	9.18	6.67	0.00	04/12/10	-		-		-		-		-		-	-	SA (1,3)
MW-14T	07/12/10	9.42	6.37	0.00	07/13/10	<50		70	8	<0.50		<0.50		<0.50		<0.50	<0.50	
MW-14T	01/10/11	7.20	8.59	0.00	01/11/11	<50		-		<0.50		0.19	J	<0.50		<0.50	<0.50	
MW-14T	07/11/11	7.28	8.51	0.00	07/12/11	<50		71	8	<0.50		<0.50		<0.50		<0.50	<0.50	
MW-15T	01/11/10	11.20	4.49	0.00	01/13/10	900		<400	5	0.94		<0.50		0.59		<0.50	<0.50	
MW-15T	04/12/10	9.38	6.31	0.00	04/13/10	910		<500	5	<0.50		<0.50		3.7		<0.50	<0.50	
MW-15T	07/12/10	9.87	5.54	0.00	07/14/10	610		<500	5	<0.50		<0.50		2.6		<0.50	<0.50	
MW-15T	01/11/11	6.87	8.54	0.00	01/11/11	1,300		-		0.17	J	0.46	J	4.0		<0.50	<0.50	SA (1,3)
MW-15T	07/11/11	7.52	7.89	0.00	07/12/11	1,100		<300	5	0.21	J	0.29	J	2.8		0.56	<0.50	
MW-16T	01/11/10	11.35	4.35	0.00	01/12/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-16T	04/12/10	9.15	6.55	0.00	04/12/10	-		-		-		-		-		-	-	SA (1,3)
MW-16T	07/12/10	9.05	6.72	0.00	07/14/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-16T	01/10/11	7.07	8.70	0.00	01/11/11	<50		-		<0.50		0.95		0.19	J	0.66	<0.50	
MW-16T	07/11/11	6.70	9.07	0.00	07/12/11	<50		46	J	<0.50		<0.50		<0.50		<0.50	<0.50	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)		Comment
MW-17R	01/11/10	11.45	4.25	0.00	01/12/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-17R	04/12/10	9.80	5.90	0.00	04/13/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-17R	07/12/10	10.10	5.57	0.00	07/13/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-17R	01/10/11	6.88	8.79	0.00	01/11/11	<50		-		<0.50	0.66	0.17	J	<0.50	<0.50		SA (1,3)
MW-17R	07/11/11	7.56	8.11	0.00	07/12/11	38	J	44	J	<0.50	0.78	1.1		3.5	<0.50		
MW-18R	01/11/10	10.71	4.92	0.00	01/13/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-18R	04/12/10	8.80	6.83	0.00	04/13/10	<50		<50		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-18R	07/12/10	9.18	6.18	0.00	07/14/10	<50		71	14	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-18R	01/10/11	7.00	8.36	0.00	01/11/11	<50		-		<0.50	<0.50	<0.50		<0.50	<0.50		SA (1,3)
MW-18R	07/11/11	6.73	8.63	0.00	07/12/11	<50		41	J	<0.50	<0.50	<0.50		<0.50	0.20	J	
MW-19T	01/11/10	29.35	6.37	0.00	01/13/10	6,000		<1,500	5	860	55	98		170	<0.50		
MW-19T	04/12/10	27.50	8.22	0.00	04/14/10	2,800		<1,000	5	390	23	11		110	2.1		
MW-19T	07/12/10	27.68	7.90	0.00	07/15/10	310		<200	5	9.1	0.82	2.8		<0.50	<0.50		
MW-19T	01/10/11	27.45	8.13	0.00	01/11/11	3,300		-		410	16	8.2		81	3.3		SA (1,3)
MW-19T	07/11/11	24.42	11.16	0.00	07/12/11	850		<200	5	76	5.0	1.6		18	0.37	J	
MW-21T	01/11/10	29.58	6.93	0.00	01/13/10	9,800		<1,000	5	3,700	130	180		250	6.8		
MW-21T	04/12/10	27.85	8.66	0.00	04/12/10	-		-		-	-	-		-	-		SA (1,3)
MW-21T	07/12/10	27.81	8.50	0.00	07/15/10	4,000		<400	5	1,400	130	120		120	3.2		
MW-21T	01/10/11	27.85	8.46	0.00	01/11/11	7,600		-		3,200	73	100		100	9.1		
MW-21T	07/11/11	24.76	11.55	0.00	07/12/11	8,500		830	8,15	3,000	44	71		79	10		
MW-22T	01/11/10	31.10	5.68	0.00	01/13/10	50,000		<30,000	5	14,000	2,700	840		4,700	<30		
MW-22T	04/12/10	28.45	8.33	0.00	04/14/10	73,000		<25,000	5	13,000	9,200	2,000		9,800	<30		
MW-22T	07/12/10	29.17	7.41	0.00	07/15/10	52,000		<8,000	5	9,200	5,600	1,500		7,300	<15		
MW-22T	01/10/11	27.61	8.97	0.00	01/11/11	88,000		-		9,300	720	2,000		8,900	14	J	SA (1,3)
MW-22T	07/11/11	24.24	12.34	0.00	07/12/11	9,600		<4,000	5	170	2.6	3.5		350	<1.5		
MW-28T	01/11/10	11.61	4.37	0.00	01/12/10	<50		620	8,14	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	04/12/10	10.07	5.91	0.00	04/13/10	<50		280	8	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	07/12/10	10.06	5.86	0.00	07/13/10	<50		290	8	<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	10/11/10	11.05	4.87	0.00	10/11/10	<50		-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	01/10/11	7.57	8.35	0.00	01/11/11	<50		-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	04/11/11	5.20	10.72	0.00	04/11/11	<50		-		<0.50	<0.50	<0.50		<0.50	<0.50		
MW-28T	07/11/11	11.06	4.86	0.00	07/11/11	<50		330	8	<0.50	<0.50	<0.50		<0.50	<0.50		

Table 2
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West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)	Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)		Comment
MW-34T	01/11/10	10.30	5.27	0.00	01/12/10	37,000	<4,000	5	3,300		630	2,000		6,700	<15		
MW-34T	04/12/10	7.75	7.82	0.00	04/13/10	34,000	<4,000	5	5,400		520	2,100		5,900	<15		
MW-34T	07/12/10	8.81	6.70	0.00	07/13/10	44,000	<4,000	5	5,300		430	3,300		8,900	<15		
MW-34T	10/11/10	9.88	5.63	0.00	10/11/10	47,000	-		5,900		310	3,200		7,500	<15		
MW-34T	01/10/11	6.07	9.44	0.00	01/11/11	32,000	-		5,500		210	2,300		4,800	<15		
MW-34T	04/11/11	3.71	11.80	0.00	04/11/11	31,000	-		5,500		270	2,900		4,600	<15		
MW-34T	07/11/11	6.30	9.21	0.00	07/11/11	40,000	<3,000	5	3,300		420	4,100		8,400	<15		
MW-35T	01/11/10	10.10	5.58	0.00	01/14/10	260	<100	5	29		1.1	<0.50		<0.50	2.2		
MW-35T	04/12/10	7.95	7.73	0.00	04/13/10	<50	90	14	<0.50		<0.50	<0.50		<0.50	<0.50		
MW-35T	07/12/10	8.67	6.77	0.00	07/13/10	<50	<50		<0.50		<0.50	<0.50		<0.50	<0.50		
MW-35T	10/11/10	9.67	5.77	0.00	10/11/10	-	-		-		-	-		-	-		SA (1,3)
MW-35T	01/10/11	7.78	7.66	0.00	01/12/11	470	-		36		0.95	0.29	J	0.96	1.7		
MW-35T	04/11/11	4.05	11.39	0.00	04/11/11	-	-		-		-	-		-	-		
MW-35T	07/11/11	6.15	9.29	0.00	07/11/11	<50	100	8	0.24	J	<0.50	<0.50		<0.50	<0.50		
MW-36T	01/11/10	11.47	4.99	0.00	01/15/10	94,000	<8,000	5	10,000		7,200	4,000		18,000	<25		
MW-36T	04/12/10	9.31	7.15	0.00	04/14/10	13,000	<800	5	5,200		440	260		1,000	<5.0		
MW-36T	07/12/10	9.33	6.09	0.00	07/15/10	17,000	<2,000	5	2,500		1,100	730		2,600	<5.0		
MW-36T	01/10/11	7.60	7.82	0.00	01/12/11	41,000	-		19,000		500	340		1,300	9.2	J	
MW-36T	04/11/11	4.95	10.47	0.00	04/11/11	-	-		-		-	-		-	-		SA (1,3)
MW-36T	07/11/11	7.13	8.29	0.00	07/12/11	6,500	<800	5	890		120	130		810	2.6		
MW-40T	01/11/10	11.43	4.60	0.00	01/15/10	1,400	<500	5	<0.50		<0.50	2.0		0.89	<0.50		
MW-40T	04/12/10	9.45	6.58	0.00	04/14/10	1,600	<2,000	5	<0.50		0.82	11		8.2	<0.50		
MW-40T	07/12/10	9.64	5.57	0.00	07/13/10	1,400	<800	5	<0.50		<0.50	14		1.6	<0.50		
MW-40T	01/10/11	7.50	7.71	0.00	01/12/11	1,500	-		18		1.4	34		18	<0.50		
MW-40T	04/11/11	5.06	10.15	0.00	04/11/11	-	-		-		-	-		-	-		SA (1,3)
MW-40T	07/11/11	7.06	8.15	0.00	07/12/11	1,700	<400	5	0.31	J	0.54	23		8.2	<0.50		
MW-41T	01/11/10	12.41	4.81	0.00	01/15/10	32,000	<10,000	5	3,600		88	3,400		3,000	<8.0		
MW-41T	04/12/10	10.45	6.77	0.00	04/14/10	27,000	<8,000	5	3,500		130	2,500		3,000	<9.0		
MW-41T	07/12/10	10.68	5.53	0.00	07/15/10	26,000	<6,000	5	2,900		66	2,900		2,600	<7.0		
MW-41T	01/10/11	8.56	7.65	0.00	01/12/11	25,000	-		2,500		60	2,400		2,400	<5.0		
MW-41T	04/11/11	5.65	10.56	0.00	04/11/11	-	-		-		-	-		-	-		SA (1,3)
MW-41T	07/11/11	8.23	7.98	0.00	07/12/11	34,000	<4,000	5	3,500		41	4,100		1,800	<4.0		

Table 2
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West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)		Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)	Comment
MW-46T	01/11/10	11.51	4.14	0.00	01/12/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-46T	04/12/10	9.88	5.77	0.00	04/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-46T	07/12/10	10.02	5.73	0.00	07/13/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-46T	01/10/11	7.30	8.45	0.00	01/11/11	<50		-		<0.50		1.3		0.28	J	0.86	<0.50	SA (1,3)
MW-46T	07/11/11	7.73	8.02	0.00	07/12/11	47	J	30	J	<0.50		2.1		2.1		5.9	<0.50	
MW-49T	01/11/10	11.89	4.82	0.00	01/15/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-49T	04/12/10	9.91	6.80	0.00	04/14/10	<50		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-49T	07/12/10	9.17	6.54	0.00	07/13/10	96		<50		<0.50		<0.50		<0.50		<0.50	<0.50	
MW-49T	01/10/11	8.10	7.61	0.00	01/12/11	38	J	-		0.14	J	<0.50		<0.50		<0.50	<0.50	
MW-49T	04/11/11	5.22	10.49	0.00	04/11/11	-		-		-		-		-		-	-	SA (1,3)
MW-49T	07/11/11	7.90	7.81	0.00	07/12/11	1,100		<300	5	2.7		0.70		3.6		1.0	<0.50	
P-1	01/11/10	14.17	5.02	0.00	01/11/10	<50		77		<0.50		<0.50		<0.50		<0.50	2.6	
P-1	04/12/10	12.00	7.19	0.00	04/12/10	<50		<50		<0.50		<0.50		<0.50		<0.50	0.61	
P-1	07/12/10	12.77	6.42	0.00	07/15/10	<50		<50		<0.50		<0.50		<0.50		<0.50	1.2	
P-1	01/10/11	10.40	8.79	0.00	01/11/11	<50		-		<0.50		<0.50		<0.50		<0.50	0.50	SA (1,3)
P-1	07/15/11	9.80	9.39	0.00	07/15/11	<50		42	J	<0.50		0.38	J	0.14	J	<0.50	<0.50	
P-2	01/11/10	13.46	5.82	0.00	01/11/10	4,900		<2,000	5	47		18		17		43	<0.50	
P-2	04/12/10	11.57	7.71	0.00	04/12/10	4,400		<1,500	5	71		18		17		31	<0.50	
P-2	07/12/10	12.29	6.78	0.00	07/15/10	3,400		<1,500	5	68		16		10		27	<0.50	
P-2	01/10/11	10.53	8.54	0.00	01/11/11	2,200		-		76		10		1.8		6.8	<0.50	SA (1,3)
P-2	07/15/11	9.50	9.57	0.00	07/15/11	4,900	17	<800	5	61		17		22		24	<0.50	
P-3	01/11/10	13.70	5.25	0.00	01/11/10	49,000		<2,000	5	900		7,000		2,300		10,000	<9.0	
P-3	04/12/10	11.10	7.85	0.00	04/12/10	71,000		<4,000	5	840		12,000		3,800		16,000	<20	
P-3	07/12/10	12.02	6.70	0.00	07/15/10	120,000		<4,000	5	1,100		31,000		5,200		22,000	<25	
P-3	01/10/11	9.30	9.42	0.00	01/11/11	110,000		-		1,200		30,000		5,900		23,000	<20	SA (1,3)
P-3	07/15/11	9.44	9.28	0.00	07/15/11	120,000	17	<3,000	5	690		33,000		5,700		24,000	<10	

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
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West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)		Comment
P-5	01/11/10	9.80	5.42	0.00	01/14/10	1,500		<800	5	25		4.3	<0.50	5.0	<0.50		
P-5	01/11/10	-	-	-	01/14/10	1,600		<1,000	5	24		3.9	<0.50	4.1	<0.50		QCDup-1A
P-5	04/12/10	7.61	7.61	0.00	04/15/10	520		<300	5	<0.50		<0.50	<0.50	<0.50	<0.50		
P-5	04/12/10	-	-	-	04/15/10	500		<300	5	<0.50		<0.50	<0.50	<0.50	<0.50		QCDup-1A
P-5	07/12/10	8.29	6.81	0.00	07/15/10	1,600		<800	5	12		3.8	<0.50	4.9	<0.50		
P-5	07/12/10	-	-	-	07/15/10	1,700		<800	5	12		3.6	<0.50	4.8	<0.50		QCDup-1A
P-5	01/10/11	6.60	8.50	0.00	01/12/11	31	J	-		<0.50		<0.50	<0.50	<0.50	<0.50		SA (1,3)
P-5	01/10/11	-	-	-	01/12/11	35	J	-		0.15	J	<0.50	<0.50	<0.50	<0.50		QCDup-1A
P-5	07/11/11	5.65	9.45	0.00	07/11/11	<50		47	J	0.15	J	<0.50	<0.50	<0.50	<0.50		
P-5	07/11/11	-	-	-	07/11/11	<50		43	J[16]	0.13	J	<0.50	<0.50	<0.50	<0.50		QCDup-1A
P-6	01/11/10	11.10	5.42	0.00	01/12/10	9,600		<1,500	5	2,300		170	460	460	<5.0		
P-6	04/12/10	8.59	7.93	0.00	04/13/10	11,000		<2,000	5	2,400		220	600	970	<5.0		
P-6	07/12/10	9.73	6.62	0.00	07/13/10	9,700		<1,500	5	2,200		120	460	640	<4.0		
P-6	10/11/10	10.85	5.50	0.00	10/11/10	14,000		-		3,100		100	270	290	<4.0		
P-6	01/10/11	6.79	9.56	0.00	01/11/11	4,100		-		1,100		44	44	140	<2.0		
P-6	04/11/11	4.55	11.80	0.00	04/11/11	8,700		-		1,300		190	460	700	0.90	J	
P-6	07/11/11	7.11	9.24	0.00	07/11/11	14,000		<1,000	5	2,800		190	1,100	910	1.4	J	
P-7	01/11/10	10.35	5.11	0.00	01/12/10	7,300		<800	5	180		190	420	1,800	<0.50		
P-7	04/12/10	6.60	8.86	0.00	04/13/10	<50		<50		8.4		<0.50	<0.50	8.7	<0.50		
P-7	07/12/10	9.59	5.57	0.00	07/13/10	270		<200	5	37		4.9	11	26	<0.50		
P-7	10/11/10	10.50	4.66	0.00	10/11/10	2,000		-		91		39	180	300	<0.50		
P-7	01/10/11	5.09	10.07	0.00	01/11/11	25	J	-		1.0		<0.50	0.16	J 1.4	<0.50		
P-7	04/11/11	2.80	12.36	0.00	04/11/11	5,500		-		21		350	280	1,200	<2.0		
P-7	07/11/11	6.70	8.46	0.00	07/11/11	5,400		<200	5	49		330	410	1,200	<2.0		
CT-2	01/11/10	11.14	4.39	0.00	01/15/10	5,300		<2,000	5	360		54	87	130	<0.80		
CT-2	04/12/10	9.19	6.34	0.00	04/14/10	2,400		3,600	8,15	150		13	10	35	<0.50		
CT-2	07/12/10	9.41	6.38	0.00	07/15/10	460		<300	5	35		3.1	<0.50	38	<0.50		
CT-2	01/10/11	7.30	8.49	0.00	01/12/11	7,100		-		450		42	87	77	<1.5		
CT-2	04/11/11	4.49	11.30	0.00	04/11/11	-		-		-		-	-	-	-		SA (1,3)
CT-2	07/11/11	6.55	9.24	0.00	07/12/11	2,800		<3,000	5	65		14	37	20	<0.50		
CT-3	01/11/10	11.12	4.98	0.00	01/15/10	15,000		<10,000	5	260		18	1,400	1,500	<4.0		
CT-3	04/12/10	9.42	6.68	0.00	04/12/10	-		-		-		-	-	-	-		SA (1,3)
CT-3	07/12/10	10.40	5.43	0.00	07/15/10	11,000		<4,000	5	200		23	980	1,200	<2.5		
CT-3	01/10/11	6.72	9.11	0.00	01/12/11	20,000		-		210		55	1,500	2,200	1.6	J	
CT-3	07/11/11	7.16	8.67	0.00	07/12/11	24,000		<4,000	5	200		38	1,200	2,100	2.1	J	

Table 2
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Former Tesoro Terminal
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West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)		Benzene (ug/L)		Toluene (ug/L)	Ethyl-benzene (ug/L)		Xylenes (ug/L)	MTBE (ug/L)		Comment
UP-2	01/11/10	15.03	5.23	0.00	01/12/10	6,300	<2,000	5	960		12	19		4.5	<0.90		
UP-2	04/12/10	-	-	-	04/12/10	-	-		-		-	-		-	-		Inaccessible - train parked over well
UP-2	07/12/10	-	-	-	07/12/10	-	-		-		-	-		-	-		Inaccessible - train parked over well
UP-2	01/10/11	-	-	-	01/10/11	-	-		-		-	-		-	-		Inaccessible - train parked over well
UP-2	07/11/11	10.45	9.81	0.00	07/13/11	110	270	14,16	0.40	J	<0.50	0.21	J	<0.50	0.42	J	
SV-1	01/11/10	11.40	5.46	0.00	01/11/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	04/12/10	9.16	7.70	0.00	04/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	07/12/10	10.26	6.29	0.00	07/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	10/15/10	11.80	4.75	0.00	10/15/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	01/10/11	8.96	7.59	0.00	02/04/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	04/11/11	1.36	15.19	0.00	04/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
SV-1	07/11/11	7.00	9.55	0.00	07/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	01/11/10	12.10	5.73	0.00	01/11/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	04/12/10	9.35	8.48	0.00	04/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	07/12/10	10.77	6.71	0.00	07/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	10/15/10	12.49	4.99	0.00	10/15/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	01/10/11	9.40	8.08	0.00	02/04/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	04/11/11	5.90	11.58	0.00	04/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-2	07/11/11	8.06	9.42	0.00	07/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	01/11/10	12.87	5.62	0.00	01/11/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	04/12/10	10.33	8.16	0.00	04/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	07/12/10	11.03	7.09	0.00	07/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	10/15/10	12.90	5.22	0.00	10/15/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	01/10/11	9.31	8.81	0.00	02/04/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	04/11/11	6.28	11.84	0.00	04/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-3	07/11/11	7.80	10.32	0.00	07/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	01/11/10	12.87	5.54	0.00	01/11/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	04/12/10	10.20	8.21	0.00	04/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	07/12/10	11.17	6.87	0.00	07/12/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	10/15/10	12.77	5.27	0.00	10/15/10	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	01/10/11	8.76	9.28	0.00	02/04/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	04/11/11	5.98	12.06	0.00	04/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP
VE-4	07/11/11	8.90	9.14	0.00	07/11/11	-	-		-		-	-		-	-		Not required to be sampled per MRP

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comment
VE-6	01/11/10	23.79	5.98	0.00	01/11/10	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	04/12/10	25.20	4.57	0.00	04/12/10	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	07/12/10	21.20	8.57	0.00	07/12/10	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	10/11/10	23.18	6.59	0.00	10/11/10	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	01/10/11	19.17	10.60	0.00	01/10/11	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	04/11/11	16.60	13.17	0.00	04/11/11	-	-	-	-	-	-	-	Not required to be sampled per MRP
VE-6	07/11/11	18.67	11.10	0.00	07/11/11	-	-	-	-	-	-	-	Not required to be sampled per MRP
Tesoro B-Zone													
MW-23T	01/11/10	29.73	4.27	0.00	01/13/10	<50	66	<0.50	<0.50	<0.50	<0.50	11	
MW-23T	01/11/10	-	-	-	01/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	14	QCDup-1B
MW-23T	04/12/10	28.00	6.00	0.00	04/15/10	<50	<50	<0.50	<0.50	<0.50	<0.50	23	
MW-23T	04/12/10	-	-	-	04/15/10	<50	<50	<0.50	<0.50	<0.50	<0.50	22	QCDup-1B
MW-23T	07/12/10	28.12	5.72	0.00	07/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	9.6	
MW-23T	07/12/10	-	-	-	07/13/10	<50	<50	<0.50	<0.50	<0.50	<0.50	8.9	QCDup-1B
MW-23T	01/10/11	25.20	8.64	0.00	01/12/11	<50	-	0.28 J	<0.50	<0.50	<0.50	4.8	SA (1,3)
MW-23T	01/10/11	-	-	-	01/12/11	<50	-	0.27 J	<0.50	<0.50	<0.50	4.6	QCDup-1B
MW-23T	07/11/11	26.20	7.64	0.00	07/13/11	<50	41 J[16]	<0.50	<0.50	<0.50	<0.50	1.5	
MW-23T	07/11/11	-	-	-	07/13/11	<50	36 J[16]	<0.50	<0.50	<0.50	<0.50	1.2	QCDup-1B
MW-24T	01/11/10	32.10	4.07	0.00	01/13/10	<90	73	<0.90	<0.90	<0.90	1.2	490	
MW-24T	04/12/10	30.36	5.81	0.00	04/14/10	<50	120	<0.50	<0.50	<0.50	<0.50	14	
MW-24T	07/12/10	30.45	5.57	0.00	07/13/10	<50	200 [8,14]	2.2	1.8	<0.50	0.62	320	
MW-24T	01/10/11	27.45	8.57	0.00	01/12/11	<50	-	<0.50	<0.50	<0.50	<0.50	31	SA (1,3)
MW-24T	07/11/11	28.42	7.60	0.00	07/13/11	<100	55 [16]	<1.0	<1.0	<1.0	<1.0	730	
MW-25T	01/11/10	25.70	4.40	0.00	01/13/10	<50	93 [8]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-25T	04/12/10	24.05	6.05	0.00	04/15/10	<50	110 [8,14]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-25T	07/12/10	23.56	6.37	0.00	07/13/10	<50	71 [8,14]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-25T	10/11/10	25.25	4.68	0.00	10/11/10	-	-	-	-	-	-	-	SA (1,3)
MW-25T	01/10/11	21.32	8.61	0.00	01/11/11	<50	-	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-25T	04/11/11	17.90	12.03	0.00	04/11/11	-	-	-	-	-	-	-	SA (1,3)
MW-25T	07/11/11	22.22	7.71	0.00	07/13/11	<50	52 [14,16]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-30T	01/11/10	11.35	4.65	0.00	01/12/10	<50	<50	<0.50	0.83	<0.50	0.67	<0.50	
MW-30T	04/12/10	9.56	6.44	0.00	04/12/10	-	-	-	-	-	-	-	SA (1,3)
MW-30T	07/12/10	9.74	6.19	0.00	07/14/10	<50	180 [14]	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-30T	01/10/11	7.46	8.47	0.00	01/11/11	<50	-	<0.50	0.82	0.18 J	0.70	<0.50	
MW-30T	07/11/11	7.63	8.30	0.00	07/12/11	<50	36 J	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2
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1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)		TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)		Comment
MW-31T	01/11/10	11.40	4.30	0.00	01/12/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
MW-31T	04/12/10	9.76	5.94	0.00	04/12/10	-		-		-	-	-	-	-		SA (1,3)
MW-31T	07/12/10	9.95	5.67	0.00	07/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
MW-31T	01/10/11	7.40	8.22	0.00	01/11/11	<50		-		<0.50	<0.50	<0.50	<0.50	0.18	J	
MW-31T	07/11/11	7.77	7.85	0.00	07/12/11	<50		40	J	<0.50	<0.50	<0.50	<0.50	0.16	J	
MW-33R	01/11/10	11.90	4.22	0.00	01/14/10	340		190		130	2.3	1.5	3.4	1.4		
MW-33R	04/12/10	10.10	6.02	0.00	04/13/10	770		<200	5	150	4.8	2.4	8.2	1.5		
MW-33R	07/12/10	10.31	5.63	0.00	07/13/10	2,300		<800	5	510	12	6.4	15	0.97		
MW-33R	10/11/10	11.50	4.44	0.00	10/11/10	-		-		-	-	-	-	-		SA (1,3)
MW-33R	01/10/11	7.50	8.44	0.00	01/12/11	530		-		58	1.1	1.3	2.0	0.90		
MW-33R	04/11/11	2.16	13.78	0.00	04/11/11	-		-		-	-	-	-	-		SA (1,3)
MW-33R	07/11/11	8.13	7.81	0.00	07/11/11	820		<200	5	210	5.6	2.9	4.9	<0.50		
MW-37T	01/11/10	11.35	3.76	0.00	01/14/10	<50		57	14	1.2	1.6	<0.50	1.6	<0.50		
MW-37T	04/12/10	9.67	5.44	0.00	04/14/10	73		250	14	0.52	0.91	<0.50	2.3	<0.50		
MW-37T	07/12/10	9.81	5.35	0.00	07/15/10	<50		380	14	<0.50	<0.50	<0.50	<0.50	<0.50		
MW-37T	01/10/11	6.85	8.31	0.00	01/12/11	<50		-		<0.50	<0.50	<0.50	<0.50	<0.50		SA (1,3)
MW-37T	07/11/11	7.78	7.38	0.00	07/11/11	33	J	120	8	<0.50	<0.50	<0.50	<0.50	<0.50		
MW-38T	01/11/10	11.10	4.42	0.00	01/14/10	<50		90	14	0.56	0.68	<0.50	0.56	<0.50		
MW-38T	04/12/10	9.32	6.20	0.00	04/14/10	<50		140	14	<0.50	0.74	<0.50	1.1	<0.50		
MW-38T	07/12/10	9.50	5.87	0.00	07/15/10	<50		260	14	<0.50	<0.50	<0.50	<0.50	0.92		
MW-38T	01/10/11	6.80	8.57	0.00	01/12/11	<50		-		<0.50	<0.50	<0.50	<0.50	1.2		SA (1,3)
MW-38T	07/11/11	7.47	7.90	0.00	07/11/11	26	J	82	8	<0.50	<0.50	<0.50	<0.50	0.40	J	
MW-50T	01/11/10	35.69	1.90	0.00	01/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	0.90		
MW-50T	04/12/10	32.61	4.98	0.00	04/14/10	<50		<50		<0.50	<0.50	<0.50	<0.50	3.5		
MW-50T	07/12/10	32.00	5.50	0.00	07/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	1.7		
MW-50T	01/10/11	29.50	8.00	0.00	01/11/11	<50		-		<0.50	<0.50	<0.50	<0.50	0.99		SA (1,3)
MW-50T	07/11/11	30.40	7.10	0.00	07/13/11	<50		43	J16	<0.50	<0.50	<0.50	<0.50	15		
QA/QC Samples																
QCEB-1	-	-	-	-	01/12/10	<50		<50		1.7	<0.50	<0.50	<0.50	<0.50		
QCEB-2	-	-	-	-	01/12/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
QCEB-1	-	-	-	-	04/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
QCEB-2	-	-	-	-	04/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
QCEB-1	-	-	-	-	07/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
QCEB-2	-	-	-	-	07/13/10	<50		<50		<0.50	<0.50	<0.50	<0.50	<0.50		
QCEB-1	-	-	-	-	10/11/10	<50		-		<0.50	<0.50	<0.50	<0.50	<0.50		

Table 2
Recent Groundwater Elevation and Analytical Data - Petroleum Hydrocarbons and MTBE
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well	Gauge Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Product Thickness (feet)	Sample Date	TPHg (ug/L)	TPHd (ug/L)		Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	Comment
QCEB-1	-	-	-	-	01/11/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCEB-2	-	-	-	-	01/11/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCEB-1	-	-	-	-	04/11/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCEB-1	-	-	-	-	07/11/11	<50	23	J	<0.50	<0.50	<0.50	<0.50	<0.50	
QCEB-2	-	-	-	-	07/13/11	<50	31	J[16]	<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	01/12/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-2	-	-	-	-	01/12/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	04/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-2	-	-	-	-	04/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	07/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-2	-	-	-	-	07/13/10	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	10/11/10	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	01/11/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	04/11/11	<50	-		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-1	-	-	-	-	07/11/11	<50	<50		<0.50	<0.50	<0.50	<0.50	<0.50	
QCTB-2	-	-	-	-	07/15/11 [13]	<50	43	J[16]	<0.50	<0.50	<0.50	<0.50	<0.50	

Notes: Contents of this table are a subset of the historical table found in Appendix E; footnote numbering is the same as in Appendix E.
New MRP R5-2010-0821 was issued in September 2010. Beginning with fourth quarter 2010, wells were switched to semi-annual sampling during first and third quarters with the exception of the following six wells which continue to be sampled quarterly: MW-09T, MW-11T, MW-28T, MW-34T, P-6, and P-7.

MSL = Mean Sea Level
- = Not Recorded or Data Not Available
ug/L = Micrograms per liter
BTEX = Benzene, Toluene, Ethyl benzene, and Xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether by EPA Method 8260B.
TPHg = Total Petroleum Hydrocarbons calculated as gasoline by EPA Method 8260B; gasoline range organics C4-C12.
TPHd = Total Petroleum Hydrocarbons calculated as diesel, by EPA Method 8015M; diesel range organics C10-C28.

QA/QC = Quality Assurance/Quality Control
QCEB = Equipment Blank
QCTB = Trip Blank
MRL = Method Reporting Limit
MDL = Method Detection Limit
SPH = Separate Phase Hydrocarbons
SA (1,3) = Sampled semiannually during first and third quarters
A (3) = Sampled annually during third quarter

5 = The Method Reporting Limit has been increased due to the presence of an interfering compound.
8 = Hydrocarbons are higher-boiling than typical diesel fuel.
13 = Samples were analyzed by EPA Method 8260B using bottles that contained headspace bubbles greater than 1/4 inch in diameter.
14 = Discrete peaks in diesel range, atypical of diesel fuel.
15 = Hydrocarbons are lower-boiling than typical diesel fuel.
16 = The method blank associated with this sample contained trace TPHd at a concentration between the MDL and MRL.
17 = The method blank associated with this sample contained trace TPHg at a concentration between the MDL and MRL.
J = Value reported between MDL and MRL and should be considered an estimate.

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)		Comments
Tesoro A-Zone											
MW-01T	01/15/10	<9.0	<9.0	<9.0	<9.0	<50		<900	<90		
MW-01T	04/15/10	<5.0	<5.0	<5.0	<5.0	<25		<500	<50		
MW-01T	07/14/10	<5.0	<5.0	<5.0	<5.0	<25		<500	<50		
MW-01T	01/12/11	<2.5	<2.5	<2.5	<2.5	15	14	-	-		
MW-01T	07/13/11	<4.0	<4.0	<4.0	<4.0	<20		-	-		
MW-02T	01/11/10	-	-	-	-	-		-	-		Dry well
MW-02T	04/12/10	-	-	-	-	-		-	-		SA (1, 3)
MW-02T	07/13/10	<0.50	-	-	-	-		-	-		
MW-02T	01/12/11	<0.50	-	-	-	-		-	-		
MW-02T	07/13/11	<0.50	-	-	-	-		-	-		
RW-03T	01/15/10	25	<20	<20	<20	150		<2,000	<200		
RW-03T	04/12/10	-	-	-	-	-		-	-		SA (1, 3)
RW-03T	07/14/10	<2.0	<2.0	<2.0	<2.0	17		<200	<20		
RW-03T	01/12/11	6.4	<2.0	<2.0	<2.0	46		-	-		
RW-03T	07/13/11	<0.50	<0.50	<0.50	<0.50	4.9	J	-	-		
MW-04T	01/11/10	-	-	-	-	-		-	-		A (3)
MW-04T	04/12/10	-	-	-	-	-		-	-		A (3)
MW-04T	07/14/10	1.3	<1.0	<1.0	<1.0	12		<100	<20	11	SA (1, 3)
MW-04T	01/12/11	6.6	<4.0	<4.0	<4.0	67	14	-	-		
MW-04T	07/13/11	3.9	<2.5	<2.5	<2.5	26		-	-		
MW-05T	01/15/10	<9.0	<9.0	<9.0	<9.0	260		<900	<90		
MW-05T	04/15/10	<5.0	<5.0	<5.0	<5.0	26		<900	<50		
MW-05T	07/14/10	<2.5	<2.5	<2.5	<2.5	22		<250	<25		
MW-05T	01/12/11	<2.5	<2.5	<2.5	<2.5	86		-	-		
MW-05T	07/13/11	<0.70	<0.70	<0.70	<0.70	15		-	-		

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-06T	01/15/10	<1.5		<1.5	<1.5	<1.5	<7.0		<150	-	
MW-06T	04/15/10	<0.50		<0.50	<0.50	<0.50	<5.0		<100	-	
MW-06T	07/14/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	-	
MW-06T	01/12/11	0.26	J	<0.50	<0.50	<0.50	5.8		-	-	
MW-06T	07/13/11	0.67		-	-	-	6.6		-	-	
MW-07T	01/15/10	<15		<15	<15	<15	76		<1,500	<150	
MW-07T	04/15/10	<25		<25	<25	<25	<150		<2,500	<250	
MW-07T	07/14/10	<20		<20	<20	<20	<90		<2,000	<200	
MW-07T	01/12/11	6.4	J	<8.0	<8.0	<8.0	66	14	-	-	
MW-07T	07/13/11	<15		<15	<15	<15	42	J	-	-	
RW-08T	01/15/10	31		<2.5	<2.5	<2.5	98		<250	<50	
RW-08T	04/15/10	35		<5.0	<5.0	<5.0	100		<500	<50	
RW-08T	07/14/10	6.4		<0.90	<0.90	<0.90	59		<90	<9.0	
RW-08T	01/12/11	5.5		<0.50	<0.50	<0.50	56	14	-	-	
RW-08T	07/13/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-09T	01/12/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-09T	04/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-09T	07/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-09T	10/11/10	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-09T	01/11/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-09T	04/11/11	<0.50		<0.50	<0.50	<0.50	1.4	J	-	-	
MW-09T	07/11/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
RW-10T	01/13/10	2.4		<1.5	<1.5	<1.5	54		<150	-	
RW-10T	04/12/10	-		-	-	-	-		-	-	SA (1, 3)
RW-10T	07/14/10	4.5		<4.0	<4.0	<4.0	22		<400	-	
RW-10T	01/12/11	8.3		<4.0	<4.0	<4.0	35	14	-	-	
RW-10T	07/13/11	3.2		<1.5	<1.5	<1.5	20		-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-11T	01/12/10	11	<2.0	<2.0	<2.0	28		<200	<20	
MW-11T	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-11T	07/13/10	1.0	<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-11T	10/11/10	10	<0.90	<0.90	<0.90	30		-	-	
MW-11T	01/11/11	5.0	<0.50	<0.50	<0.50	21		-	-	
MW-11T	04/11/11	<0.50	<0.50	<0.50	<0.50	1.5	J[14]	-	-	
MW-11T	07/11/11	<0.50	<0.50	<0.50	<0.50	<5.0		-	-	
MW-12T	01/13/10	1.8	-	-	-	<5.0		-	-	
MW-12T	04/14/10	0.60	-	-	-	<5.0		-	-	
MW-12T	07/13/10	5.3	-	-	-	<5.0		-	-	
MW-12T	01/12/11	<0.50	-	-	-	<5.0		-	-	
MW-12T	07/13/11	2.5	-	-	-	3.6	J	-	-	
RW-13T	01/11/10	-	-	-	-	-		-	-	A (3)
RW-13T	04/12/10	-	-	-	-	-		-	-	A (3)
RW-13T	07/14/10	<0.50	<0.50	<0.50	<0.50	<5.0		<50	<5.0	
RW-13T	01/12/11	3.1	<0.50	<0.50	<0.50	24		-	-	
RW-13T	07/13/11	1.3	-	-	-	7.8		-	-	
MW-14T	01/12/10	<0.50	-	-	-	-		-	-	
MW-14T	04/12/10	-	-	-	-	-		-	-	SA (1, 3)
MW-14T	07/13/10	<0.50	-	-	-	-		-	-	
MW-14T	01/11/11	<0.50	-	-	-	-		-	-	
MW-14T	07/12/11	<0.50	-	-	-	-		-	-	
MW-15T	01/13/10	<0.50	-	-	-	-		-	-	
MW-15T	04/13/10	<0.50	-	-	-	-		-	-	
MW-15T	07/14/10	<0.50	-	-	-	-		-	-	
MW-15T	01/11/11	<0.50	-	-	-	-		-	-	
MW-15T	07/12/11	<0.50	-	-	-	-		-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-16T	01/12/10	<0.50		-	-	-	-	-	-	
MW-16T	04/12/10	-		-	-	-	-	-	-	SA (1, 3)
MW-16T	07/14/10	<0.50		-	-	-	-	-	-	
MW-16T	01/11/11	<0.50		-	-	-	-	-	-	
MW-16T	07/12/11	<0.50		-	-	-	-	-	-	
MW-17R	01/12/10	<0.50		-	-	-	-	-	-	
MW-17R	04/13/10	<0.50		-	-	-	-	-	-	
MW-17R	07/13/10	<0.50		-	-	-	-	-	-	
MW-17R	01/11/11	<0.50		-	-	-	-	-	-	
MW-17R	07/12/11	<0.50		-	-	-	-	-	-	
MW-18R	01/13/10	<0.50		-	-	-	-	-	-	
MW-18R	04/13/10	<0.50		-	-	-	-	-	-	
MW-18R	07/14/10	<0.50		-	-	-	-	-	-	
MW-18R	01/11/11	<0.50		-	-	-	-	-	-	
MW-18R	07/12/11	0.20	J	-	-	-	-	-	-	
MW-19T	01/13/10	<0.50		<0.50	<0.50	<0.50	15	<100	-	
MW-19T	04/14/10	2.1		<0.90	<0.90	<0.90	22	<100	-	
MW-19T	07/15/10	<0.50		<0.50	<0.50	<0.50	<5.0	<100	-	
MW-19T	01/11/11	3.3		<0.80	<0.80	<0.80	22	-	-	
MW-19T	07/12/11	0.37	J	-	-	-	5.8	-	-	
MW-21T	01/13/10	6.8		-	-	-	86	-	-	
MW-21T	04/12/10	-		-	-	-	-	-	-	SA (1, 3)
MW-21T	07/15/10	3.2		-	-	-	39	-	-	
MW-21T	01/11/11	9.1		-	-	-	44	-	-	
MW-21T	07/12/11	10		-	-	-	71	-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-22T	01/13/10	<30		<30	<30	<30	800		<3,000	<300	
MW-22T	04/14/10	<30		<30	<30	<30	530		<3,000	<300	
MW-22T	07/15/10	<15		<15	<15	<15	480		<1,500	<150	
MW-22T	01/11/11	14	J	<15	<15	<15	360		-	-	
MW-22T	07/12/11	<1.5		<1.5	<1.5	<1.5	19		-	-	
MW-28T	01/12/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-28T	04/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-28T	07/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
MW-28T	10/11/10	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-28T	01/11/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-28T	04/11/11	<0.50		<0.50	<0.50	<0.50	1.6	J	-	-	
MW-28T	07/11/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
MW-34T	01/12/10	<15		<15	<15	<15	<70		<1,500	<150	
MW-34T	04/13/10	<15		<15	<15	<15	<70		<1,500	<150	
MW-34T	07/13/10	<15		<15	<15	<15	<70		<1,500	<150	
MW-34T	10/11/10	<15		<15	<15	<15	<70		-	-	
MW-34T	01/11/11	<15		<15	<15	<15	46	J	-	-	
MW-34T	04/11/11	<15		<15	<15	<15	43	J	-	-	
MW-34T	07/11/11	<15		<15	<15	<15	<70		-	-	
MW-35T	01/14/10	2.2		-	-	-	-		-	-	
MW-35T	04/13/10	<0.50		-	-	-	-		-	-	
MW-35T	07/13/10	<0.50		-	-	-	-		-	-	
MW-35T	01/12/11	1.7		-	-	-	-		-	-	
MW-35T	07/11/11	<0.50		-	-	-	-		-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)		Ethanol (ug/L)	Comments
MW-36T	01/15/10	<25		<25	<25	<25	150		<2,500		<250	
MW-36T	04/14/10	<5.0		<5.0	<5.0	<5.0	70		<2,000	11	<50	
MW-36T	07/15/10	<5.0		<5.0	<5.0	<5.0	50		<500		<50	
MW-36T	01/12/11	9.2	J	<25	<25	<25	180		-		-	
MW-36T	07/12/11	2.6		<1.5	<1.5	<1.5	16		-		-	
MW-40T	01/15/10	<0.50		-	-	-	-		-		-	
MW-40T	04/14/10	<0.50		-	-	-	-		-		-	
MW-40T	07/13/10	<0.50		-	-	-	-		-		-	
MW-40T	01/12/11	<0.50		-	-	-	-		-		-	
MW-40T	07/12/11	<0.50		-	-	-	-		-		-	
MW-41T	01/15/10	<8.0		<8.0	<8.0	<8.0	<40		<800		<80	
MW-41T	04/14/10	<9.0		<9.0	<9.0	<9.0	<50		<900		<90	
MW-41T	07/15/10	<7.0		<7.0	<7.0	<7.0	45		<700		<70	
MW-41T	01/12/11	<5.0		<5.0	<5.0	<5.0	24	J	-		-	
MW-41T	07/12/11	<4.0		<4.0	<4.0	<4.0	23		-		-	
MW-46T	01/12/10	<0.50		-	-	-	-		-		-	
MW-46T	04/13/10	<0.50		-	-	-	-		-		-	
MW-46T	07/13/10	<0.50		-	-	-	-		-		-	
MW-46T	01/11/11	<0.50		-	-	-	-		-		-	
MW-46T	07/12/11	<0.50		-	-	-	-		-		-	
MW-49T	01/15/10	<0.50		-	-	-	-		-		-	
MW-49T	04/14/10	<0.50		-	-	-	-		-		-	
MW-49T	07/13/10	<0.50		-	-	-	-		-		-	
MW-49T	01/12/11	<0.50		-	-	-	-		-		-	
MW-49T	07/12/11	<0.50		-	-	-	-		-		-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
P-1	01/11/10	2.6	-	-	-	-		-	-	
P-1	04/12/10	0.61	-	-	-	-		-	-	
P-1	07/15/10	1.2	-	-	-	-		-	-	
P-1	01/11/11	0.50	-	-	-	-		-	-	
P-1	07/15/11	<0.50	-	-	-	-		-	-	
P-2	01/11/10	<0.50	-	-	-	-		-	-	
P-2	04/12/10	<0.50	-	-	-	-		-	-	
P-2	07/15/10	<0.50	-	-	-	-		-	-	
P-2	01/11/11	<0.50	-	-	-	-		-	-	
P-2	07/15/11	<0.50	-	-	-	-		-	-	
P-3	01/11/10	<9.0	<9.0	<9.0	<9.0	<50		<900	<90	
P-3	04/12/10	<20	<20	<20	<20	<90		<2,000	<200	
P-3	07/15/10	<25	<25	<25	<25	<150		<2,500	<500	
P-3	01/11/11	<20	<20	<20	<20	<90		-	-	
P-3	07/15/11	<10	<10	<10	<10	26	J	-	-	
P-5	01/14/10	<0.50	-	-	-	-		-	-	
P-5	01/14/10	<0.50	-	-	-	-		-	-	QCDup-1A
P-5	04/15/10	<0.50	-	-	-	-		-	-	
P-5	04/15/10	<0.50	-	-	-	-		-	-	QCDup-1A
P-5	07/15/10	<0.50	-	-	-	-		-	-	
P-5	07/15/10	<0.50	-	-	-	-		-	-	QCDup-1A
P-5	01/12/11	<0.50	-	-	-	-		-	-	
P-5	01/12/11	<0.50	-	-	-	-		-	-	QCDup-1A
P-5	07/11/11	<0.50	-	-	-	-		-	-	
P-5	07/11/11	<0.50	-	-	-	-		-	-	QCDup-1A

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)	Ethanol (ug/L)	Comments
P-6	01/12/10	<5.0		<5.0	<5.0	<5.0	<25		<500	<50	
P-6	04/13/10	<5.0		<5.0	<5.0	<5.0	<25		<500	<50	
P-6	07/13/10	<4.0		<4.0	<4.0	<4.0	22		<400	<40	
P-6	10/11/10	<4.0		<4.0	<4.0	<4.0	22		-	-	
P-6	01/11/11	<2.0		<2.0	<2.0	<2.0	20		-	-	
P-6	04/11/11	0.90	J	<2.0	<2.0	<2.0	21		-	-	
P-6	07/11/11	1.4	J	<5.0	<5.0	<5.0	20	J	-	-	
P-7	01/12/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
P-7	04/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
P-7	07/13/10	<0.50		<0.50	<0.50	<0.50	<5.0		<50	<5.0	
P-7	10/11/10	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
P-7	01/11/11	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
P-7	04/11/11	<2.0		<2.0	<2.0	<2.0	<9.0		-	-	
P-7	07/11/11	<2.0		<2.0	<2.0	<2.0	<9.0		-	-	
CT-2	01/15/10	<0.80		<0.80	<0.80	<0.80	6.1		-	-	
CT-2	04/14/10	<0.50		<0.50	<0.50	<0.50	19		-	-	
CT-2	07/15/10	<0.50		<0.50	<0.50	<0.50	<5.0		-	-	
CT-2	01/12/11	<1.5		<1.5	<1.5	<1.5	4.7	J	-	-	
CT-2	07/12/11	<0.50		-	-	-	2.2	J	-	-	
CT-3	01/15/10	<4.0		<4.0	<4.0	<4.0	<20		<400	<50	
CT-3	04/12/10	-		-	-	-	-		-	-	SA (1, 3)
CT-3	07/15/10	<2.5		<2.5	<2.5	<2.5	<15		<250	<50	
CT-3	01/12/11	1.6	J	<3.0	<3.0	<3.0	9.5	J	-	-	
CT-3	07/12/11	2.1	J	<3.0	<3.0	<3.0	8.2	J	-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)		Methanol (ug/L)		Ethanol (ug/L)	Comments
UP-2	01/12/10	<0.90		<0.90	<0.90	<0.90	<5.0		<100		-	
UP-2	04/12/10	-		-	-	-	-		-		-	Inaccessible - train parked over well
UP-2	07/12/10	-		-	-	-	-		-		-	Inaccessible - train parked over well
UP-2	01/10/11	-		-	-	-	-		-		-	Inaccessible - train parked over well
UP-2	07/13/11	0.42	J	<0.50	<0.50	<0.50	4.5	J	-		-	
Tesoro B-Zone												
MW-23T	01/13/10	11		-	-	-	-		-		-	
MW-23T	01/13/10	14		-	-	-	-		-		-	QCDup-1B
MW-23T	04/15/10	23		-	-	-	-		-		-	
MW-23T	04/15/10	22		-	-	-	-		-		-	QCDup-1B
MW-23T	07/13/10	9.6		-	-	-	-		-		-	
MW-23T	07/13/10	8.9		-	-	-	-		-		-	QCDup-1B
MW-23T	01/12/11	4.8		-	-	-	-		-		-	
MW-23T	01/12/11	4.6		-	-	-	-		-		-	QCDup-1B
MW-23T	07/13/11	1.5		-	-	-	-		-		-	
MW-23T	07/13/11	1.2		-	-	-	-		-		-	QCDup-1B
MW-24T	01/13/10	490		<0.90	<0.90	<0.90	-		<400	11	-	
MW-24T	04/14/10	14		<0.50	<0.50	<0.50	-		<100		-	
MW-24T	07/13/10	320		<0.50	<0.50	<0.50	-		<300	11	-	
MW-24T	01/12/11	31		<0.50	<0.50	<0.50	-		-		-	
MW-24T	07/13/11	730		-	-	-	-		-		-	
MW-25T	01/13/10	<0.50		-	-	-	-		-		-	
MW-25T	04/15/10	<0.50		-	-	-	-		-		-	
MW-25T	07/13/10	<0.50		-	-	-	-		-		-	
MW-25T	01/11/11	<0.50		-	-	-	-		-		-	
MW-25T	07/13/11	<0.50		-	-	-	-		-		-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)		DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-30T	01/12/10	<0.50		-	-	-	-	-	-	
MW-30T	04/12/10	-		-	-	-	-	-	-	SA (1, 3)
MW-30T	07/14/10	<0.50		-	-	-	-	-	-	
MW-30T	01/11/11	<0.50		-	-	-	-	-	-	
MW-30T	07/12/11	<0.50		-	-	-	-	-	-	
MW-31T	01/12/10	<0.50		-	-	-	-	-	-	
MW-31T	04/12/10	-		-	-	-	-	-	-	SA (1, 3)
MW-31T	07/13/10	<0.50		-	-	-	-	-	-	
MW-31T	01/11/11	0.18	J	-	-	-	-	-	-	
MW-31T	07/12/11	0.16	J	-	-	-	-	-	-	
MW-33R	01/14/10	1.4		<0.50	<0.50	<0.50	<5.0	<100	-	
MW-33R	04/13/10	1.5		<0.50	<0.50	<0.50	12	<100	-	
MW-33R	07/13/10	0.97		<0.50	<0.50	<0.50	20	<100	-	
MW-33R	01/12/11	0.90		<0.50	<0.50	<0.50	14	-	-	
MW-33R	07/11/11	<0.50		-	-	-	5.9	-	-	
MW-37T	01/14/10	<0.50		-	-	-	-	-	-	
MW-37T	04/14/10	<0.50		-	-	-	-	-	-	
MW-37T	07/15/10	<0.50		-	-	-	-	-	-	
MW-37T	01/12/11	<0.50		-	-	-	-	-	-	
MW-37T	07/11/11	<0.50		-	-	-	-	-	-	
MW-38T	01/14/10	<0.50		-	-	-	-	-	-	
MW-38T	04/14/10	<0.50		-	-	-	-	-	-	
MW-38T	07/15/10	0.92		-	-	-	-	-	-	
MW-38T	01/12/11	1.2		-	-	-	-	-	-	
MW-38T	07/11/11	0.40	J	-	-	-	-	-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Well Number	Sample Date	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Methanol (ug/L)	Ethanol (ug/L)	Comments
MW-50T	01/13/10	0.90	-	-	-	-	-	-	
MW-50T	04/14/10	3.5	-	-	-	-	-	-	
MW-50T	07/13/10	1.7	-	-	-	-	-	-	
MW-50T	01/11/11	0.99	-	-	-	-	-	-	
MW-50T	07/13/11	15	-	-	-	-	-	-	
QA/QC Samples									
QCEB-1	01/12/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCEB-2	01/12/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB-1	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCEB-2	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB-1	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCEB-2	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCEB-1	10/11/10	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCEB-1	01/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCEB-2	01/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCEB-1	04/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCEB-1	07/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCEB-2	07/13/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCTB-1	01/12/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCTB-2	01/12/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB-1	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCTB-2	04/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB-1	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	
QCTB-2	07/13/10	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<50	
QCTB-1	10/11/10	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCTB-1	01/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCTB-1	04/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCTB-1	07/11/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	
QCTB-2	07/15/11	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	

Table 3
Recent Groundwater Analytical Data - Fuel Oxygenates
Former Tesoro Terminal
1700 South River Road
West Sacramento, California

Notes: Contents of this table are a subset of the historical table found in Appendix F; footnote numbering is the same as in Appendix F.

New MRP R5-2010-0821 was issued in September 2010. Beginning with fourth quarter 2010, wells were switched to semi-annual sampling during first and third quarters with the exception of the following six wells which continue to be sampled quarterly: MW-09T, MW-11T, MW-28T, MW-34T, P-6, and P-7.

Analyses by EPA Method 8260B.

TBA	= Tertiary butyl alcohol	QA/QC	= Quality Assurance/Quality Control
MTBE	= Methyl tertiary butyl ether	QCEB	= Equipment Blank
DIPE	= Di-isopropyl ether	QCTB	= Trip Blank
ETBE	= Ethyl tertiary butyl ether	QCDup	= Duplicate Sample
TAME	= Tertiary amyl methyl ether	SA (1, 3)	= Sampled semiannually during first and third quarters.
ug/L	= Micrograms per liter	A (3)	= Sampled annually during third quarter.
-	= Not Recorded or Data Not Available	SPH	= Separate Phase Hydrocarbons

[11] = The Method Reporting Limit has been increased due to the presence of an interfering compound.

[14] = The method blank associated with this sample contained traceTBA at a concentration between the MDL and MRL.

J = Value reported between Method Detection Limit (MDL) and Method Reporting Limit (MRL) and should be considered an estimate.

Table 2
Recent Groundwater Elevation and Analytical Data
7-Eleven Store #14093
1552 Jefferson Boulevard
West Sacramento, California

Well ID	Sample Date	TOC Elev (feet msl)	DTW (feet bgs)	SPT (feet)	WTE (feet msl)	TPHg (µg/L)	TPHd (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (mg/L)	Notes
A-Zone Wells																		
MW-1	10/11/10	17.35	11.47	0.00	5.88	69,000	--	8,700	7,500	2,400	7,800	<15	<70	<15	<15	<15	0.1	
MW-1	02/11/11	17.35	9.42	0.00	7.93	17,000	--	6,000	99	690	770	<15	<70	<15	<15	<15	0.5	
MW-1	04/11/11	17.35	5.70	0.00	11.65	26,000	--	7,700	540	770	920	<15	<70	<15	<15	<15	0.4	
MW-1	07/11/11	16.87	8.40	0.00	8.47	60,000	<5,000	9,000	5,900	2,000	7,400	<15	<70	<15	<15	<15	0.8	e
MW-2	10/11/10	16.69	11.48	0.00	5.21	48,000	--	9,600	710	3,000	5,200	400	1,700	<20	<20	<20	0.5	
MW-2	02/11/11	16.69	9.06	0.00	7.63	40,000	--	7,200	500	2,800	7,000	400	1,500	<20	<20	<20	0.5	
MW-2	04/11/11	16.69	5.20	0.00	11.49	31,000	--	4,600	160	1,700	3,100	180	1,100	<9.0	<9.0	<9.0	0.2	
MW-2	07/11/11	16.61	8.80	0.00	7.81	54,000	<5,000	4,500	240	4,100	10,000	230	1,400	<20	<20	<20	0.4	e
MW-3	10/11/10	16.87	11.25	0.00	5.62	62,000	--	12,000	230	5,600	7,600	<20	<90	<20	<20	<20	0.4	
MW-3	01/11/11	16.87	7.48	0.00	9.39	40,000	--	8,600	90	3,000	3,800	<20	<90	<20	<20	<20	0.6	
MW-3	04/11/11	16.87	5.54	0.00	11.33	45,000	--	9,700	82	2,800	2,900	<20	<90	<20	<20	<20	0.3	
MW-3	07/11/11	16.68	9.32	0.00	7.36	58,000	<8,000	8,300	250	4,200	7,200	<20	< 90	<20	<20	<20	0.4	e
MW-4	10/11/10	17.50	11.79	0.00	5.71	71,000	--	3,300	2,600	5,700	16,000	<15	<70	<15	<15	<15	0.2	
MW-4	01/11/11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	04/11/11	17.50	5.68	0.00	11.82	20,000	--	1,400	96	1,100	1,700	17	120	<3.0	<3.0	<3.0	0.3	
MW-4	07/11/11	17.11	9.20	0.00	7.91	9,000	<4,000	290	46	710	330	<1.5	10	<1.5	<1.5	<1.5	1.63	e
MW-6	10/11/10	15.97	11.01	0.00	4.96	36,000	--	<7.0	45	3,500	4,800	<7.0	<40	<7.0	<7.0	<7.0	0.2	
MW-6	01/10/11	15.97	6.93	0.00	9.04	12,000	--	<2.0	4.0	1,100	980	<2.0	<9	<2.0	<2.0	<2.0	0.6	
MW-6	04/11/11	15.97	4.60	0.00	11.37	3,500	--	1.2	1.8	320	270	<0.50	<5.0	<0.50	<0.50	<0.50	0.1	
MW-6	07/11/11	17.93	7.37	0.00	10.56	9,000	<4,000	<0.50	2.1	720	570	<0.50	<5.0	<0.50	<0.50	<0.50	0.7	e
MW-8	10/11/10	16.17	9.65	0.00	6.52	130,000	--	<40	18,000	5,800	26,000	<40	<200	<40	<40	<40	0.6	
MW-8	01/11/11	16.17	6.19	0.00	9.98	79,000	--	<25	12,000	3,400	16,000	<25	<150	<25	<25	<25	0.4	
MW-8	04/11/11	16.17	4.05	0.00	12.12	80,000	--	<20	10,000	3,800	16,000	<20	<90	<20	<20	<20	0.4	
MW-8	07/11/11	15.39	6.30	0.00	9.09	73,000	<8,000	<20	11,000	4,700	18,000	<20	<90	<20	<20	<20	0.45	e
MW-12	10/11/10	17.64	11.26	0.00	6.38	12,000	--	<2.0	41	1,200	1,200	<2.0	<9.0	<2.0	<2.0	<2.0	0.6	
MW-12	01/11/11	17.64	8.50	0.00	9.14	6,800	--	<0.90	10	410	52	<0.90	<5.0	<0.90	<0.90	<0.90	0.6	
MW-12	04/11/11	17.64	5.95	0.00	11.69	4,900	--	<0.50	7.3	43	21	<0.50	<5.0	<0.50	<0.50	<0.50	0.5	
MW-12	07/11/11	17.13	8.10	0.00	9.03	1,900	<600	<0.50	<0.50	5.9	1.7	<0.50	<5.0	<0.50	<0.50	<0.50	0.6	e
MW-16	10/11/10	15.77	10.43	0.00	5.34	22,000	--	85	27	1,500	2,200	<5.0	80	<5.0	<5.0	<5.0	0.4	
MW-16	01/10/11	15.77	6.32	0.00	9.45	17,000	--	300	33	1,200	1,400	5.8	360	<2.5	<2.5	<2.5	0.3	
MW-16	04/11/11	15.77	4.08	0.00	11.69	10,000	--	420	38	1,000	1,000	11	640	<2.5	<2.5	<2.5	0.3	
MW-16	07/11/11	15.46	6.94	0.00	8.52	16,000	<3,000	160	25	1,500	1,800	3.9	180	<2.5	<2.5	<2.5	0.48	e
MW-17	10/11/10	16.25	10.90	0.00	5.35	49,000	--	3,300	240	4,600	7,100	140	3,500	<9.0	<9.0	<9.0	0.2	
MW-17	01/10/11	16.25	6.60	0.00	9.65	34,000	--	3,700	100	3,300	3,100	120	3,300	<8.0	<8.0	<8.0	0.4	
MW-17	04/11/11	16.25	4.50	0.00	11.75	18,000	--	3,300	78	2,000	1,400	71	1,800	<6.0	<6.0	<6.0	0.6	
MW-17	07/11/11	15.74	7.53	0.00	8.21	35,000	<6,000	4,000	100	3,000	2,200	92	2,400	<7.0	<7.0	<7.0	0.4	e

Table 2
Recent Groundwater Elevation and Analytical Data
7-Eleven Store #14093
1552 Jefferson Boulevard
West Sacramento, California

Well ID	Sample Date	TOC Elev (feet msl)	DTW (feet bgs)	SPT (feet)	WTE (feet msl)	TPHg (µg/L)	TPHd (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (mg/L)	Notes
MW-18	10/11/10	16.86	11.10	0.00	5.76	64,000	--	540	7,400	3,700	11,000	<15	<70	<15	<15	<15	0.3	
MW-18	02/11/11	16.86	9.31	0.00	7.55	19,000	--	160	3,300	1,200	2,700	<6.0	<30	<6.0	<6.0	<6.0	0.1	
MW-18	04/11/11	16.86	5.55	0.00	11.31	6,700	--	220	400	200	650	<0.80	<5.0	<0.80	<0.80	<0.80	0.4	
MW-18	07/11/11	16.86	8.10	0.00	8.76	42,000	<3,000	220	4,100	1,900	5,800	<0.90	<5.0	<0.90	<0.90	<0.90	1.15	e
B-Zone Wells																		
MW-5	10/11/10	15.75	11.00	0.00	4.75	4,400	--	9.7	1.2	16	5.5	0.56	10	<0.50	<0.50	<0.50	1.3	
MW-5	01/10/11	15.75	7.00	0.00	8.75	520	--	0.77	<0.50	<0.50	0.96	0.60	12	<0.50	<0.50	<0.50	0.3	
MW-5	04/11/11	15.75	4.20	0.00	11.55	2,400	--	2.2	<0.50	2.1	1.3	0.70	12	<0.50	<0.50	<0.50	0.5	
MW-5	07/11/11	17.92	7.66	0.00	10.26	3,800	<800	18	1.3	14	5.0	1.1	37	<0.50	<0.50	<0.50	1.3	e
MW-7	10/11/10	16.16	11.22	0.00	4.94	3,700	--	73	22	77	68	<0.50	<5.0	<0.50	<0.50	<0.50	0.5	
MW-7	01/11/11	16.16	7.45	0.00	8.71	3,600	--	59	16	3.6	30	<0.50	<5.0	<0.50	<0.50	<0.50	3.5	
MW-7	04/21/11	16.16	5.60	0.00	10.56	<50	--	0.62	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	--	
MW-7	07/11/11	16.20	8.00	0.00	8.20	4,300	<1,000	35	20	7.4	59	<0.50	<5.0	<0.50	<0.50	<0.50	0.4	e
MW-9	10/11/10	16.31	11.29	0.00	5.02	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.2	
MW-9	01/10/11	16.31	7.97	0.00	8.34	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.8	
MW-9	04/11/11	16.31	5.30	0.00	11.01	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.5	
MW-9	07/11/11	16.04	8.16	0.00	7.88	<50	110	<0.50	<0.50	<0.50	0.62	<0.50	<5.0	<0.50	<0.50	<0.50	1.0	j, l
MW-10	10/11/10	17.23	12.43	0.00	4.80	220	--	26	1.8	1.3	4.3	2.4	<5.0	<0.50	<0.50	<0.50	0.2	
MW-10	01/11/11	17.23	6.53	0.00	10.70	1,800	--	62	41	36	150	12	22	<0.50	<0.50	<0.50	0.2	
MW-10	04/11/11	17.23	5.50	0.00	11.73	560	--	120	16	7.3	27	4.2	6.0	<0.50	<0.50	<0.50	4.3	
MW-10	07/11/11	16.92	9.17	0.00	7.75	<50	150	1.2	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.8	l
MW-11	10/11/10	17.38	12.61	0.00	4.77	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.7	
MW-11	01/11/11	17.38	8.77	0.00	8.61	<50	--	1.6	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.6	
MW-11	04/11/11	17.38	5.65	0.00	11.73	<50	--	<0.50	2.4	1.2	4.8	<0.50	<5.0	<0.50	<0.50	<0.50	5.8	
MW-11	07/11/11	17.25	9.38	0.00	7.87	180	330	16	2.9	5.1	11	1.0	<5.0	<0.50	<0.50	<0.50	1.3	l, q
MW-13	10/11/10	16.78	12.02	0.00	4.76	<50	--	0.55	<0.50	<0.50	<0.50	1.7	<5.0	<0.50	<0.50	<0.50	0.2	
MW-13	01/11/11	16.78	8.15	0.00	8.63	68	--	<0.50	9.3	1.7	7.6	0.58	<5.0	<0.50	<0.50	<0.50	6.4	
MW-13	04/11/11	16.78	5.00	0.00	11.78	<500	--	30	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	0.8	r
MW-13	05/20/11	16.78	7.39	0.00	9.39	1,200	--	400	<5.0	<5.0	<5.0	<5.0	420	<5.0	<5.0	<5.0	0.5	r
MW-13	07/11/11	16.44	8.80	0.00	7.64	930	<500	380	<5.0	<5.0	<5.0	<5.0	520	<5.0	<5.0	<5.0	0.45	r, e
MW-14	10/11/10	16.32	11.63	0.00	4.69	210	--	17	<0.50	<0.50	<0.50	6.4	85	<0.50	<0.50	<0.50	0.3	
MW-14	01/10/11	16.32	7.77	0.00	8.55	<50	--	0.70	<0.50	<0.50	<0.50	5.5	120	<0.50	<0.50	<0.50	0.3	
MW-14	04/11/11	16.32	4.62	0.00	11.70	630	--	140	2.4	10	8.7	3.5	400	<0.50	<0.50	<0.50	6.9	
MW-14	07/11/11	16.04	8.40	0.00	7.64	<50	460	1.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	3.61	
MW-15	10/11/10	15.86	11.10	0.00	4.76	<50	--	<0.50	<0.50	<0.50	<0.50	1.0	<5.0	<0.50	<0.50	<0.50	1.4	
MW-15	01/10/11	15.86	7.20	0.00	8.66	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	1.4	
MW-15	04/11/11	15.86	4.03	0.00	11.83	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	6.6	
MW-15	07/11/11	15.49	7.90	0.00	7.59	<50	310	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.7	l

Table 2
Recent Groundwater Elevation and Analytical Data
7-Eleven Store #14093
1552 Jefferson Boulevard
West Sacramento, California

Well ID	Sample Date	TOC Elev (feet msl)	DTW (feet bgs)	SPT (feet)	WTE (feet msl)	TPHg (µg/L)	TPHd (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	DO (mg/L)	Notes
Remedial Wells																		
DPE-1	06/15/11	16.57	7.45	--	9.12	28,000	<8,000	420	390	4,000	5,800	38	--	--	--	--	--	e
DPE-3	06/13/11	16.85	7.48	--	9.37	40,000	<4,000	10,000	300	2,600	5,800	<25	--	--	--	--	--	e
DPE-4	06/15/11	17.00	8.04	--	8.96	33,000	<6,000	3,000	460	3,400	6,100	<15	--	--	--	--	--	e
EX-1	06/15/11	16.55	7.75	--	8.80	37,000	<5,000	8,900	510	2,200	7,200	99	--	--	--	--	--	e

Notes

TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel
BTEX = Benzene, toluene, ethylbenzene, and xylene
MTBE = Methyl tertiary butyl ether
TBA = Tertiary butanol
DIPE = Diisopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
DTW = Depth to water
SPT = Separate-phase hydrocarbon thickness
WTE = Water table elevation
DO = Dissolved Oxygen
µg/L = micrograms per liter
mg/L = milligrams per liter
-- = Not sampled/not measured
TOC = Top of casing elevation in feet above mean sea level

Samples analyzed by EPA Method 8260B.

e = The Method Reporting Limit for TPHd is increased due to interference from Gasoline-Range Hydrocarbons.
j = Hydrocarbons reported as TPHd do not exhibit a typical Diesel chromatographic pattern. There are discrete peaks which may or may not be petroleum related.
l = Hydrocarbons are higher-boiling than typical diesel fuel.
q = Hydrocarbons are lower-boiling than typical diesel fuel.
r = For sample MW-13 the parameter 'Gasoline Hydrocarbons' was calculated by adding up the chromatographic peaks between hexane and dodecane (C6 to C12), subtracting the non-gasoline compounds (primarily Tetrahydrofuran, 2-Butanone, and Cyclohexanone) and comparing against a gasoline calibration curve.

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-1 Lower Interval	-121.5228980	38.5692985	68.00	53-68	15.00	49-68	47-49	4.00	38.18	02/17/00	NA	26.37	NA	11.81	
										05/22/00	NA	29.90	NA	8.28	
										08/14/00	NA	30.79	NA	7.39	
										11/13/00	NA	32.65	NA	5.53	
										02/22/01	NA	32.02	NA	6.16	
										05/14/01	NA	31.93	NA	6.25	
										08/15/01	NA	31.92	NA	6.26	
										10/12/01	NA	32.77	NA	5.41	
										02/04/02	NA	30.97	NA	7.21	
										04/29/02	NA	32.06	NA	6.12	
										07/29/02	NA	31.50	NA	6.68	
										11/04/02	NA	32.97	NA	5.21	
										02/03/03	NA	28.81	NA	9.37	
										05/05/03	NA	28.64	NA	9.54	
										08/05/03	NA	30.63	NA	7.55	
										10/20/03	NA	32.57	NA	5.61	
										01/19/04	NA	30.15	NA	8.03	
										04/19/04	NA	29.42	NA	8.76	
										07/19/04	NA	31.13	NA	7.05	
										10/18/04	NA	19.78	NA	18.40	***Questionable data***
										01/17/05	NA	29.65	NA	8.53	
										04/18/05	NA	30.30	NA	7.88	
										07/18/05	NA	30.88	NA	7.30	
										10/17/05	NA	32.63	NA	5.55	
										02/17/06	NA	27.57	NA	10.61	
										04/17/06	NA	23.07	NA	15.11	
										07/17/06	NA	29.77	NA	8.41	
										10/23/06	NA	32.00	NA	6.18	
										01/15/07	NA	32.32	NA	5.86	
										04/16/07	NA	31.95	NA	6.23	
										07/16/07	NA	31.60	NA	6.58	
										10/15/07	NA	32.80	NA	5.38	
										01/14/08	NA	31.63	NA	6.55	
										04/14/08	NA	32.18	NA	6.00	
										07/14/08	NA	32.30	NA	5.88	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-1 Lower Interval	-121.5228980	38.5692985	68.00	53-68	15.00	49-68	47-49	4.00	38.18	10/13/08	NA	33.40	NA	4.78	
										01/13/09	NA	33.70	NA	4.48	
										04/13/09	NA	31.93	NA	6.25	
										07/18/09	NA	32.14	NA	6.04	
										10/12/09	NA	33.08	NA	5.10	
										01/11/10	NA	33.07	NA	5.11	
										04/12/10	NA	31.53	NA	6.65	
										07/12/10	NA	31.40	NA	6.78	
										10/11/10	NA	32.63	NA	5.55	
										01/10/11	NA	28.54	NA	9.64	
										04/11/11	NA	24.97	NA	13.21	
MW-2 Upper Interval	-121.5227942	38.5692509	37.00	22-37	15.00	19-39	16-19	4.00	38.64	02/17/00	NA	25.21	NA	13.43	
										05/22/00	NA	23.95	NA	14.69	
										08/14/00	NA	26.00	NA	12.64	
										11/13/00	NA	27.67	NA	10.97	
										02/22/01	NA	27.90	NA	10.74	
										05/15/01	NA	27.45	NA	11.19	
										08/15/01	NA	27.72	NA	10.92	
										10/12/01	NA	28.22	NA	10.42	
										02/04/02	NA	25.76	NA	12.88	
										04/29/02	NA	27.08	NA	11.56	
										07/29/02	NA	27.38	NA	11.26	
										11/04/02	NA	28.31	NA	10.33	
										02/03/03	NA	23.90	NA	14.74	
										05/05/03	NA	25.12	NA	13.52	
										08/05/03	NA	25.91	NA	12.73	
										10/20/03	NA	27.45	NA	11.19	
										01/19/04	NA	25.53	NA	13.11	
										04/19/04	NA	23.68	NA	14.96	
										07/19/04	NA	26.63	NA	12.01	
										10/18/04	NA	NA	NA	NA	Unable to locate well
										11/12/04	NA	27.76	NA	10.88	
										01/17/05	NA	26.38	NA	12.26	
										04/18/05	NA	25.27	NA	13.37	
										07/18/05	NA	25.46	NA	13.18	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-2 Upper Interval	-121.5227942	38.5692509	37.00	22-37	15.00	19-39	16-19	4.00	38.64	10/17/05	NA	27.38	NA	11.26	
										02/17/06	NA	20.25	NA	18.39	
										04/17/06	NA	17.08	NA	21.56	
										07/17/06	NA	23.23	NA	15.41	
										10/23/06	NA	26.54	NA	12.10	
										01/15/07	NA	27.45	NA	11.19	
										04/16/07	NA	27.38	NA	11.26	
										07/16/07	NA	27.61	NA	11.03	
										10/15/07	NA	28.02	NA	10.62	
										01/14/08	NA	27.80	NA	10.84	
										04/14/08	NA	27.37	NA	11.27	
										07/14/08	NA	27.96	NA	10.68	
										10/13/08	NA	28.60	NA	10.04	
										01/13/09	NA	28.93	NA	9.71	
										04/13/09	NA	27.28	NA	11.36	
										07/18/09	NA	27.70	NA	10.94	
										10/12/09	NA	28.29	NA	10.35	
										01/11/10	NA	28.40	NA	10.24	
										04/12/10	NA	26.37	NA	12.27	
										07/12/10	NA	26.80	NA	11.84	
										10/11/10	NA	27.73	NA	10.91	
										01/10/11	NA	24.07	NA	14.57	
										04/11/11	NA	19.84	NA	18.80	
MW-3 Lower Interval	-121.5226551	38.5695342	76.00	46-76	30.00	43.5-76.5	41.2-43.5	4.00	37.07	02/17/00	NA	24.42	NA	12.65	
										05/22/00	NA	29.75	NA	7.32	
										08/14/00	NA	30.71	NA	6.36	
										11/13/00	NA	32.44	NA	4.63	
										02/21/01	NA	31.26	NA	5.81	
										05/15/01	NA	31.96	NA	5.11	
										08/14/01	NA	31.86	NA	5.21	
										10/12/01	NA	32.86	NA	4.21	
										02/04/02	NA	30.55	NA	6.52	
										04/29/02	NA	31.60	NA	5.47	
										07/29/02	NA	30.98	NA	6.09	
										11/04/02	NA	32.61	NA	4.46	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-3 Lower Interval	-121.5226551	38.5695342	76.00	46-76	30.00	43.5-76.5	41.2-43.5	4.00	37.07	02/03/03	NA	26.97	NA	10.10	
										05/05/03	NA	29.95	NA	7.12	
										08/05/03	NA	29.96	NA	7.11	
										10/20/03	NA	32.45	NA	4.62	
										01/19/04	NA	28.82	NA	8.25	
										04/19/04	NA	28.62	NA	8.45	
										07/19/04	NA	30.55	NA	6.52	
										10/18/04	NA	32.30	NA	4.77	
										11/12/04	NA	32.18	NA	4.89	
										01/17/05	NA	28.89	NA	8.18	
										04/18/05	NA	29.96	NA	7.11	
										07/18/05	NA	30.31	NA	6.76	
										10/17/05	NA	32.23	NA	4.84	
										02/17/06	NA	25.81	NA	11.26	
										04/17/06	NA	19.15	NA	17.92	
										07/17/06	NA	29.82	NA	7.25	
										10/23/06	NA	31.87	NA	5.20	
										01/15/07	NA	31.73	NA	5.34	
										04/16/07	NA	31.21	NA	5.86	
										07/16/07	NA	31.10	NA	5.97	
										10/15/07	NA	32.55	NA	4.52	
										01/14/08	NA	30.54	NA	6.53	
										04/14/08	NA	31.83	NA	5.24	
										07/14/08	NA	31.27	NA	5.80	
										10/13/08	NA	33.13	NA	3.94	
										11/24/08	NA	33.40	NA	3.67	
										01/13/09	NA	31.38	NA	5.69	
										01/13/09	NA	33.22	NA	3.85	
										01/21/09	NA	33.32	NA	3.75	
										03/12/09	NA	30.11	NA	6.96	
										04/13/09	NA	31.33	NA	5.74	
										07/18/09	NA	31.51	NA	5.56	
										10/12/09	NA	32.52	NA	4.55	
										01/11/10	NA	32.54	NA	4.53	
										04/12/10	NA	30.76	NA	6.31	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-3 Lower Interval	-121.5226551	38.5695342	76.00	46-76	30.00	43.5-76.5	41.2-43.5	4.00	37.07	07/12/10	NA	30.80	NA	6.27	
										10/11/10	NA	32.49	NA	4.58	
										01/10/11	NA	26.85	NA	10.22	
										04/11/11	NA	22.25	NA	14.82	
MW-4 Lower Interval	-121.5224482	38.5695111	65.00	45.1-65.1	20.00	43.1-65.1	40.6-43.1	4.00	35.72	02/17/00	NA	22.34	NA	13.38	
										05/22/00	NA	27.79	NA	7.93	
										08/14/00	NA	29.08	NA	6.64	
										11/13/00	NA	30.77	NA	4.95	
										02/22/01	NA	29.89	NA	5.83	
										05/15/01	NA	30.42	NA	5.30	
										08/14/01	NA	30.37	NA	5.35	
										10/12/01	NA	31.35	NA	4.37	
										02/04/02	NA	28.70	NA	7.02	
										04/29/02	NA	29.97	NA	5.75	
										07/29/02	NA	29.55	NA	6.17	
										11/04/02	NA	31.05	NA	4.67	
										02/03/03	NA	25.38	NA	10.34	
										05/05/03	NA	26.67	NA	9.05	
										08/05/03	NA	28.54	NA	7.18	
										10/20/03	NA	30.93	NA	4.79	
										01/19/04	NA	27.46	NA	8.26	
										04/19/04	NA	26.88	NA	8.84	
										07/19/04	NA	29.25	NA	6.47	
										10/18/04	NA	30.91	NA	4.81	
										01/17/05	NA	27.38	NA	8.34	
										04/18/05	NA	27.50	NA	8.22	
										07/18/05	NA	28.58	NA	7.14	
										10/17/05	NA	30.73	NA	4.99	
										02/17/06	NA	23.32	NA	12.40	
										04/17/06	NA	18.09	NA	17.63	
										07/17/06	NA	26.97	NA	8.75	
										10/23/06	NA	30.18	NA	5.54	
										01/15/07	NA	30.25	NA	5.47	
										04/16/07	NA	30.01	NA	5.71	
										07/16/07	NA	28.95	NA	6.77	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-4 Lower Interval	-121.5224482	38.5695111	65.00	45.1-65.1	20.00	43.1-65.1	40.6-43.1	4.00	35.72	10/15/07	NA	31.20	NA	4.52	
										01/14/08	NA	30.00	NA	5.72	
										04/14/08	NA	30.23	NA	5.49	
										07/14/08	NA	30.66	NA	5.06	
										10/13/08	NA	31.75	NA	3.97	
										11/24/08	NA	31.79	NA	3.93	
										01/13/09	NA	30.01	NA	5.71	
										01/13/09	NA	31.80	NA	3.92	
										01/21/09	NA	31.88	NA	3.84	
										03/12/09	NA	29.00	NA	6.72	
										04/13/09	NA	29.93	NA	5.79	
										07/18/09	NA	30.21	NA	5.51	
										10/12/09	NA	31.05	NA	4.67	
										01/11/10	NA	31.12	NA	4.60	
										04/12/10	NA	29.08	NA	6.64	
										07/12/10	NA	29.23	NA	6.49	
										10/11/10	NA	30.60	NA	5.12	
										01/10/11	NA	25.46	NA	10.26	
										04/11/11	NA	21.10	NA	14.62	
MW-5 Upper Interval	-121.5224348	38.5695238	33.00	23.1-34.1	10.00	21.1-34.1	19.1-21.1	4.00	35.61	02/17/00	NA	27.39	NA	8.22	
										05/22/00	NA	25.25	NA	10.36	
										08/14/00	NA	27.54	NA	8.07	
										11/13/00	NA	29.44	NA	6.17	
										02/20/01	NA	29.61	NA	6.00	
										05/15/01	NA	29.13	NA	6.48	
										08/14/01	NA	29.58	NA	6.03	
										10/12/01	NA	30.01	NA	5.60	
										02/04/02	26.81	26.93	0.12	8.78	gw elev adjusted for NAPH
										04/29/02	28.53	28.69	0.16	7.06	gw elev adjusted for NAPH
										07/29/02	NA	29.16	NA	6.45	
										11/04/02	30.15	30.20	0.05	5.45	gw elev adjusted for NAPH
										02/03/03	NA	24.74	NA	10.87	
										05/05/03	NA	21.24	NA	14.37	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-5 Upper Interval	-121.5224348	38.5695238	33.00	23.1-34.1	10.00	21.1-34.1	19.1-21.1	4.00	35.61	08/05/03	NA	27.65	NA	7.96	
										10/20/03	NA	29.14	NA	6.47	
										01/19/04	NA	26.70	NA	8.91	
										04/19/04	NA	25.07	NA	10.54	
										07/19/04	NA	28.55	NA	7.06	
										10/18/04	NA	29.61	NA	6.00	
										11/12/04	NA	29.90	NA	5.71	
										01/17/05	NA	28.29	NA	7.32	
										04/18/05	NA	26.90	NA	8.71	
										07/18/05	NA	26.92	NA	8.69	
										10/17/05	NA	28.98	NA	6.63	
										02/17/06	NA	21.13	NA	14.48	
										04/17/06	NA	18.06	NA	17.55	
										07/17/06	NA	24.55	NA	11.06	
										10/23/06	NA	28.30	NA	7.31	
										01/15/07	NA	29.28	NA	6.33	
										04/16/07	NA	29.11	NA	6.50	
										07/16/07	NA	29.10	NA	6.51	
										10/15/07	NA	29.40	NA	6.21	
										01/14/08	NA	28.60	NA	7.01	
										04/14/08	NA	28.65	NA	6.96	
										07/14/08	NA	30.10	NA	5.51	
										10/13/08	NA	30.60	NA	5.01	
										01/13/09	NA	30.92	NA	4.69	
										04/13/09	NA	28.81	NA	6.80	
										07/18/09	NA	29.69	NA	5.92	
										10/12/09	NA	30.25	NA	5.36	
										01/11/10	NA	30.32	NA	5.29	
										04/12/10	NA	28.00	NA	7.61	
										07/12/10	NA	28.49	NA	7.12	
										10/11/10	NA	29.37	NA	6.24	
										01/10/11	NA	24.71	NA	10.90	
										04/11/11	NA	20.88	NA	14.73	
MW-6 Lower Interval	-121.5221917	38.5698819	79.00	59-79	30.00	57-80	55-57	4.00	34.40	02/17/00	NA	17.76	NA	16.64	
										05/22/00	NA	27.67	NA	6.73	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-6 Lower Interval	-121.5221917	38.5698819	79.00	59-79	30.00	57-80	55-57	4.00	34.40	08/14/00	NA	31.67	NA	2.73	Resurveyed 09/20/00
										11/13/00	NA	33.32	NA	1.08	
										02/21/01	NA	31.95	NA	2.45	
										05/14/01	NA	33.04	NA	1.36	
										08/14/01	NA	32.67	NA	1.73	
										10/12/01	NA	33.65	NA	0.75	
										02/04/02	NA	31.40	NA	3.00	
										04/29/02	NA	32.58	NA	1.82	
										07/29/02	NA	31.65	NA	2.75	
										11/04/02	NA	33.51	NA	0.89	
										02/03/03	NA	27.01	NA	7.39	
										05/05/03	NA	25.63	NA	8.77	
										08/05/03	NA	30.63	NA	3.77	
										10/20/03	NA	33.21	NA	1.19	
										01/19/04	NA	29.23	NA	5.17	
										04/19/04	NA	29.37	NA	5.03	
										07/19/04	NA	31.33	NA	3.07	
										10/18/04	NA	33.00	NA	1.40	
										11/12/04	NA	33.03	NA	1.37	
										01/17/05	NA	29.25	NA	5.15	
										04/18/05	NA	30.80	NA	3.60	
										07/18/05	NA	31.09	NA	3.31	
										10/17/05	NA	33.02	NA	1.38	
										02/17/06	NA	25.97	NA	8.43	
										04/17/06	NA	18.15	NA	16.25	
										07/17/06	NA	30.95	NA	3.45	
										10/23/06	NA	32.89	NA	1.51	
										01/15/07	NA	32.49	NA	1.91	
										04/16/07	NA	32.35	NA	2.05	
										07/16/07	NA	31.81	NA	2.59	
										10/15/07	NA	33.74	NA	0.66	
										01/14/08	NA	31.29	NA	3.11	
										04/14/08	NA	32.65	NA	1.75	
										07/14/08	NA	32.76	NA	1.64	
										10/13/08	NA	34.20	NA	0.20	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-6 Lower Interval	-121.5221917	38.5698819	79.00	59-79	30.00	57-80	55-57	4.00	34.40	01/13/09	NA	34.04	NA	0.36	
										04/13/09	NA	32.21	NA	2.19	
										07/18/09	NA	32.45	NA	1.95	
										10/12/09	NA	33.18	NA	1.22	
										01/11/10	NA	33.31	NA	1.09	
										04/12/10	NA	31.68	NA	2.72	
										07/12/10	NA	31.64	NA	2.76	
										10/11/10	NA	33.12	NA	1.28	
										01/10/11	NA	26.93	NA	7.47	
										04/11/11	NA	21.64	NA	12.76	
MW-7 Lower Interval	-121.5228066	38.5690095	68.00	48-68	20.00	45.5-68.7	42.5-45.5	4.00	37.20	02/17/00	NA	24.71	NA	12.49	
										05/22/00	NA	28.20	NA	9.00	
										08/14/00	NA	30.10	NA	7.10	
										11/13/00	NA	31.89	NA	5.31	
										02/21/01	NA	31.24	NA	5.96	
										05/14/01	NA	32.80	NA	4.40	
										08/15/01	NA	31.20	NA	6.00	
										10/12/01	NA	34.02	NA	3.18	
										02/04/02	NA	30.14	NA	7.06	
										04/29/02	NA	31.38	NA	5.82	
										07/29/02	NA	30.96	NA	6.24	
										11/04/02	NA	32.18	NA	5.02	
										02/03/03	NA	27.74	NA	9.46	
										05/05/03	NA	28.30	NA	8.90	
										08/05/03	NA	30.30	NA	6.90	
										10/20/03	NA	31.75	NA	5.45	
										01/19/04	NA	28.92	NA	8.28	
										04/19/04	NA	28.51	NA	8.69	
										07/19/04	NA	30.29	NA	6.91	
										10/18/04	NA	NA	NA	NA	Unable to access well
										01/17/05	NA	28.65	NA	8.55	
										04/18/05	NA	29.30	NA	7.90	
										07/18/05	NA	29.94	NA	7.26	
										10/17/05	NA	31.63	NA	5.57	
										02/17/06	NA	26.50	NA	10.70	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-7 Lower Interval	-121.5228066	38.5690095	68.00	48-68	20.00	45.5-68.7	42.5-45.5	4.00	37.20	04/17/06	NA	21.39	NA	15.81	
										07/17/06	NA	29.13	NA	8.07	
										10/23/06	NA	31.35	NA	5.85	
										01/15/07	NA	31.06	NA	6.14	
										04/16/07	NA	31.09	NA	6.11	
										07/16/07	NA	30.70	NA	6.50	
										10/15/07	NA	32.02	NA	5.18	
										01/14/08	NA	31.08	NA	6.12	
										04/14/08	NA	31.36	NA	5.84	
										07/14/08	NA	31.43	NA	5.77	
										10/13/08	NA	32.60	NA	4.60	
										01/13/09	NA	32.84	NA	4.36	
										04/13/09	NA	31.13	NA	6.07	
										07/18/09	NA	31.29	NA	5.91	
										10/12/09	NA	32.08	NA	5.12	
										01/11/10	NA	31.47	NA	5.73	
										04/12/10	NA	30.31	NA	6.89	
										07/12/10	NA	30.58	NA	6.62	
										10/11/10	NA	31.83	NA	5.37	
										01/10/11	NA	27.37	NA	9.83	
										04/11/11	NA	23.58	NA	13.62	
MW-8 Lower Interval	-121.5231350	38.5688427	68.00	48-68	20.00	46.3-68	44.6-46.3	4.00	34.95	02/17/00	NA	23.34	NA	11.61	
										05/22/00	NA	26.60	NA	8.35	
									35.67	08/14/00	NA	28.30	NA	7.37	Resurveyed 09/20/00
										11/13/00	NA	30.09	NA	5.58	
										02/21/01	NA	29.52	NA	6.15	
										05/14/01	NA	29.39	NA	6.28	
										08/16/01	NA	29.39	NA	6.28	
										10/12/01	NA	30.24	NA	5.43	
										02/04/02	NA	28.51	NA	7.16	
										04/29/02	NA	29.51	NA	6.16	
										07/29/02	NA	28.98	NA	6.69	
										11/04/02	NA	30.43	NA	5.24	
										02/03/03	NA	26.41	NA	9.26	
										05/05/03	NA	26.31	NA	9.36	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-8 Lower Interval	-121.5231350	38.5688427	68.00	48-68	20.00	46.3-68	44.6-46.3	4.00	35.67	08/05/03	NA	28.20	NA	7.47	
										10/20/03	NA	30.02	NA	5.65	
										01/19/04	NA	27.71	NA	7.96	
										04/19/04	NA	27.07	NA	8.60	
										07/19/04	NA	28.60	NA	7.07	
										10/18/04	NA	30.01	NA	5.66	
										01/17/05	NA	27.26	NA	8.41	
										04/18/05	NA	27.82	NA	7.85	
										07/18/05	NA	28.20	NA	7.47	
										10/17/05	NA	30.17	NA	5.50	
										02/17/06	NA	25.35	NA	10.32	
										04/17/06	NA	20.91	NA	14.76	
										07/17/06	NA	27.27	NA	8.40	
										10/23/06	NA	29.51	NA	6.16	
										01/15/07	NA	29.82	NA	5.85	
										04/16/07	NA	29.42	NA	6.25	
										07/16/07	NA	28.97	NA	6.70	
										10/15/07	NA	30.33	NA	5.34	
										01/14/08	NA	29.18	NA	6.49	
										04/14/08	NA	29.78	NA	5.89	
										07/14/08	NA	29.70	NA	5.97	
										10/13/08	NA	30.31	NA	5.36	
										01/13/09	NA	31.19	NA	4.48	
										04/13/09	NA	29.43	NA	6.24	
										07/18/09	NA	29.55	NA	6.12	
										10/12/09	NA	31.27	NA	4.40	
										01/11/10	NA	30.60	NA	5.07	
										04/12/10	NA	28.90	NA	6.77	
										07/12/10	NA	28.90	NA	6.77	
										10/11/10	NA	30.20	NA	5.47	
										01/10/11	NA	26.21	NA	9.46	
										04/11/11	NA	22.70	NA	12.97	
MW-9 Upper Interval	-121.5228219	38.5689943	33.00	18-33	15.00	15-33	12.8-15	4.00	37.27	02/17/00	NA	24.53	NA	12.74	
										05/22/00	NA	26.02	NA	11.25	
										08/14/00	NA	28.16	NA	9.11	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-9 Upper Interval	-121.5228219	38.5689943	33.00	18-33	15.00	15-33	12.8-15	4.00	37.27	11/13/00	NA	29.56	NA	7.71	
										02/21/01	NA	30.23	NA	7.04	collect grab sample/no purge
										05/15/01	NA	29.61	NA	7.66	
										08/15/01	NA	30.04	NA	7.23	
										10/12/01	NA	30.25	NA	7.02	
										02/04/02	NA	27.87	NA	9.40	
										04/29/02	NA	29.15	NA	8.12	
										07/29/02	NA	29.79	NA	7.48	
										11/04/02	NA	30.29	NA	6.98	
										02/03/03	NA	25.99	NA	11.28	
										05/05/03	NA	27.81	NA	9.46	
										08/05/03	NA	28.21	NA	9.06	
										10/20/03	NA	29.36	NA	7.91	
										01/19/04	NA	27.83	NA	9.44	
										04/19/04	NA	25.76	NA	11.51	
										07/19/04	NA	28.86	NA	8.41	
										10/18/04	NA	NA	NA	NA	Unable to access well
										11/12/04	NA	30.01	NA	7.26	
										01/17/05	NA	29.11	NA	8.16	
										04/18/05	NA	27.43	NA	9.84	
										07/18/05	NA	27.57	NA	9.70	
										10/17/05	NA	29.29	NA	7.98	
										02/17/06	NA	22.08	NA	15.19	
										04/17/06	NA	19.23	NA	18.04	
										07/17/06	NA	25.28	NA	11.99	
										10/23/06	NA	28.63	NA	8.64	
										01/15/07	NA	29.52	NA	7.75	
										04/16/07	NA	29.56	NA	7.71	
										07/16/07	NA	30.21	NA	7.06	
										10/15/07	NA	30.25	NA	7.02	
										01/14/08	NA	30.33	NA	6.94	
										04/14/08	NA	29.50	NA	7.77	
										07/14/08	NA	30.43	NA	6.84	
										10/13/08	NA	30.60	NA	6.67	
										01/13/09	NA	31.21	NA	6.06	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-9 Upper Interval	-121.5228219	38.5689943	33.00	18-33	15.00	15-33	12.8-15	4.00	37.27	04/13/09	NA	29.48	NA	7.79	
										07/18/09	NA	30.15	NA	7.12	
										10/12/09	NA	30.32	NA	6.95	
										01/11/10	NA	30.66	NA	6.61	
										04/12/10	NA	28.55	NA	8.72	
										07/12/10	NA	29.80	NA	7.47	
										10/11/10	NA	29.90	NA	7.37	
										01/10/11	NA	26.04	NA	11.23	
										04/11/11	NA	21.91	NA	15.36	
MW-10 Upper Interval	-121.5225510	38.5692735	32.00	22-32	10.00	20-33	18-20	4.00	36.94	02/17/00	NA	27.92	NA	9.02	
										05/22/00	NA	25.61	NA	11.33	
										08/14/00	NA	27.74	NA	9.20	
										11/13/00	NA	29.20	NA	7.74	
										02/20/01	NA	Dry	NA	7.06	Well dry/no sample
										05/15/01	NA	Dry	NA	7.68	Well dry/no sample
										08/14/01	NA	Dry	NA	7.24	Well dry/no sample
										10/12/01	NA	29.80	NA	7.14	
										02/04/02	NA	27.28	NA	9.66	
										04/29/02	NA	28.70	NA	8.24	Almost Dry
										07/29/02	NA	29.41	NA	7.53	Almost Dry
										11/04/02	NA	29.86	NA	7.08	Almost Dry
										02/03/03	NA	25.11	NA	11.83	
										05/05/03	NA	27.37	NA	9.57	
										08/05/03	NA	27.73	NA	9.21	
										10/20/03	NA	29.95	NA	6.99	Well almost dry/no sample
										01/19/04	NA	26.97	NA	9.97	
										04/19/04	NA	25.18	NA	11.76	
										07/19/04	NA	28.47	NA	8.47	
										10/18/04	NA	NA	NA	NA	Unable to access well
										01/17/05	NA	28.67	NA	8.27	
										04/18/05	NA	26.96	NA	9.98	
										07/18/05	NA	27.07	NA	9.87	
										10/17/05	NA	28.82	NA	8.12	
										02/17/06	NA	21.14	NA	15.80	
										04/17/06	NA	17.99	NA	18.95	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-10 Upper Interval	-121.5225510	38.5692735	32.00	22-32	10.00	20-33	18-20	4.00	36.94	07/17/06	NA	24.93	NA	12.01	
										10/23/06	NA	28.20	NA	8.74	
										01/15/07	NA	29.08	NA	7.86	
										04/16/07	NA	29.10	NA	7.84	
										07/16/07	NA	29.78	NA	7.16	
										10/15/07	NA	29.90	NA	7.04	
										01/14/08	NA	30.21	NA	6.73	
										04/14/08	NA	28.92	NA	8.02	
										07/14/08	NA	29.97	NA	6.97	Well dry/no smaple
										10/13/08	NA	Dry	NA	6.72	Well dry/no sample
										01/13/09	NA	Dry	NA	6.46	Well dry/no sample
										04/13/09	NA	29.02	NA	7.92	Insufficient water/no sample
										07/18/09	NA	29.90	NA	7.04	Insufficient water/no sample
										10/12/09	NA	29.82	NA	7.12	
										01/11/10	NA	30.20	NA	6.74	
										04/12/10	NA	28.10	NA	8.84	
										07/12/10	NA	28.50	NA	8.44	
										10/11/10	NA	29.38	NA	7.56	
										01/10/11	NA	25.00	NA	11.94	
										04/11/11	NA	20.89	NA	16.05	
MW-11 Lower Interval	-121.5234283	38.5692072	40.00	35-40	5.00	33-46	31-33	2.00	19.85	02/17/00	NA	8.46	NA	11.39	
										05/22/00	NA	11.15	NA	8.70	
										08/14/00	NA	12.38	NA	7.47	
										11/13/00	NA	14.18	NA	5.67	
										02/21/01	NA	13.62	NA	6.23	
										05/14/01	NA	13.43	NA	6.42	
										08/14/01	NA	13.44	NA	6.41	
										10/12/01	NA	14.29	NA	5.56	
										02/04/02	NA	12.38	NA	7.47	cut off TOC - need survey
										04/29/02	NA	13.43	NA	6.42	cut off TOC - need survey
									20.62	07/29/02	NA	12.93	NA	7.69	Resurveyed on 8-01-02
										11/04/02	NA	14.37	NA	6.25	
										02/03/03	NA	10.45	NA	10.17	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-11 Lower Interval	-121.5234283	38.5692072	40.00	35-40	5.00	33-46	31-33	2.00	20.62	05/05/03	NA	10.61	NA	10.01	
										08/05/03	NA	12.14	NA	8.48	
										10/20/03	NA	13.96	NA	6.66	
										01/19/04	NA	11.72	NA	8.90	
										04/19/04	NA	10.87	NA	9.75	
										07/19/04	NA	12.50	NA	8.12	
										10/18/04	NA	13.85	NA	6.77	
										01/17/05	NA	11.29	NA	9.33	
										04/18/05	NA	NA	NA	NA	Unable to locate well
										07/18/05	NA	11.89	NA	8.73	
										10/17/05	NA	13.82	NA	6.80	
										02/17/06	NA	9.13	NA	11.49	
										04/17/06	NA	5.15	NA	15.47	
										07/17/06	NA	8.00	NA	12.62	
										10/23/06	NA	12.17	NA	8.45	
										01/15/07	NA	13.64	NA	6.98	
										04/16/07	NA	13.17	NA	7.45	
										07/16/07	NA	12.75	NA	7.87	
										10/15/07	NA	13.75	NA	6.87	
										01/14/08	NA	13.00	NA	7.62	
										04/14/08	NA	13.36	NA	7.26	
										07/14/08	NA	13.69	NA	6.93	
										10/13/08	NA	14.01	NA	6.61	
										01/13/09	NA	14.83	NA	5.79	
										04/13/09	NA	14.31	NA	6.31	
										07/18/09	NA	13.53	NA	7.09	
										10/12/09	NA	14.11	NA	6.51	
										01/11/10	NA	13.95	NA	6.67	
										04/12/10	NA	12.15	NA	8.47	
										07/12/10	NA	12.63	NA	7.99	
										10/11/10	NA	13.90	NA	6.72	
										01/10/11	NA	9.88	NA	10.74	
										04/11/11	NA	6.60	NA	14.02	
MW-12 Upper Interval	-121.5227623	38.5688892	36.00	26-36	10.00	24-37.5	22-24	4.00	37.07	02/17/00	NA	28.98	NA	8.09	
										05/22/00	NA	26.50	NA	10.57	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-12 Upper Interval	-121.5227623	38.5688892	36.00	26-36	10.00	24-37.5	22-24	4.00	37.07	08/14/00	NA	28.61	NA	8.46	
										11/13/00	NA	30.01	NA	7.06	
										02/20/01	NA	30.72	NA	6.35	
										05/14/01	NA	30.11	NA	6.96	
										08/15/01	NA	30.52	NA	6.55	
										10/12/01	NA	30.71	NA	6.36	
										02/04/02	NA	28.34	NA	8.73	
										04/29/02	NA	29.63	NA	7.44	
										07/29/02	NA	30.26	NA	6.81	
										11/04/02	NA	30.76	NA	6.31	
										02/03/03	NA	26.40	NA	10.67	
										05/05/03	NA	28.30	NA	8.77	
										08/05/03	NA	26.67	NA	10.40	
										10/20/03	NA	29.85	NA	7.22	
										01/19/04	NA	28.25	NA	8.82	
										04/19/04	NA	26.23	NA	10.84	
										07/19/04	NA	29.35	NA	7.72	
										10/18/04	NA	30.17	NA	6.90	
										01/17/05	NA	29.53	NA	7.54	
										04/18/05	NA	27.95	NA	9.12	
										07/18/05	NA	28.14	NA	8.93	
										10/17/05	NA	29.73	NA	7.34	
										02/17/06	NA	22.44	NA	14.63	
										04/17/06	NA	19.50	NA	17.57	
										07/17/06	NA	25.76	NA	11.31	
										10/23/06	NA	29.16	NA	7.91	
										01/15/07	NA	29.98	NA	7.09	
										04/16/07	NA	30.07	NA	7.00	
										07/16/07	NA	30.63	NA	6.44	
										10/15/07	NA	30.70	NA	6.37	
										01/14/08	NA	30.73	NA	6.34	
										04/14/08	NA	25.94	NA	11.13	Anomalous data, not used for contouring.
										07/14/08	NA	30.80	NA	6.27	
										10/13/08	NA	31.08	NA	5.99	
										01/13/09	NA	31.44	NA	5.63	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-12 Upper Interval	-121.5227623	38.5688892	36.00	26-36	10.00	24-37.5	22-24	4.00	37.07	04/13/09	NA	29.94	NA	7.13	
										07/18/09	NA	30.58	NA	6.49	
										10/12/09	NA	29.96	NA	7.11	
										01/11/10	NA	31.09	NA	5.98	
										04/12/10	NA	29.00	NA	8.07	
										07/12/10	NA	29.58	NA	7.49	
										10/11/10	NA	30.40	NA	6.67	
										01/10/11	NA	26.41	NA	10.66	
										04/11/11	NA	22.29	NA	14.78	
MW-13 Lower Interval	-121.5225186	38.5693106	55.00	50-55	5.00	48-57.5	46-48	2.00	36.64	02/17/00	NA	25.48	NA	11.16	
										05/22/00	NA	26.54	NA	10.10	
										08/14/00	NA	29.08	NA	7.56	
										11/13/00	NA	30.93	NA	5.71	
										02/22/01	NA	30.65	NA	5.99	
										05/15/01	NA	30.72	NA	5.92	
										08/15/01	NA	30.81	NA	5.83	
										10/12/01	NA	31.56	NA	5.08	
										02/04/02	NA	28.89	NA	7.75	
										04/29/02	NA	30.30	NA	6.34	
										07/29/02	NA	30.23	NA	6.41	
										11/04/02	NA	31.49	NA	5.15	
										02/03/03	NA	26.33	NA	10.31	
										05/05/03	NA	27.22	NA	9.42	
										08/05/03	NA	28.96	NA	7.68	
										10/20/03	NA	30.87	NA	5.77	
										01/19/04	NA	28.39	NA	8.25	
										04/19/04	NA	26.51	NA	10.13	
										07/19/04	NA	28.92	NA	7.72	
										10/18/04	NA	NA	NA	NA	Unable to access well
										01/17/05	NA	28.72	NA	7.92	
										04/18/05	NA	28.45	NA	8.19	
										07/18/05	NA	28.90	NA	7.74	
										10/17/05	NA	30.73	NA	5.91	
										02/17/06	NA	23.48	NA	13.16	
										04/17/06	NA	19.97	NA	16.67	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-13 Lower Interval	-121.5225186	38.5693106	55.00	50-55	5.00	48-57.5	46-48	2.00	36.64	07/17/06	NA	26.55	NA	10.09	
										10/23/06	NA	30.19	NA	6.45	
										01/15/07	NA	30.21	NA	6.43	
										04/16/07	NA	30.42	NA	6.22	
										07/16/07	NA	30.68	NA	5.96	
										10/15/07	NA	31.35	NA	5.29	
										01/14/08	NA	30.64	NA	6.00	
										04/14/08	NA	30.55	NA	6.09	
										07/14/08	NA	31.70	NA	4.94	
										10/13/08	NA	31.82	NA	4.82	
										01/13/09	NA	32.11	NA	4.53	
										04/13/09	NA	30.42	NA	6.22	
										07/18/09	NA	30.70	NA	5.94	
										10/12/09	NA	31.42	NA	5.22	
										01/11/10	NA	31.58	NA	5.06	
										04/12/10	NA	30.50	NA	6.14	
										07/12/10	NA	29.87	NA	6.77	
										10/11/10	NA	31.02	NA	5.62	
										01/10/11	NA	26.35	NA	10.29	
										04/11/11	NA	21.97	NA	14.67	
MW-14 Upper Interval	-121.5234731	38.5691357	16.00	5.5-16	10.50	4.5-17	3.5-4.5	4.00	19.10	02/17/00	NA	10.54	NA	8.56	
										05/22/00	NA	8.55	NA	10.55	
										08/14/00	NA	10.71	NA	8.39	
										11/13/00	NA	12.51	NA	6.59	
										02/20/01	NA	12.44	NA	6.66	
										05/14/01	NA	11.99	NA	7.11	
										08/14/01	NA	12.35	NA	6.75	
										10/12/01	NA	12.94	NA	6.16	
										02/04/02	NA	11.00	NA	8.10	Added to TOC - need survey
										04/29/02	NA	12.17	NA	6.93	Added to TOC - need survey
									20.27	07/29/02	NA	12.41	NA	7.86	Resurveyed on 08/01/02
										11/04/02	NA	13.40	NA	6.87	
										02/03/03	NA	9.91	NA	10.36	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-14 Upper Interval	-121.5234731	38.5691357	16.00	5.5-16	10.50	4.5-17	3.5-4.5	4.00	20.27	05/05/03	NA	10.59	NA	9.68	
										08/05/03	NA	11.15	NA	9.12	
										10/20/03	NA	12.67	NA	7.60	
										01/19/04	NA	11.17	NA	9.10	
										04/19/04	NA	8.95	NA	11.32	
										07/19/04	NA	11.64	NA	8.63	
										10/18/04	NA	12.73	NA	7.54	
										01/17/05	NA	10.95	NA	9.32	
										04/18/05	NA	10.39	NA	9.88	
										07/18/05	NA	10.53	NA	9.74	
										10/17/05	NA	12.59	NA	7.68	
										02/17/06	NA	6.82	NA	13.45	
										04/17/06	NA	4.19	NA	16.08	
										07/17/06	NA	8.23	NA	12.04	
										10/25/06	NA	11.76	NA	8.51	
										01/15/07	NA	12.65	NA	7.62	
										04/16/07	NA	12.33	NA	7.94	
										07/16/07	NA	12.55	NA	7.72	
										10/15/07	NA	12.87	NA	7.40	
										01/14/08	NA	12.50	NA	7.77	
										04/14/08	NA	12.12	NA	8.15	
										07/14/08	NA	13.10	NA	7.17	
										10/13/08	NA	13.66	NA	6.61	
										01/13/09	NA	14.49	NA	5.78	Insufficient water/no sample
										04/13/09	NA	12.23	NA	8.04	
										07/18/09	NA	14.90	NA	5.37	Insufficient water/no sample
										10/12/09	NA	13.59	NA	6.68	
										01/11/10	NA	13.52	NA	6.75	
										04/12/10	NA	11.71	NA	8.56	
										07/12/10	NA	11.95	NA	8.32	
										10/11/10	NA	13.05	NA	7.22	
										01/10/11	NA	10.13	NA	10.14	
										04/11/11	NA	6.24	NA	14.03	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-15 Upper Interval	-121.5223337	38.5693365	30.00	20-30	10.00	19-30	18-19	4.00	37.01	02/17/00	NA	NA	NA	NA	Well dry/no sample
										05/22/00	NA	NA	NA	NA	Well dry/no sample
										08/14/00	NA	NA	NA	NA	Well dry/no sample
										11/13/00	NA	NA	NA	NA	Well dry/no sample
										02/20/01	NA	NA	NA	NA	Well dry/no sample
										05/14/01	NA	Dry	NA	8.33	Well dry/no sample
										08/14/01	NA	Dry	NA	8.32	Well dry/no sample
										10/12/01	NA	28.63	NA	8.38	
										02/04/02	NA	28.20	NA	8.81	cut off TOC - needs survey
										04/29/02	NA	28.63	NA	8.38	cut off TOC - needs survey
										07/15/02	NA	NA	NA	NA	Well Abandoned
MW-15R Upper Interval	-121.5223337	38.5693365	45.00	30-45	15.00	28-46	25-28	4.00	36.72	07/29/02	NA	30.26	NA	6.46	Replacement for MW-15
										11/04/02	NA	30.97	NA	5.75	
										02/03/03	NA	25.36	NA	11.36	
										05/05/03	NA	28.21	NA	8.51	
										08/05/03	NA	28.49	NA	8.23	
										10/20/03	NA	29.90	NA	6.82	
										01/19/04	NA	27.13	NA	9.59	
										04/19/04	NA	25.88	NA	10.84	
										07/19/04	NA	29.39	NA	7.33	
										10/18/04	NA	30.30	NA	6.42	
										11/12/04	NA	30.37	NA	6.35	
										01/17/05	NA	28.86	NA	7.86	
										04/18/05	NA	27.75	NA	8.97	
										07/18/05	NA	27.19	NA	9.53	
										10/17/05	NA	29.45	NA	7.27	
										02/17/06	NA	21.30	NA	15.42	
										04/17/06	NA	19.02	NA	17.70	
										07/17/06	NA	25.84	NA	10.88	
										10/23/06	NA	29.08	NA	7.64	
										01/15/07	NA	29.98	NA	6.74	
										04/16/07	NA	30.02	NA	6.70	
										07/16/07	NA	30.54	NA	6.18	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-15R Upper Interval	-121.5223337	38.5693365	45.00	30-45	15.00	28-46	25-28	4.00	36.72	10/15/07	NA	30.70	NA	6.02	
										01/14/08	NA	30.80	NA	5.92	
										04/14/08	NA	29.82	NA	6.90	
										07/14/08	NA	30.85	NA	5.87	
										10/13/08	NA	33.35	NA	3.37	
										01/13/09	31.35	32.30	0.95	5.24	NAPH/Not Sampled
										04/13/09	NA	29.71	NA	7.01	
										07/18/09	31.81	31.86	0.05	4.90	NAPH/Not Sampled
										10/12/09	32.11	32.24	0.13	4.59	NAPH/Not Sampled
										01/11/10	32.96	32.97	0.01	3.76	NAPH/Not Sampled
										04/12/10	30.05	30.07	0.02	6.67	NAPH/Not Sampled
										07/12/10	30.30	30.32	0.02	6.42	NAPH/Not Sampled
										10/11/10	31.52	31.55	0.03	5.20	NAPH/Not Sampled
										01/10/11	25.00	25.02	0.02	11.72	NAPH/Not Sampled
										04/11/11	21.43	21.44	0.01	15.29	NAPH/Not Sampled
MW-16 Lower Interval			65.20	65-75	10.00	64-75	63-64	4.00	36.97	02/17/00	NA	21.59	NA	15.38	
										05/22/00	NA	30.10	NA	6.87	
										08/14/00	NA	29.79	NA	7.18	
										11/13/00	NA	32.56	NA	4.41	
										02/21/01	NA	31.22	NA	5.75	
										05/15/01	NA	32.21	NA	4.76	
										08/16/01	NA	31.98	NA	4.99	
										10/12/01	NA	33.24	NA	3.73	
										02/04/02	NA	30.74	NA	6.23	
										04/29/02	NA	31.75	NA	5.22	
										07/29/02	NA	31.05	NA	5.92	
										11/04/02	NA	32.73	NA	4.24	
										02/03/03	NA	26.74	NA	10.23	
										05/05/03	NA	27.12	NA	9.85	
										08/05/03	NA	30.02	NA	6.95	
										10/20/03	NA	32.63	NA	4.34	
										01/19/04	NA	28.76	NA	8.21	
										04/19/04	NA	28.82	NA	8.15	
										07/19/04	NA	30.59	NA	6.38	
										10/18/04	NA	32.49	NA	4.48	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-16 Lower Interval			65.20	65-75	10.00	64-75	63-64	4.00	36.97	01/17/05	NA	28.82	NA	8.15	
										04/18/05	NA	30.05	NA	6.92	
										07/18/05	NA	24.83	NA	12.14	
										10/17/05	NA	32.19	NA	4.78	
										02/17/06	NA	25.69	NA	11.28	
										04/17/06	NA	18.35	NA	18.62	
										07/17/06	NA	30.28	NA	6.69	
										10/23/06	NA	31.92	NA	5.05	
										01/15/07	NA	31.67	NA	5.30	
										04/16/07	NA	31.20	NA	5.77	
										07/16/07	NA	30.95	NA	6.02	
										10/15/07	NA	32.40	NA	4.57	
										01/14/08	NA	30.66	NA	6.31	
										04/14/08	NA	28.04	NA	8.93	Anomalous data, not used for contouring.
										07/14/08	NA	32.13	NA	4.84	
										10/13/08	NA	31.24	NA	5.73	
										01/13/09	NA	33.23	NA	3.74	
										04/13/09	NA	31.60	NA	5.37	
										07/18/09	NA	31.76	NA	5.21	
										10/12/09	NA	32.65	NA	4.32	
										01/11/10	NA	32.55	NA	4.42	
										04/12/10	NA	31.82	NA	5.15	
										07/12/10	NA	30.85	NA	6.12	
										10/11/10	NA	32.54	NA	4.43	
										01/10/11	NA	26.66	NA	10.31	
										04/11/11	NA	21.59	NA	15.38	
MW-17 Upper Interval			14.82	5-15	10.00	4-15	2.5-4	4.00	21.32	02/17/00	NA	13.16	NA	8.16	
										05/22/00	NA	10.74	NA	10.58	
										08/14/00	NA	13.11	NA	8.21	
										11/13/00	NA	NA	NA	NA	Well dry/no sample
										02/20/01	NA	Dry	NA	7.23	Well dry/no sample
										05/14/01	NA	Dry	NA	7.30	Well dry/no sample
										08/15/01	NA	Dry	NA	7.28	Well dry/no sample
										10/12/01	NA	14.75	NA	6.57	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-17 Upper Interval			14.82	5-15	10.00	4-15	2.5-4	4.00	21.32	02/04/02	NA	13.05	NA	8.27	
										04/29/02	NA	14.02	NA	7.30	Almost Dry
									21.26	07/29/02	NA	14.04	NA	7.22	Dry - Resurveyed 08/01/02
										11/04/02	NA	14.05	NA	7.21	Dry - Not used for contouring
										02/03/03	NA	11.85	NA	9.41	Not sampled
										05/05/03	NA	12.56	NA	8.70	Not sampled
										08/05/03	NA	13.16	NA	8.10	Not sampled
										07/26/04	NA	NA	NA	NA	Well Abandoned
MW-17R Upper Interval	-121.5230430	38.5694009	26.00	15-26	11.00	13-26	10-13	4.00	23.75	07/29/02	NA	16.97	NA	6.78	Replacement for MW-17
										11/04/02	NA	18.09	NA	5.66	
										02/03/03	NA	14.22	NA	9.53	
										05/05/03	NA	14.96	NA	8.79	
										08/05/03	NA	15.66	NA	8.09	
										10/20/03	NA	17.36	NA	6.39	
										01/19/04	NA	15.65	NA	8.10	
										04/19/04	NA	13.45	NA	10.30	
										07/19/04	NA	16.25	NA	7.50	
										10/18/04	NA	17.47	NA	6.28	
										11/12/04	NA	17.47	NA	6.28	
										01/17/05	NA	15.60	NA	8.15	
										04/18/05	NA	14.90	NA	8.85	
										07/18/05	NA	15.10	NA	8.65	
										10/17/05	NA	17.29	NA	6.46	
										02/17/06	NA	10.97	NA	12.78	
										04/17/06	NA	8.09	NA	15.66	
										07/17/06	NA	12.95	NA	10.80	
										10/23/06	NA	16.45	NA	7.30	
										01/15/07	NA	17.36	NA	6.39	
										04/16/07	NA	17.01	NA	6.74	
										07/16/07	NA	17.05	NA	6.70	
										10/15/07	NA	17.90	NA	5.85	
										01/14/08	NA	17.28	NA	6.47	
										04/14/08	NA	16.90	NA	6.85	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-17R Upper Interval	-121.5230430	38.5694009	26.00	15-26	11.00	13-26	10-13	4.00	23.75	07/14/08	NA	17.54	NA	6.21	
										10/13/08	NA	18.38	NA	5.37	
										01/13/09	NA	18.82	NA	4.93	
										04/13/09	NA	16.91	NA	6.84	
										07/18/09	NA	17.35	NA	6.40	
										10/12/09	NA	18.19	NA	5.56	
										01/11/10	NA	18.15	NA	5.60	
										04/12/10	NA	16.23	NA	7.52	
										07/12/10	NA	16.55	NA	7.20	
										10/11/10	NA	17.64	NA	6.11	
										01/10/11	NA	14.44	NA	9.31	
										04/11/11	NA	10.34	NA	13.41	
MW-18 Upper Interval	-121.5226192	38.5695909	30.00	10-30	20.00	9-30	7-9	2.00	34.88	05/22/00	NA	24.45	NA	10.43	
										08/14/00	NA	26.75	NA	8.13	
										11/13/00	NA	28.93	NA	5.95	
										02/20/01	28.72	28.91	0.19	6.13	free product/no sample
										05/14/01	28.26	28.40	0.14	6.60	free product/no sample
										08/14/01	28.68	29.06	0.38	6.15	free product/no sample
										10/12/01	30.24	30.58	0.34	4.59	
										02/04/02	26.14	26.16	0.02	8.74	gw elev adjusted for NAPH
										04/29/02	27.72	27.75	0.03	7.16	gw elev adjusted for NAPH
										07/29/02	NA	28.09	NA	6.79	
										11/04/02	29.47	29.50	0.03	5.41	gw elev adjusted for NAPH
										02/03/03	NA	24.48	NA	10.40	
										05/05/03	NA	26.25	NA	8.63	
										08/05/03	NA	26.69	NA	8.19	
										10/20/03	NA	28.31	NA	6.57	
										01/19/04	NA	26.32	NA	8.56	
										04/19/04	NA	24.22	NA	10.66	
										07/19/04	NA	27.51	NA	7.37	
										10/18/04	NA	28.64	NA	6.24	
										11/12/04	NA	28.82	NA	6.06	
										01/17/05	NA	27.30	NA	7.58	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-18 Upper Interval	-121.5226192	38.5695909	30.00	10-30	20.00	9-30	7-9	2.00	34.88	04/18/05	NA	25.88	NA	9.00	
										07/18/05	NA	25.90	NA	8.98	
										10/17/05	NA	28.18	NA	6.70	
										02/17/06	NA	20.92	NA	13.96	
										04/17/06	NA	17.88	NA	17.00	
										07/17/06	NA	23.81	NA	11.07	
										10/23/06	NA	27.33	NA	7.55	
										01/15/07	NA	28.26	NA	6.62	
										04/16/07	NA	28.08	NA	6.80	
										07/16/07	NA	28.15	NA	6.73	
										10/15/07	NA	28.82	NA	6.06	
										01/14/08	NA	27.94	NA	6.94	
										04/14/08	NA	27.34	NA	7.54	
										07/14/08	NA	28.74	NA	6.14	Insufficient water/not sampled
										10/13/08	NA	30.03	NA	4.85	
										11/24/08	NA	29.66	NA	5.22	
										01/13/09	NA	NA	NA	NA	Well dry/no sample
										01/13/09	NA	29.18	NA	5.70	Insufficient water to sample
										01/21/09	NA	NA	NA	NA	Well dry/no sample
										03/12/09	NA	29.36	NA	5.52	
										04/13/09	NA	27.82	NA	7.06	
										07/18/09	NA	29.88	NA	5.00	Insufficient water/no sample
										10/12/09	NA	29.41	NA	5.47	
										01/11/10	NA	29.41	NA	5.47	
										04/12/10	NA	26.80	NA	8.08	
										07/12/10	NA	27.41	NA	7.47	
										10/11/10	NA	28.32	NA	6.56	
										01/10/11	NA	24.61	NA	10.27	
										04/11/11	NA	20.60	NA	14.28	
MW-19 Upper Interval	-121.5221733	38.5699041	38.50	23-38.5	15.50	21-38.5	18-21	2.00	35.07	05/17/01	NA	29.92	NA	5.15	
										08/14/01	NA	29.09	NA	5.98	
										10/12/01	NA	29.47	NA	5.60	
										02/04/02	NA	26.29	NA	8.78	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-19 Upper Interval	-121.5221733	38.5699041	38.50	23-38.5	15.50	21-38.5	18-21	2.00	35.07	04/29/02	NA	28.28	NA	6.79	
										07/29/02	NA	28.67	NA	6.40	
										11/04/02	NA	29.63	NA	5.44	
										02/03/03	NA	24.08	NA	10.99	
										05/05/03	NA	26.67	NA	8.40	
										08/05/03	NA	27.03	NA	8.04	
										10/20/03	NA	28.63	NA	6.44	
										01/19/04	NA	25.67	NA	9.40	
										04/19/04	NA	24.35	NA	10.72	
										07/19/04	NA	27.93	NA	7.14	
										10/18/04	NA	28.97	NA	6.10	
										01/17/05	NA	27.07	NA	8.00	
										04/18/05	NA	26.18	NA	8.89	
										07/18/05	NA	26.36	NA	8.71	
										10/17/05	NA	28.50	NA	6.57	
										02/17/06	NA	20.40	NA	14.67	
										04/17/06	NA	17.36	NA	17.71	
										07/17/06	NA	23.93	NA	11.14	
										10/23/06	NA	25.88	NA	9.19	
										01/15/07	NA	28.58	NA	6.49	
										04/16/07	NA	28.51	NA	6.56	
										07/16/07	NA	28.45	NA	6.62	
										10/15/07	NA	29.40	NA	5.67	
										01/14/08	NA	29.20	NA	5.87	
										04/14/08	NA	28.61	NA	6.46	
										07/14/08	NA	29.40	NA	5.67	
										10/13/08	NA	29.91	NA	5.16	
										01/13/09	NA	30.24	NA	4.83	
										04/13/09	NA	28.45	NA	6.62	
										07/18/09	NA	28.95	NA	6.12	
										10/12/09	NA	29.66	NA	5.41	
										01/11/10	NA	29.65	NA	5.42	
										04/12/10	NA	27.65	NA	7.42	
										07/12/10	NA	28.03	NA	7.04	
										10/11/10	NA	28.80	NA	6.27	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-19 Upper Interval	-121.5221733	38.5699041	38.50	23-38.5	15.50	21-38.5	18-21	2.00	35.07	01/10/11	NA	23.64	NA	11.43	
										04/11/11	NA	20.18	NA	14.89	
MW-20 Lower Interval	-121.5225925	38.5699965	75.00	65-75	10.00	62.5-75.5	59.5-62.5	2.00	25.38	05/17/01	NA	21.90	NA	3.48	
										08/14/01	NA	20.19	NA	5.19	
										10/12/01	NA	21.15	NA	4.23	
										02/04/02	NA	18.92	NA	6.46	
										04/29/02	NA	20.08	NA	5.30	
										07/29/02	NA	19.37	NA	6.01	
										11/04/02	NA	21.03	NA	4.35	
										02/03/03	NA	15.36	NA	10.02	
										05/05/03	NA	15.50	NA	9.88	
										08/05/03	NA	18.44	NA	6.94	
										10/20/03	NA	20.79	NA	4.59	
										01/19/04	NA	17.27	NA	8.11	
										04/19/04	NA	17.12	NA	8.26	
										07/19/04	NA	18.55	NA	6.83	
										10/18/04	NA	20.71	NA	4.67	
										01/17/05	NA	17.19	NA	8.19	
										04/18/05	NA	19.25	NA	6.13	
										07/18/05	NA	18.78	NA	6.60	
										10/17/05	NA	20.55	NA	4.83	
										02/17/06	NA	14.29	NA	11.09	
										04/17/06	NA	8.35	NA	17.03	
										07/17/06	NA	15.21	NA	10.17	
										10/23/06	NA	19.41	NA	5.97	
										01/15/07	NA	20.19	NA	5.19	
										04/16/07	NA	19.95	NA	5.43	
										07/16/07	NA	19.60	NA	5.78	
										10/15/07	NA	20.85	NA	4.53	
										01/14/08	NA	19.30	NA	6.08	
										04/14/08	NA	20.20	NA	5.18	
										07/14/08	NA	20.69	NA	4.69	
										10/13/08	NA	21.31	NA	4.07	
										01/13/09	NA	21.44	NA	3.94	
										04/13/09	NA	21.02	NA	4.36	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-20 Lower Interval	-121.5225925	38.5699965	75.00	65-75	10.00	62.5-75.5	59.5-62.5	2.00	25.38	07/18/09	NA	20.35	NA	5.03	
										10/12/09	NA	21.25	NA	4.13	
										01/11/10	NA	20.72	NA	4.66	
										04/12/10	NA	20.05	NA	5.33	
										07/12/10	NA	19.41	NA	5.97	
										10/11/10	NA	20.36	NA	5.02	
										01/10/11	NA	17.54	NA	7.84	
										04/11/11	NA	10.50	NA	14.88	
MW-21 Upper Interval	-121.5226160	38.5700000	25.00	10-25	15.00	9-25	7.5-9	2.00	24.86	05/17/01	NA	18.43	NA	6.43	
										08/14/01	NA	18.55	NA	6.31	
										10/12/01	NA	19.16	NA	5.70	
										02/06/02	NA	16.65	NA	8.21	
										04/29/02	NA	18.18	NA	6.68	
										07/29/02	NA	18.19	NA	6.67	
										11/04/02	NA	19.34	NA	5.52	
										02/03/03	NA	14.89	NA	9.97	
										05/05/03	NA	16.26	NA	8.60	
										08/05/03	NA	16.95	NA	7.91	
										10/20/03	NA	18.65	NA	6.21	
										01/19/04	NA	16.35	NA	8.51	
										04/19/04	NA	14.50	NA	10.36	
										07/19/04	NA	17.58	NA	7.28	
										10/18/04	NA	18.86	NA	6.00	
										01/17/05	NA	16.72	NA	8.14	
										04/18/05	NA	16.15	NA	8.71	
										07/18/05	NA	16.40	NA	8.46	
										10/17/05	NA	18.60	NA	6.26	
										02/17/06	NA	11.50	NA	13.36	
										04/17/06	NA	8.70	NA	16.16	
										07/17/06	NA	13.92	NA	10.94	
										10/23/06	NA	17.78	NA	7.08	
										01/15/07	NA	18.55	NA	6.31	
										04/16/07	NA	18.29	NA	6.57	
										07/16/07	NA	18.20	NA	6.66	
										10/15/07	NA	19.10	NA	5.76	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-21 Upper Interval	-121.5226160	38.5700000	25.00	10-25	15.00	9-25	7.5-9	2.00	24.86	01/14/08	NA	18.44	NA	6.42	
										04/14/08	NA	18.32	NA	6.54	
										07/14/08	NA	18.98	NA	5.88	
										10/13/08	NA	19.75	NA	5.11	
										01/13/09	NA	20.08	NA	4.78	
										04/13/09	NA	18.25	NA	6.61	
										07/18/09	NA	18.60	NA	6.26	
										10/12/09	NA	19.64	NA	5.22	
										01/11/10	NA	19.42	NA	5.44	
										04/12/10	NA	17.52	NA	7.34	
										07/12/10	NA	17.84	NA	7.02	
										10/11/10	NA	18.80	NA	6.06	
										01/10/11	NA	14.90	NA	9.96	
										04/11/11	NA	11.27	NA	13.59	
MW-22 Lower Interval	-121.5221596	38.5696829	85.00	75-85	10.00	72.5-85.5	70-72.5	2.00	36.66	07/09/01	NA	47.80	NA	-11.14	
										08/14/01	NA	31.89	NA	4.77	
										10/12/01	NA	33.90	NA	2.76	
										02/04/02	NA	30.67	NA	5.99	
										04/29/02	NA	32.00	NA	4.66	
										07/29/02	NA	30.87	NA	5.79	
										11/04/02	NA	32.74	NA	3.92	
										02/03/03	NA	26.14	NA	10.52	
										05/05/03	NA	35.95	NA	0.71	***Questionable data***
										08/05/03	NA	38.50	NA	-1.84	***Questionable data***
										10/20/03	NA	32.41	NA	4.25	
										01/19/04	NA	26.84	NA	9.82	
										04/19/04	NA	27.76	NA	8.90	
										07/19/04	NA	29.55	NA	7.11	
										10/18/04	NA	36.80	NA	-0.14	***Questionable data***
										01/17/05	NA	30.10	NA	6.56	
										04/18/05	NA	31.32	NA	5.34	
										07/18/05	NA	30.40	NA	6.26	
										10/17/05	NA	31.67	NA	4.99	
										02/17/06	NA	24.24	NA	12.42	
										04/17/06	NA	17.70	NA	18.96	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-22 Lower Interval	-121.5221596	38.5696829	85.00	75-85	10.00	72.5-85.5	70-72.5	2.00	36.66	07/17/06	NA	24.13	NA	12.53	
										10/25/06	NA	36.94	NA	-0.28	
										01/15/07	NA	31.44	NA	5.22	
										04/16/07	NA	30.51	NA	6.15	
										07/16/07	NA	31.13	NA	5.53	
										10/15/07	NA	32.35	NA	4.31	
										01/14/08	NA	30.70	NA	5.96	
										04/14/08	NA	32.04	NA	4.62	
										07/14/08	NA	32.13	NA	4.53	
										10/13/08	NA	31.65	NA	5.01	
										01/13/09	NA	32.70	NA	3.96	
										04/13/09	NA	31.14	NA	5.52	
										07/18/09	NA	31.45	NA	5.21	
										10/12/09	NA	31.93	NA	4.73	
										01/11/10	NA	31.86	NA	4.80	
										04/12/10	NA	30.46	NA	6.20	
										07/12/10	NA	30.75	NA	5.91	
										10/11/10	NA	32.26	NA	4.40	
										01/10/11	NA	26.08	NA	10.58	
										04/11/11	NA	21.01	NA	15.65	
MW-23 Upper Interval	-121.5221687	38.5696733	37.00	27-37	10.00	25-37	22-25	2.00	36.49	07/09/01	NA	31.64	NA	4.85	
										08/14/01	NA	30.62	NA	5.87	
										10/12/01	NA	30.97	NA	5.52	
										02/04/02	NA	27.68	NA	8.81	
										04/29/02	NA	29.76	NA	6.73	
										07/29/02	NA	30.17	NA	6.32	
										11/04/02	NA	31.14	NA	5.35	
										02/03/03	NA	25.15	NA	11.34	
										05/05/03	NA	28.13	NA	8.36	
										08/05/03	NA	28.42	NA	8.07	
										10/20/03	NA	30.12	NA	6.37	
										01/19/04	NA	28.41	NA	8.08	
										04/19/04	NA	25.81	NA	10.68	
										07/19/04	NA	29.43	NA	7.06	
										10/18/04	NA	30.49	NA	6.00	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-23 Upper Interval	-121.5221687	38.5696733	37.00	27-37	10.00	25-37	22-25	2.00	36.49	01/17/05	NA	28.44	NA	8.05	
										04/18/05	NA	27.62	NA	8.87	
										07/18/05	NA	27.91	NA	8.58	
										10/17/05	NA	29.88	NA	6.61	
										02/17/06	NA	21.42	NA	15.07	
										04/17/06	NA	18.21	NA	18.28	
										07/17/06	NA	27.51	NA	8.98	
										10/25/06	NA	29.33	NA	7.16	
										01/15/07	NA	29.93	NA	6.56	
										04/16/07	NA	30.00	NA	6.49	
										07/16/07	NA	30.45	NA	6.04	
										10/15/07	NA	30.85	NA	5.64	
										01/14/08	NA	30.58	NA	5.91	
										04/14/08	NA	30.12	NA	6.37	
										07/14/08	NA	30.92	NA	5.57	
										10/13/08	NA	31.41	NA	5.08	
										01/13/09	NA	32.71	NA	3.78	
										04/13/09	NA	29.84	NA	6.65	
										07/18/09	NA	30.40	NA	6.09	
										10/12/09	NA	31.06	NA	5.43	
										01/11/10	NA	31.10	NA	5.39	
										04/12/10	NA	29.17	NA	7.32	
										07/12/10	NA	29.78	NA	6.71	
										10/11/10	NA	30.24	NA	6.25	
										01/10/11	NA	22.07	NA	14.42	
										04/11/11	NA	22.70	NA	13.79	
MW-24 Lower Interval	-121.5238595	38.5691747	53.40	48.5-53.5	5.00	47.5-56	43.5-47.5	2.00	19.80	02/04/02	NA	12.62	NA	7.18	
										04/29/02	NA	13.69	NA	6.11	
										07/29/02	NA	13.21	NA	6.59	
										11/04/02	NA	14.66	NA	5.14	
										02/03/03	NA	10.80	NA	9.00	
										05/05/03	NA	10.80	NA	9.00	
										08/05/03	NA	12.40	NA	7.40	
										10/20/03	NA	14.26	NA	5.54	
										01/19/04	NA	12.06	NA	7.74	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-24 Lower Interval	-121.5238595	38.5691747	53.40	48.5-53.5	5.00	47.5-56	43.5-47.5	2.00	19.80	04/19/04	NA	11.14	NA	8.66	
										07/19/04	NA	12.73	NA	7.07	
										10/18/04	NA	14.15	NA	5.65	
										01/17/05	NA	11.45	NA	8.35	
										04/18/05	NA	10.87	NA	8.93	
										07/18/05	NA	12.35	NA	7.45	
										10/17/05	NA	14.28	NA	5.52	
										02/17/06	NA	9.56	NA	10.24	
										04/17/06	NA	5.02	NA	14.78	
										07/17/06	NA	11.40	NA	8.40	
										10/23/06	NA	13.72	NA	6.08	
										01/15/07	NA	14.05	NA	5.75	
										04/16/07	NA	13.52	NA	6.28	
										07/16/07	NA	13.20	NA	6.60	
										10/15/07	NA	13.50	NA	6.30	
										01/14/08	NA	13.42	NA	6.38	
										04/14/08	NA	13.69	NA	6.11	
										07/14/08	NA	14.00	NA	5.80	
										10/13/08	NA	15.96	NA	3.84	
										01/13/09	NA	15.40	NA	4.40	
										04/13/09	NA	13.60	NA	6.20	
										07/18/09	NA	13.81	NA	5.99	
										10/12/09	NA	14.81	NA	4.99	
										01/11/10	NA	14.78	NA	5.02	
										04/12/10	NA	12.98	NA	6.82	
										07/12/10	NA	13.12	NA	6.68	
										10/11/10	NA	14.37	NA	5.43	
										01/10/11	NA	10.53	NA	9.27	
										04/11/11	NA	7.20	NA	12.60	
MW-25 Upper Interval	-121.5238658	38.5691609	18.00	8-18	10.00	7-18.5	6-7	2.00	20.00	02/04/02	NA	11.87	NA	8.13	
										04/29/02	NA	13.13	NA	6.87	
										07/29/02	NA	13.15	NA	6.85	
										11/04/02	NA	14.25	NA	5.75	
										02/03/03	NA	10.76	NA	9.24	
										05/05/03	NA	11.39	NA	8.61	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-25 Upper Interval	-121.5238658	38.5691609	18.00	8-18	10.00	7-18.5	6-7	2.00	20.00	08/05/03	NA	12.10	NA	7.90	
										10/20/03	NA	13.64	NA	6.36	
										01/19/04	NA	11.80	NA	8.20	
										04/19/04	NA	10.09	NA	9.91	
										07/19/04	NA	12.53	NA	7.47	
										10/18/04	NA	13.62	NA	6.38	
										01/17/05	NA	11.31	NA	8.69	
										04/18/05	NA	10.71	NA	9.29	
										07/18/05	NA	11.66	NA	8.34	
										10/17/05	NA	13.62	NA	6.38	
										02/17/06	NA	8.56	NA	11.44	
										04/17/06	NA	5.72	NA	14.28	
										07/17/06	NA	9.50	NA	10.50	
										10/23/06	NA	12.82	NA	7.18	
										01/15/07	NA	13.59	NA	6.41	
										04/16/07	NA	12.98	NA	7.02	
										07/16/07	NA	12.95	NA	7.05	
										10/15/07	NA	13.17	NA	6.83	
										01/14/08	NA	13.16	NA	6.84	
										04/14/08	NA	13.01	NA	6.99	
										07/14/08	NA	13.63	NA	6.37	
										10/13/08	NA	14.50	NA	5.50	
										01/13/09	NA	15.04	NA	4.96	
										04/13/09	NA	13.03	NA	6.97	
										07/18/09	NA	13.58	NA	6.42	
										10/12/09	NA	14.51	NA	5.49	
										01/11/10	NA	14.31	NA	5.69	
										04/12/10	NA	12.17	NA	7.83	
										07/12/10	NA	12.82	NA	7.18	
										10/11/10	NA	14.00	NA	6.00	
										01/10/11	NA	10.61	NA	9.39	
										04/11/11	NA	7.54	NA	12.46	
MW-26 Lower Interval	-121.5232109	38.5696930	55.00	50-55	5.00	47.5-56	42-47.5	2.00	19.88	02/04/02	NA	12.61	NA	7.27	
										04/29/02	NA	13.65	NA	6.23	
										07/29/02	NA	13.21	NA	6.67	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-26 Lower Interval	-121.5232109	38.5696930	55.00	50-55	5.00	47.5-56	42-47.5	2.00	19.88	11/04/02	NA	14.59	NA	5.29	
										02/03/03	NA	10.80	NA	9.08	
										05/05/03	NA	10.73	NA	9.15	
										08/05/03	NA	12.42	NA	7.46	
										10/20/03	NA	14.19	NA	5.69	
										01/19/04	NA	12.02	NA	7.86	
										04/19/04	NA	11.11	NA	8.77	
										07/19/04	NA	12.75	NA	7.13	
										10/18/04	NA	14.11	NA	5.77	
										01/17/05	NA	11.41	NA	8.47	
										04/18/05	NA	11.87	NA	8.01	
										07/18/05	NA	12.25	NA	7.63	
										10/17/05	NA	14.17	NA	5.71	
										02/17/06	NA	9.60	NA	10.28	
										04/17/06	NA	5.56	NA	14.32	
										07/17/06	NA	11.26	NA	8.62	
										10/23/06	NA	13.61	NA	6.27	
										01/15/07	NA	14.04	NA	5.84	
										04/16/07	NA	13.54	NA	6.34	
										07/16/07	NA	13.30	NA	6.58	
										10/15/07	NA	14.50	NA	5.38	
										01/14/08	NA	13.48	NA	6.40	
										04/14/08	NA	13.61	NA	6.27	
										07/14/08	NA	13.92	NA	5.96	
										10/13/08	NA	14.95	NA	4.93	
										01/13/09	NA	15.33	NA	4.55	
										04/13/09	NA	13.57	NA	6.31	
										07/18/09	NA	13.80	NA	6.08	
										10/12/09	NA	14.73	NA	5.15	
										01/11/10	NA	14.71	NA	5.17	
										04/12/10	NA	12.90	NA	6.98	
										07/12/10	NA	13.17	NA	6.71	
										10/11/10	NA	14.30	NA	5.58	
										01/10/11	NA	10.63	NA	9.25	
										04/11/11	NA	7.22	NA	12.66	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-27 Upper Interval	-121.5232172	38.5696796	18.50	8.5-18.5	10.00	7.5-18.5	5-7.5	2.00	19.99	02/04/02	NA	11.94	NA	8.05	
										04/29/02	NA	13.28	NA	6.71	
										07/29/02	NA	13.18	NA	6.81	
										11/04/02	NA	14.40	NA	5.59	
										02/03/03	NA	10.53	NA	9.46	
										05/05/03	NA	11.29	NA	8.70	
										08/05/03	NA	12.07	NA	7.92	
										10/20/03	NA	13.78	NA	6.21	
										01/19/04	NA	11.73	NA	8.26	
										04/19/04	NA	9.98	NA	10.01	
										07/19/04	NA	12.60	NA	7.39	
										10/18/04	NA	13.80	NA	6.19	
										01/17/05	NA	11.48	NA	8.51	
										04/18/05	NA	11.24	NA	8.75	
										07/18/05	NA	11.66	NA	8.33	
										10/17/05	NA	13.68	NA	6.31	
										02/17/06	NA	7.89	NA	12.10	
										04/17/06	NA	5.01	NA	14.98	
										07/17/06	NA	9.54	NA	10.45	
										10/23/06	NA	13.00	NA	6.99	
										01/15/07	NA	13.67	NA	6.32	
										04/16/07	NA	13.30	NA	6.69	
										07/16/07	NA	13.25	NA	6.74	
										10/15/07	NA	14.20	NA	5.79	
										01/14/08	NA	13.44	NA	6.55	
										04/14/08	NA	13.30	NA	6.69	
										07/14/08	NA	13.89	NA	6.10	
										10/13/08	NA	14.72	NA	5.27	
										01/13/09	NA	15.11	NA	4.88	
										04/13/09	NA	13.31	NA	6.68	
										07/18/09	NA	13.61	NA	6.38	
										10/12/09	NA	14.49	NA	5.50	
										01/11/10	NA	14.43	NA	5.56	
										04/12/10	NA	12.57	NA	7.42	
										07/12/10	NA	12.90	NA	7.09	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-27 Upper Interval	-121.5232172	38.5696796	18.50	8.5-18.5	10.00	7.5-18.5	5-7.5	2.00	19.99	10/11/10	NA	13.99	NA	6.00	
										01/10/11	NA	10.47	NA	9.52	
										04/11/11	NA	7.15	NA	12.84	
MW-28 Lower Interval	-121.5230957	38.5700607	56.00	51-56	5.00	47-57	44-47	2.00	21.90	02/04/02	NA	14.45	NA	7.45	
										04/29/02	NA	15.50	NA	6.40	
										07/29/02	NA	15.11	NA	6.79	
										11/04/02	NA	16.48	NA	5.42	
										02/03/03	NA	12.78	NA	9.12	
										05/05/03	NA	12.80	NA	9.10	
										08/05/03	NA	14.29	NA	7.61	
										10/20/03	NA	16.04	NA	5.86	
										01/19/04	NA	13.96	NA	7.94	
										04/19/04	NA	13.02	NA	8.88	
										07/19/04	NA	14.61	NA	7.29	
										10/18/04	NA	15.95	NA	5.95	
										01/17/05	NA	13.30	NA	8.60	
										04/18/05	NA	13.73	NA	8.17	
										07/18/05	NA	14.11	NA	7.79	
										10/17/05	NA	16.04	NA	5.86	
										02/17/06	NA	11.50	NA	10.40	
										04/17/06	NA	7.07	NA	14.83	
										07/17/06	NA	13.08	NA	8.82	
										10/23/06	NA	15.49	NA	6.41	
										01/15/07	NA	15.83	NA	6.07	
										04/16/07	NA	15.40	NA	6.50	
										07/16/07	NA	15.25	NA	6.65	
										10/15/07	NA	16.25	NA	5.65	
										01/14/08	NA	15.45	NA	6.45	
										04/14/08	NA	15.40	NA	6.50	
										07/14/08	NA	15.84	NA	6.06	
										10/13/08	NA	16.83	NA	5.07	
										01/13/09	NA	17.43	NA	4.47	
										04/13/09	NA	15.50	NA	6.40	
										07/18/09	NA	15.80	NA	6.10	
										10/12/09	NA	16.75	NA	5.15	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-28 Lower Interval	-121.5230957	38.5700607	56.00	51-56	5.00	47-57	44-47	2.00	21.90	01/11/10	NA	16.59	NA	5.31	
										04/12/10	NA	14.80	NA	7.10	
										07/12/10	NA	15.04	NA	6.86	
										10/11/10	NA	16.19	NA	5.71	
										01/10/11	NA	12.46	NA	9.44	
										04/11/11	NA	9.20	NA	12.70	
MW-29 Upper Interval	-121.5230769	38.5700664	20.00	10-20	10.00	9-20.06	8-9	2.00	22.21	02/04/02	NA	14.14	NA	8.07	
										04/29/02	NA	15.49	NA	6.72	
										07/29/02	NA	15.40	NA	6.81	
										11/04/02	NA	16.59	NA	5.62	
										02/03/03	NA	12.71	NA	9.50	
										05/05/03	NA	13.49	NA	8.72	
										08/05/03	NA	14.31	NA	7.90	
										10/20/03	NA	16.00	NA	6.21	
										01/19/04	NA	20.06	NA	2.15	
										04/19/04	NA	12.26	NA	9.95	
										07/19/04	NA	14.83	NA	7.38	
										10/18/04	NA	16.01	NA	6.20	
										01/17/05	NA	13.70	NA	8.51	
										04/18/05	NA	13.50	NA	8.71	
										02/17/06	NA	10.13	NA	12.08	
										04/17/06	NA	7.21	NA	15.00	
										07/17/06	NA	11.77	NA	10.44	
										10/23/06	NA	15.29	NA	6.92	
										01/15/07	NA	15.87	NA	6.34	
										04/16/07	NA	15.51	NA	6.70	
										07/16/07	NA	15.50	NA	6.71	
										10/15/07	NA	16.30	NA	5.91	
										01/14/08	NA	15.60	NA	6.61	
										04/14/08	NA	15.58	NA	6.63	
										07/14/08	NA	16.05	NA	6.16	
										10/13/08	NA	16.92	NA	5.29	
										01/13/09	NA	17.32	NA	4.89	
										04/13/09	NA	15.56	NA	6.65	
										07/18/09	NA	15.84	NA	6.37	

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
MW-29 Upper Interval	-121.5230769	38.5700664	20.00	10-20	10.00	9-20.06	8-9	2.00	22.21	10/12/09	NA	16.71	NA	5.50	
										01/11/10	NA	16.65	NA	5.56	
										04/12/10	NA	14.85	NA	7.36	
										07/12/10	NA	15.12	NA	7.09	
										10/11/10	NA	16.15	NA	6.06	
										01/10/11	NA	12.64	NA	9.57	
										04/11/11	NA	9.32	NA	12.89	
UI GW Flow			NM						NA	02/17/00	NA	NA	NA	NA	0.05 ft/ft Radial Outward
										05/22/00	NA	NA	NA	NA	0.03 ft/ft Radial Outward
										08/14/00	NA	NA	NA	NA	0.06 ft/ft Radial Outward
										11/13/00	NA	NA	NA	NA	0.03 ft/ft Radial Outward
										02/20/01	NA	NA	NA	NA	0.03 ft/ft Radial Outward
										08/15/01	NA	NA	NA	NA	0.03 ft/ft Radial Outward
										10/12/01	NA	NA	NA	NA	0.03 ft/ft Radial Outward
										02/04/02	NA	NA	NA	NA	0.02-0.07 ft/ft Radial Outward
										04/29/02	NA	NA	NA	NA	0.024-0.027 ft/ft Radial Outward
										07/29/02	NA	NA	NA	NA	0.012-0.057 ft/ft Radial Outward
										11/04/02	NA	NA	NA	NA	0.018-0.06 ft/ft Radial Outward
										02/03/03	NA	NA	NA	NA	Radial Outward
										05/05/03	NA	NA	NA	NA	Radial Outward
										08/05/03	NA	NA	NA	NA	Radial Outward
										10/20/03	NA	NA	NA	NA	Radial Outward
										01/19/04	NA	NA	NA	NA	Radial Outward
										04/19/04	NA	NA	NA	NA	Radial Outward
										07/19/04	NA	NA	NA	NA	Radial Outward
										10/18/04	NA	NA	NA	NA	Radial Outward
										01/17/05	NA	NA	NA	NA	Radial Outward
										04/18/05	NA	NA	NA	NA	Radial Outward
										07/18/05	NA	NA	NA	NA	Radial Outward
										07/18/05	NA	13.90	NA		
										10/17/05	NA	NA	NA	NA	Radial Outward
										10/17/05	NA	15.95	NA		

Table 1

Summary of Monitoring Well Construction and Groundwater Gauging Data
SFPP, L.P. West Sacramento Station

Well	Longitude	Latitude	Total Depth (ft)	Screen Interval (ft bgs)	Screen Length (ft)	Sand Interval (ft bgs)	Bentonite Interval (ft bgs)	Casing Diameter (in)	TOC Elevation (ft-msl)	Gauging Date (M/D/Y)	Depth to Product* (ft)	Depth to Water* (ft)	Product Thickness (ft)	Groundwater Elevation (ft-msl)	Comments
UI GW Flow			NM						NA	02/17/06	NA	NA	NA	NA	Radial Outward
										02/17/06	NA	10.13	NA		
										04/17/06	NA	NA	NA	NA	Radial Outward
										04/17/06	NA	7.21	NA		
										07/17/06	NA	NA	NA	NA	Radial Outward
										10/23/06	NA	NA	NA	NA	Radial Outward
										01/15/07	NA	NA	NA	NA	Radial Outward
										04/16/07	NA	NA	NA	NA	Radial Outward
										07/16/07	NA	NA	NA	NA	Radial Outward
										10/15/07	NA	NA	NA	NA	Radial Outward
										01/14/08	NA	NA	NA	NA	Radial Outward
										04/14/08	NA	NA	NA	NA	Radial Outward
										07/14/08	NA	NA	NA	NA	Radial Outward
										10/13/08	NA	NA	NA	NA	Radial Outward
										01/13/09	NA	NA	NA	NA	Radial Outward
										04/13/09	NA	NA	NA	NA	Radial Outward
LI GW Flow			NM						NA	02/17/00	NA	NA	NA	NA	0.02 ft/ft Southwest
										05/22/00	NA	NA	NA	NA	0.03 ft/ft Outward
										08/14/00	NA	NA	NA	NA	0.01 ft/ft North
										11/13/00	NA	NA	NA	NA	0.02 ft/ft North
										02/20/01	NA	NA	NA	NA	0.001 ft/ft Northeasterly
										08/15/01	NA	NA	NA	NA	0.001 ft/ft Northeasterly
										10/12/01	NA	NA	NA	NA	0.015 ft/ft Easterly
										02/04/02	NA	NA	NA	NA	0.017 ft/ft Easterly
										04/29/02	NA	NA	NA	NA	0.020 ft/ft various
										07/29/02	NA	NA	NA	NA	0.0092 ft/ft Northeast
										11/04/02	NA	NA	NA	NA	0.0058 ft/ft Easterly
										02/03/03	NA	NA	NA	NA	Flat
										05/05/03	NA	NA	NA	NA	Flat
										08/05/03	NA	NA	NA	NA	0.0027 ft/ft Easterly
										10/20/03	NA	NA	NA	NA	0.0027 ft/ft Easterly
										01/19/04	NA	NA	NA	NA	0.007 ft/ft radial/westerly
										04/19/04	NA	NA	NA	NA	Flat/radial
										07/19/04	NA	NA	NA	NA	Flat
										10/18/04	NA	NA	NA	NA	Flat

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SFPP, L.P. West Sacramento Station

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LI GW Flow			NM						NA	01/17/05	NA	NA	NA	NA	Flat
										04/18/05	NA	NA	NA	NA	Flat
										07/18/05	NA	NA	NA	NA	Flat/northeasterly
										10/17/05	NA	NA	NA	NA	Flat/northeasterly
										02/17/06	NA	NA	NA	NA	Flat/northeasterly
										04/17/06	NA	NA	NA	NA	Flat/westerly
										07/17/06	NA	NA	NA	NA	
										10/23/06	NA	NA	NA	NA	Northeasterly
										01/15/07	NA	NA	NA	NA	Flat/Northeasterly
										04/16/07	NA	NA	NA	NA	Flat/Northeasterly
										07/16/07	NA	NA	NA	NA	Flat/Northeasterly
										10/15/07	NA	NA	NA	NA	Northeasterly
										01/14/08	NA	NA	NA	NA	Northeasterly
										04/14/08	NA	NA	NA	NA	Flat/Northeasterly
										07/14/08	NA	NA	NA	NA	Flat/Northeasterly
										10/13/08	NA	NA	NA	NA	Flat/Northeasterly
										01/13/09	NA	NA	NA	NA	Flat/Northeasterly
										04/13/09	NA	NA	NA	NA	Flat/Northeasterly

Notes:

in = Inches
msl = Mean sea level
UI GW = Upper Interval Groundwater
NA = Not Applicable
NM = Not Measured
* = Measured from top of casing

ft = Feet
M/D/Y = Month/Day/Year
LI GW = Lower Interval Groundwater
TOC = Top of Casing
bgs = Below ground surface

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-1 Lower Interval	02/18/00	0.22	0.44*w*	<0.50	<0.50	<0.50	<0.50	
	05/23/00	0.17	0.52	<0.50	<0.50	<0.50	<0.50	
	08/14/00	0.19	1.2	<0.50	<0.50	<0.50	<0.50	
	11/13/00	0.13	0.80	<0.50	<0.50	<0.50	<0.50	
	02/22/01	0.15	0.42	<0.50	<0.50	<0.50	<0.50	
	05/15/01	0.17	0.39**	<0.50	<0.50	<0.50	<0.50	
	08/15/01	0.19	0.47	<0.50	<0.50	<0.50	<0.50	
	10/13/01	0.15	0.29	<0.50	<0.50	<0.50	<0.50	
	02/04/02	<0.05	0.074	<0.50	<0.50	<0.50	<0.50	Duplicate
	02/06/02	0.17*m*	0.38**	<0.50	<0.50	<0.50	<0.50	
	05/02/02	0.069*m*	0.29**	<0.50	<0.50	<0.50	<0.50	
	07/31/02	0.18*m*	0.27	<0.50	<0.50	<0.50	<0.50	
	11/06/02	0.17	0.21**	<0.50	<0.50	<0.50	<0.50	
	02/07/03	0.24	0.35	<0.50	<0.50	<0.50	<0.50	
	05/09/03	0.16	0.35	<0.50	<0.50	<0.50	<0.50	
	08/06/03	0.12	0.37	<0.50	<0.50	<0.50	<0.50	
	10/23/03	<0.05	0.47	<0.50	<0.50	<0.50	<0.50	
	01/21/04	<0.05	1.2	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	0.09	0.38	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	0.22	0.34	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	0.14	0.25	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	0.15	0.35	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	0.12	0.46	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	0.22	0.29	0.52	<0.50	<0.50	1.5	
	04/16/07	---	---	---	---	---	---	
	07/16/07	0.15	0.18	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.10*o*	0.24	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	0.051	0.27	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/15/09	0.092	0.25	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/14/09	0.08	0.19	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	<0.05	0.21	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	0.06*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	<0.05	0.06	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-2 Upper Interval	02/18/00	6.6	0.11*w*	830	26	540	35	
	05/23/00	6.9	0.98	640	21	450	41	
	08/15/00	6.5	2.3	610	18	240	40	
	11/14/00	5.5	1.4**	750	22	260	28	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-2 Upper Interval	02/20/01	8.4	0.58	990	30	780	39	(Field Dup) Duplicate of MW-2
	02/22/01	9.0	0.073	1,100	32	890	42	
	05/15/01	14	0.36**	1,400	35	850	37	
	05/15/01	13	0.37	1,300	33	820	35	(Field Dup) Duplicate of MW-2
	08/15/01	9.7	0.17**	1,500	43	820	41	
	08/15/01	10	0.29	1,500	43	800	43	(MW-201) Duplicate of MW-2
	10/13/01	13	0.32**	1,200	31	630	30	
	02/05/02	8.7	0.23**	1,300	29	520	23	
	02/05/02	8.9	0.29	1,200	29	510	24	(MW-201) Duplicate of MW-2
	04/30/02	12*m*	0.22**	1,000	36	510	30	
	04/30/02	9.9	0.24	880	31	430	25	(MW-201) Duplicate of MW-2
	07/30/02	9.6*m*	0.34**	1,200	30	560	27	
	11/05/02	11	0.20**	1,400	30	540	24	
	02/04/03	7.7	0.33**	1,300	31	560	24	
	05/09/03	8.1	0.31**	670	20	310	16	
	08/06/03	5.1	3.8**	790	19	320	14	
	10/21/03	5.8	3.3**	440	14	110	9.2*	
	01/21/04	3.1	2.7**	750	7.2	<5.0*	<5.0*	
	04/19/04	8.3	0.56**	690	20	360	12	
	07/19/04	9.4	0.17**	740	17	290	18.5	
	11/12/04	6.1	4.0	270	10	46	6.5*	
	01/17/05	15	0.63**	1,100	27	450	18	
	04/18/05	12	0.34**	1,000	25	320	18*	
	07/18/05	8.8	0.60	950	24	340	18	
	10/17/05	9.3	0.47**	590	18	240	13	
	02/17/06	10	0.50	690	21	430	15	
	04/17/06	12	1.5*k*	260	8.6	460	1,011	
	07/18/06	4.0	0.40*k*	170	7.0	150	13.5	
	10/26/06	4.3	0.79*k*	250	9.1	32	11.9	
	01/15/07	5.8	0.51*k*	120	6.9	76	8.0	
	04/16/07	6.6	0.40*k*	210	8.3	120	8.4	
	07/17/07	5.9	0.26*k*	340	11	140	9.1	
	10/16/07	7.6	0.36*k*	460	13	160	9.1	
	01/15/08	4.9	0.87*k*	160	6.1	26	6.9	
	04/14/08	8.6	0.44*k*	700	17	200	11	
	07/15/08	5.6	0.63*k*	340	10	87	7.5	
	10/13/08	6.1	0.60	430	13	110	7.9	
	10/13/08	5.4	0.55	390	11	97	7.0	(DUP-1) Duplicate of MW-2
	01/15/09	8.3	0.62	500	14	110	8.8	
	04/13/09	7.4	0.88	840	21	180	11	
	07/14/09	6.6	0.78	630	14	110	7.4	
	10/12/09	8.2	0.67	520	14	79	7.6	
	01/12/10	7.0	0.75	440	12	83	6.3	
	04/12/10	7.3	0.45*x*	530	13	93	6.9	
	07/13/10	7.0	0.21*xk*	720	14	77	8.0	
	10/11/10	6.0	1.1	330	9.1	33	4.9	
	01/11/11	6.1	0.75	500	14	93	5.2	
	04/11/11	4.0	0.72*xK*	210	5.8	31	4.6	
	04/11/11	4.9	0.68*xK*	300	8.9	60	6.4	(DUP-01) Duplicate of MW-2
MW-3 Lower Interval	02/18/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/23/00	0.11	0.14	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-3 Lower Interval	08/15/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	0.061	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/21/01	0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/22/01	---	---	---	---	---	---	
	05/15/01	0.094	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/15/01	1.0	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	10/12/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.10*f*	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/01/02	<0.20*	<0.10^	<1.0*	<1.0*	<1.0*	<1.0*	
	07/30/02	<0.10*f*	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	3.0	<0.10	<5.0*	<5.0*	<5.0*	<5.0*	
	11/06/02	3.4	<0.05	<5.0	<5.0	<5.0	<5.0	(MW-301) Duplicate of MW-3
	01/20/03	---	---	---	---	---	---	(MW-33) Duplicate of MW-3
	02/06/03	1.7	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	02/06/03	1.2	<0.05	<2.5	<2.5	<2.5	<2.5	(MW-301) Duplicate of MW-3
	05/09/03	1.4	<0.10^	<5.0*	<5.0*	<5.0*	<5.0*	
	05/09/03	1.5	<0.10	<5.0	<5.0	<5.0	<5.0	(MW-300) Duplicate of MW-3
	08/06/03	0.86	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	10/23/03	<2.0*	<0.05	<10*	<10*	<10*	<10*	
	01/20/04	2.4	<0.10^	<5.0*	<5.0*	<5.0*	<5.0*	
	01/20/04	2.7	<0.05	<0.10	<0.10	<0.10	<0.10	(MW-33) Duplicate of MW-3
	04/19/04	1.1	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	07/19/04	3.6	<0.05	<10*	<10*	<10*	<10*	
	11/12/04	---	---	---	---	---	---	Unable to access well
	01/17/05	6.6	<0.05	<10*	<10*	<10*	<10*	
	04/18/05	7.1	<0.05	<10*n*	<10*n*	<10*n*	<10*n*	
	07/18/05	6.6	<0.05	<10*n*	<10*n*	<10*n*	<10*n*	
	10/17/05	5.7	<0.05	<10*n*	<10*n*	<10*n*	<10*n*	
	02/17/06	2.9	<0.05	<10*n*	<10*n*	<10*n*	<10*n*	
	04/17/06	1.6	<0.10*	<5.0*d*	<5.0*d*	<5.0*d*	<5.0*d*	
	07/17/06	6.1	<0.05	<10*	<10*	<10*	<10*	
	07/17/06	5.7	<0.05	<10*	<10*	<10*	<10*	(DUP-2) Duplicate of MW-3
	10/23/06	3.0	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	10/23/06	3.1	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	(DUP-1) Duplicate of MW-3
	01/15/07	3.9	0.11	<5.0*	<5.0*	<5.0*	<5.0*	
	01/15/07	4.3	<0.10^	<5.0*	<5.0*	<5.0*	<5.0*	(DUP-1) Duplicate of MW-3
	04/16/07	5.0	<0.05	<5.0*	<5.0*	<5.0*	<5.0*	
	07/16/07	2.5	<0.05	<10*	<10*	<10*	<10*	
	07/16/07	3.0	0.068	<10*	<10*	<10*	<10*	(DUP-3) Duplicate of MW-3
	10/16/07	2.0	<0.05	<2.5*	<2.5*	<2.5*	<2.5*	
	10/16/07	2.1	0.054	<2.5*	<2.5*	<2.5*	<2.5*	(DUP-2) Duplicate of MW-3
	01/14/08	2.7	0.12	<5.0*	<5.0*	<5.0*	<5.0*	
	01/14/08	2.7	0.11	<5.0*	<5.0*	<5.0*	<5.0*	(DUP-1) Duplicate of MW-3
	04/14/08	1.5	0.053	<2.5*d*	<2.5*d*	<2.5*d*	<2.5*d*	
	04/14/08	1.4	0.088	<2.5*d*	<2.5*d*	<2.5*d*	<2.5*d*	(DUP-2) Duplicate of MW-3
	07/15/08	<0.20	0.097	<1.0*v*	<1.0*v*	<1.0*v*	<2.0*v*	
	07/15/08	0.24	<0.05*w*	<1.0*v*	<1.0*v*	<1.0*v*	<2.0*v*	(DUP-3) Duplicate of MW-3
	10/13/08	<0.05	0.065	<0.50	<0.50	<0.50	<1.0	
	01/15/09	0.06	<0.05*W*	<0.50	<0.50	<0.50	<0.50	
	01/15/09	0.056	<0.05	<0.50	<0.50	<0.50	<0.50	(DUP-3) Duplicate of MW-3
	04/13/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<1.0	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-3 Lower Interval	04/13/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-3
	07/14/09	<0.10	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/14/09	<0.10	<0.05*x*	<0.50	<0.50	<0.50	<0.50	(DUP-3) Duplicate of MW-3
	10/12/09	0.23	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	0.17	<0.05*x*	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-3
	01/11/10	0.077	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/11/10	0.076	<0.05*x*	<0.50	<0.50	<0.50	<0.50	(DUP-01) Duplicate of MW-3
	04/12/10	0.079	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	04/12/10	0.083	0.053*x*	<0.50	<0.50	<0.50	<0.50	(DUP-01) Duplicate of MW-3
	07/13/10	0.11	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	07/13/10	0.12	<0.10*x*^	<0.50	<0.50	<0.50	<0.50	(DUP-01) Duplicate of MW-3
	10/11/10	<0.05	0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	<0.05	0.082	<0.50	<0.50	<0.50	<0.50	(DUP-01) Duplicate of MW-3
	01/10/11	0.23	0.064	<0.50	<0.50	<0.50	<1.0	
	01/10/11	0.21	0.082	<0.50	<0.50	<0.50	<1.0	(DUP-01) Duplicate of MW-3
	04/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
MW-4 Lower Interval	02/18/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/23/00	0.079	0.07	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	0.065	<0.50	<0.50	<0.50	<0.50	
	11/13/00	0.087	<0.05	<0.50	0.55	<0.50	<0.50	
	02/22/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/15/01	0.20	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/01	0.27	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.20^	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	02/06/02	<0.20*f*	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	05/02/02	<0.50*	0.23**	<2.5*	<2.5*	<2.5*	<2.5*	
	08/01/02	<1.0*m*	0.78**	<5.0*	<5.0*	<5.0*	<5.0*	
	08/01/02	<1.0	0.80	5.1	<5.0	<5.0	<5.0	(MW-401) Duplicate of MW-4
	11/06/02	4.3	0.86**	<5.0*	<5.0*	<5.0*	<5.0*	
	02/06/03	2.0	0.21	<5.0*	<5.0*	<5.0*	<5.0*	
	02/06/03	2.2	0.22	<5.0	<5.0	<5.0	<5.0	(MW-401) Duplicate of MW-4
	05/09/03	0.46	0.19**	<1.0*	<1.0*	<1.0*	<1.0*	
	08/05/03	0.21	1.3	<1.0*	<1.0*	<1.0*	<1.0*	
	10/23/03	0.33	0.37**	<1.5*	<1.5*	<1.5*	<1.5*	
	10/23/03	0.31	0.39	<1.5	<1.5	<1.5	<1.5	(MW-0404) Duplicate of MW-4
	01/21/04	0.51	0.19**	<1.5*	<1.5*	<1.5*	<1.5*	
	04/19/04	0.99	0.35	<2.5*	<2.5*	<2.5*	<2.5*	
	07/19/04	<0.20	0.76**	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	11/12/04	---	---	---	---	---	---	Unable to access well
	01/17/05	3.8	0.29	<5.0*	<5.0*	<5.0*	<5.0*	
	04/18/05	3.0	0.60	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	07/18/05	<0.05	0.93	<0.50	<0.50	<0.50	<0.50	
	10/17/05	<0.02*o*	0.63	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	02/17/06	<0.05	0.41	<0.50	<0.50	<0.50	<0.50	
	02/17/06	<0.05	0.39	<0.50	<0.50	<0.50	<0.50	(Dup-1) Duplicate of MW-4
	04/17/06	<0.30*d*	0.28	<1.5*d*	<1.5*d*	<1.5*d*	<1.5*d*	
	07/17/06	<0.05	0.26	<0.50	<0.50	<0.50	<0.50	
	10/23/06	<0.10*o*	0.53	<0.50	<0.50	<0.50	<0.50	
	01/15/07	<0.05	0.42	<0.50	<0.50	<0.50	<0.50	
	04/16/07	<0.10*o*	0.54	<0.50	<0.50	<0.50	<0.50	
	07/16/07	<0.20*	0.34	<1.0*	<1.0*	<1.0*	<1.0*	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-4 Lower Interval	10/16/07	<0.20*d*	0.47	<1.0*d*	<1.0*d*	<1.0*d*	<1.0*d*	
	01/15/08	<0.30*	0.40	<1.5*	<1.5*	<1.5*	<1.5*	
	04/14/08	<0.10*o*	0.53	<0.50	<0.50	<0.50	<0.50	
	07/15/08	<0.50*d*	0.34	<2.5*d*	<2.5*d*	<2.5*d*	<5.0*d*	
	10/13/08	<0.20*d*	0.24	<1.0*d*	<1.0*d*	<1.0*d*	<2.0*d*	
	01/14/09	<0.40	0.21	<2.0*V*	<2.0*V*	<2.0*V*	<2.0*V*	
	04/13/09	<0.20	2.0	<1.0*O*	<1.0*O*	<1.0*O*	<2.0*O*	
	07/13/09	<0.20	1.2	<1.0	<1.0	<1.0	<1.0	
	10/12/09	<0.10	0.57	<0.50	<0.50	<0.50	<0.50	
	01/12/10	<0.40	0.64*v*	<2.0	<2.0*v*	<2.0	<2.0*v*	
	04/12/10	<0.10*o*	0.25*x*	<0.50	<0.50	<0.50	<0.50	
	07/13/10	0.06	1.4*x***	<0.50	<0.50	<0.50	<0.50	
	10/11/10	0.15	3.6	<0.50	<0.50	<0.50	<0.50	
	01/11/11	<0.20*o*	1.1	<1.0*o*	<1.0*o*	<1.0*o*	<2.0*o*	
	04/11/11	<0.05	0.26	<0.50	<0.50	<0.50	<0.50	
MW-5 Upper Interval	02/18/00	2.7	0.059*w*	<4.0*	<4.0*	<4.0*	<4.0*	
	05/23/00	0.57	0.19	12	<1.0*	<1.0*	<1.0*	
	08/15/00	6.7	0.30	45	<10*	<10*	<10*	
	11/14/00	21	0.61**	91	<10*	10	22	
	02/20/01	5.7	0.30	13	<10*	15	28	
	05/15/01	34	0.60**	280	<63*	<63*	<63*	
	08/14/01	18	0.20**	100	<50*	<50*	<50*	
	10/12/01	<1.0^	0.76**	66	<50*	<50*	<50*	
	02/04/02	---	---	---	---	---	---	Free product/no sample
	04/29/02	---	---	---	---	---	---	Free product/no sample
	08/01/02	1.7*f*	3.2**	6.5	<5.0*	18	18	
	11/06/02	---	---	---	---	---	---	Free product/no sample
	02/06/03	0.54	1.3	1.1	<0.50	0.52	0.68	
	05/09/03	0.21	1.0**	<0.50	<0.50	<0.50	<0.50	
	08/05/03	0.11	2.0	<0.50	<0.50	<0.50	<0.50	
	10/22/03	1.0	5.6	<1.0*	<1.0*	<1.0*	<1.0*	
	01/21/04	0.35	2.4	<0.50	<0.50	<0.50	<0.50	
	04/19/04	0.11	12	<0.50	<0.50	<0.50	<0.50	
	07/19/04	0.15	2.1**	<0.50	<0.50	<0.50	<0.50	
	11/12/04	1.1	12	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/17/05	2.9	18	<5.0*	<5.0*	<5.0*	<5.0*	
	04/18/05	0.35	1.7	<0.50	<0.50	<0.50	<0.50	
	07/20/05	0.056	0.79	<0.50	<0.50	<0.50	<0.50	
	10/17/05	<0.05*o*	3.3	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	02/17/06	0.29	17	<0.50	<0.50	<0.50	<0.50	
	04/17/06	<0.05	1.1	<0.50	<0.50	<0.50	<0.50	
	07/17/06	<0.05	0.11	<0.50	<0.50	<0.50	<0.50	
	10/23/06	0.10	1.3	<0.50	<0.50	<0.50	0.74	
	01/15/07	0.18	0.65	<0.50	<0.50	0.51	0.74	
	04/16/07	0.056	1.3	<0.50	0.70	<0.50	<0.50	
	07/17/07	<0.10*o*	2.4	<0.50	<0.50	<0.50	<0.50	
	10/16/07	<0.20*o*	8.4	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/15/08	<0.20*o*	9.7	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	04/14/08	<0.10*o*	3.2	<0.50	<0.50	<0.50	<0.50	
	07/15/08	<0.20*o*	2.3	<1.0*o*	<1.0*o*	<1.0*o*	<2.0*o*	
	10/13/08	<0.20*o*	6.2	<1.0*o*	<1.0*o*	<1.0*o*	<2.0*o*	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-5 Upper Interval	01/15/09	0.26	4.3	<1.0*O*	<1.0*O*	<1.0*O*	<1.0*O*	
	04/13/09	0.28	6.8	<1.0*O*	<1.0*O*	<1.0*O*	<2.0*O*	
	07/13/09	<0.20	11	<1.0	<1.0	<1.0	<1.0	
	10/12/09	0.43	18	<1.0	<1.0	<1.0	<1.0	
	01/12/10	<0.40	9.1*o*	<2.0*o*	<2.0*o*	<2.0*o*	<2.0*o*	
	04/12/10	0.054	0.63*x*	<0.50	<0.50	<0.50	<0.50	
	07/13/10	<0.20*o*	4.9*x*	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	10/11/10	0.41	4.7	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/11/11	<0.10*o*	0.84	<0.50	<0.50	<0.50	<1.0	
	04/11/11	<0.05	0.24	<0.50	<0.50	<0.50	<0.50	
MW-6 Lower Interval	02/17/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/22/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/21/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/13/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/02/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	10/22/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/20/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-1) Duplicate of MW-6
	11/12/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	<0.50	<10	<0.50	<0.50	<0.50	<0.50	(Dup-1) Duplicate of MW-6
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-3) Duplicate of MW-6
	04/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	<0.05	<0.05	<0.50	<0.50	<0.50	1.5	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	<0.05	<0.05	<0.50	1.5	<0.50	1.2	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	01/15/09	0.058	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-6 Lower Interval	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	<0.05	0.18*cL*	<0.50	<0.50	<0.50	<0.50	
	01/10/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
MW-7 Lower Interval	02/17/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/22/00	<0.05	0.44	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	<0.05	<0.50	0.59	<0.50	<0.50	
	02/21/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/15/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/13/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/02/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/22/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/20/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	<0.10*n*	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	0.73	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/15/09	0.064	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	0.053	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO) (mg/l)	TPH-E (DRO) (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	Comments
MW-7 Lower Interval	10/11/10	---	---	---	---	---	---	
	01/11/11	0.13	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-8 Lower Interval	02/17/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/22/00	<0.05	0.071	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	0.17	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	6.2*c*	<0.50	<0.50	<0.50	<0.50	
	02/21/01	<0.05	0.47*c*	<0.50	<0.50	<0.50	<0.50	
	05/14/01	<0.10*2o*	<0.10*	<0.50	1.2	<0.50	<0.50	
	08/16/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	05/01/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/05/03	<0.05	0.11**c***	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-02) Duplicate of MW-8
	10/22/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/21/04	<0.05	0.12*c*	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.10	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05*w*	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	0.071***c*	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	0.073*c*	<0.50	<0.50	<0.50	0.57	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.10^	<0.50	<0.50	<0.50	0.64	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/13/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/11/10	<0.05	0.081*xLc*	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.10*x*^	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	0.074*c*	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-9 Upper Interval	02/18/00	0.21	20*w*	54	1.5	1.3	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-9 Upper Interval	05/23/00	0.084	74	<0.50	<0.50	<0.50	<0.50	
	08/15/00	<0.05	2.3	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.10	0.41	<1.0	<1.0	<1.0	<1.0	
	02/22/01	---	---	---	---	---	---	
	05/15/01	<0.05	2.5	<0.50	<0.50	<0.50	<0.50	
	08/15/01	<0.05	0.51	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	0.14	<0.50	<0.50	<0.50	<0.50	
	02/05/02	2.3*f*	0.27**	1,500	12	52	31	
	04/30/02	0.59	0.28	160	<1.0*	<1.0*	<1.0*	
	07/30/02	0.07*m*	0.14	<0.50	<0.50	<0.50	<0.50	
	11/04/02	<0.05	0.18	<0.50	<0.50	<0.50	<0.50	
	02/04/03	0.50	0.31**	19	0.60	<0.50	1.2	
	05/06/03	<0.05	0.27	0.63	<0.50	<0.50	<0.50	
	08/05/03	<0.05	0.37	<0.50	<0.50	<0.50	<0.50	
	10/21/03	0.08	5.6	<0.50	<0.50	<0.50	<0.50	
	01/20/04	0.095	8.4	<0.50	0.67	<0.50	<0.50	
	04/19/04	<0.05	1.0	<0.50	<0.50	<0.50	<0.50	
	07/19/04	<0.05	0.84	<0.50	<0.50	<0.50	<0.50	
	11/12/04	0.55	73	<0.50	<0.50	<0.50	<0.50	
	01/17/05	0.21	19	<0.50	<0.50	<0.50	<0.50	
	04/18/05	0.055	1.3	<0.50	<0.50	<0.50	<0.50	
	07/19/05	0.69	3.2	200	3.0	<1.0	11	
	10/17/05	3.9	32	1,400	20	<5.0*	30	
	10/17/05	4.6	13	1,100	17	<5.0*	24	(Dup-1) Duplicate of MW-9
	02/17/06	<0.05	0.54	<0.50	<0.50	<0.50	<0.50	
	02/17/06	<0.05	0.63	<0.50	<0.50	<0.50	<0.50	(Dup-2) Duplicate of MW-9
	04/17/06	<0.05	0.66	<0.50	<0.50	<0.50	<0.50	
	04/17/06	<0.05	0.25	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-9
	07/17/06	<0.05	0.15	<0.50	<0.50	<0.50	<0.50	
	07/17/06	<0.05	0.13	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-9
	10/23/06	<0.05	0.57	<0.50	<0.50	<0.50	0.64	
	10/23/06	---	---	---	---	---	---	Held - not analyzed
	01/15/07	0.052	2.6	<0.50	<0.50	<0.50	<0.50	
	01/15/07	<0.05	1.6	<0.50	<0.50	<0.50	<0.50	(DUP-2) Duplicate of MW-9
	04/16/07	<0.05	5.9	<0.50	0.74	<0.50	0.51	
	04/16/07	<0.05	3.2	<0.50	0.99	<0.50	0.72	(DUP) Duplicate of MW-9
	07/17/07	<0.05	2.7	<0.50	<0.50	<0.50	<0.50	
	07/17/07	<0.05	4.1	<0.50	<0.50	<0.50	<0.50	(DUP-2) Duplicate of MW-9
	10/16/07	0.10	4.5	<0.50	<0.50	<0.50	<0.50	
	10/16/07	0.077	3.2	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-9
	01/15/08	0.18	13*R*	0.92	<0.50	<0.50	<0.50	
	01/15/08	0.14	18	1.3	<0.50	<0.50	<0.50	(DUP-2) Duplicate of MW-9
	04/14/08	<0.05	9.7*R*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	<0.05	1.7	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-9
	07/15/08	<0.05	15	<0.50	<0.50	<0.50	<1.0	
	07/15/08	<0.05	2.8	<0.50	<0.50	<0.50	<1.0	(DUP-2) Duplicate of MW-9
	10/13/08	<0.05	6.2	<0.50	<0.50	<0.50	<1.0	
	01/15/09	<0.05	0.57	<0.50	<0.50	<0.50	<0.50	
	01/15/09	<0.05	0.62	<0.50	<0.50	<0.50	<0.50	(DUP-2) Duplicate of MW-9
	04/13/09	2.1	0.43	620	14	130	14	
	07/14/09	<0.05	0.22	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-9 Upper Interval	07/14/09	<0.05	0.31	<0.50	<0.50	<0.50	<0.50	(DUP-2) Duplicate of MW-9
	10/12/09	0.065	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/12/10	<0.05	0.44	<0.50	<0.50	<0.50	<0.50	
	04/12/10	0.45	<0.05	92	1.6	7.6	1.7	
	07/13/10	<0.05	1.1*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	<0.05	0.52	<0.50	<0.50	<0.50	<0.50	
	01/11/11	0.13	0.053	13	0.54	<0.50	1.1	
	04/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
MW-10 Upper Interval	02/18/00	0.29	1.7*w*	12	<1.0*o*	<1.0*o*	<1.0*o*	
	05/23/00	<0.25*o*	1.8	<5.0*o*	<5.0*o*	<5.0*o*	<5.0*o*	
	08/15/00	0.15	1.5	0.70	<0.50	<0.50	<0.50	
	11/14/00	0.48	2.9	<0.50	0.87	<0.50	<0.50	
	02/20/01	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	Well Dry / No Sample
	05/15/01	---	---	---	---	---	---	Well Dry / No Sample
	08/14/01	---	---	---	---	---	---	Well Dry / No Sample
	10/13/01	---	---	---	---	---	---	Well Dry / No Sample
	02/05/02	0.48*f*	3.5	1.7	<0.50	<0.50	<0.50	
	02/05/02	0.55	4.0	1.8	<0.50	<0.50	<0.50	(MW-1001) Duplicate of MW-10
	04/29/02	---	---	---	---	---	---	Well Dry / No Sample
	07/29/02	---	---	---	---	---	---	Well Dry / No Sample
	11/04/02	---	---	---	---	---	---	Well Dry / No Sample
	02/04/03	0.19	1.8***	1.3	<0.50	<0.50	<0.50	
	05/07/03	<0.20*o*	2.1	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	08/05/03	0.15	2.3	<0.50	<0.50	<0.50	<0.50	
	08/05/03	0.20	2.6	<0.50	<0.50	<0.50	<0.50	(Dup-01) Duplicate of MW-10
	10/20/03	---	---	---	---	---	---	Well Dry / No Sample
	01/21/04	<0.20*o*	3.9	1.6	<1.0*o*	<1.0*o*	<1.0*o*	
	04/19/04	---	---	---	---	---	---	
	07/19/04	0.21	1.6**	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	3.0	5.5	1.7	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.20*o*	0.94	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	10/17/05	---	---	---	---	---	---	
	02/17/06	0.12	0.42	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.50*o*	0.75	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	10/23/06	---	---	---	---	---	---	
	01/15/07	1.2	2.8	<0.50	0.72	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	0.47	1.6	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	---	---	---	---	---	---	Well Dry / No Sample
	04/14/08	---	---	---	---	---	---	
	07/15/08	---	---	---	---	---	---	Well Dry / No Sample
	10/13/08	---	---	---	---	---	---	
	01/14/09	---	---	---	---	---	---	Well Dry / No Sample
	04/13/09	---	---	---	---	---	---	
	07/14/09	---	---	---	---	---	---	Well Dry / No Sample
	10/12/09	---	---	---	---	---	---	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO) (mg/l)	TPH-E (DRO) (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	Comments
MW-10 Upper Interval	01/12/10	---	---	---	---	---	---	Well Dry / No Sample
	04/12/10	---	---	---	---	---	---	
	07/13/10	0.72	2.1*x*	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	10/11/10	---	---	---	---	---	---	
	01/11/11	0.58	1.5	<0.50	0.66	<0.50	0.67	
	04/11/11	---	---	---	---	---	---	
MW-11 Lower Interval	02/18/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/23/00	<0.05	0.069	<0.50	<0.50	<0.50	<0.50	
	08/15/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	<0.05	<0.50	0.58	<0.50	<0.50	
	02/21/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/14/01	---	---	---	---	---	---	
	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/04/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/30/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	0.18**c*	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	Unable to locate well
	07/19/05	<0.05	<0.10*w*^	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	0.21*c*	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.10*x*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/11/10	<0.05	0.55	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	0.12*cL*	<0.50	<0.50	<0.50	<1.0	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-11 Lower Interval	04/11/11	---	---	---	---	---	---	
MW-12 Upper Interval	02/18/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/23/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	
	02/22/01	---	---	---	---	---	---	
	05/14/01	3.4	<0.05	1,300	39	98	39.8	
	08/15/01	<0.05	<0.05	3.1	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.05	0.86	<0.50	<0.50	<0.50	
	02/05/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/22/03	<0.05	<0.05	0.61	<0.50	<0.50	<0.50	
	01/20/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	2.1	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	0.59	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	---	
	10/16/07	---	---	---	---	---	---	
	01/15/08	<0.05	<0.10*x*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	0.46*L*	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/13/09	<0.05	0.13*L*	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	0.055*x*	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/12/10	1.1	0.17*xL*	230	2.3	5.1	4.6	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	0.12*L*	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-13 Lower Interval	02/18/00	1.6	0.33*w*	430	3.5	2.9	<2.0*	
	02/18/00	1.7	0.87	450	3.6	3.2	<2.0	(DUP-01) Duplicate of MW-13
	05/23/00	2.9	0.78	800	5.6	14	<5.0*o*	
	05/23/00	2.3	0.45	740	5.5	11	<5.0	(DUP-01) Duplicate of MW-13

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-13 Lower Interval	08/15/00	4.0	0.71	1,200	7.2	11	5.1	
	08/15/00	3.5	0.50	1,100	7.5	10	4.7	(DUP-01) Duplicate of MW-13
	11/14/00	3.0	0.57**	1,200	8.3	11	4.3	
	02/22/01	2.6	<0.10	970	7.1	7.0	<4.0	
	05/15/01	3.1	0.23**	820	6.2	8.7	2.7	
	08/15/01	2.6	0.14**	890	7.1	8.6	<6.3*	
	08/15/01	2.6	0.14	900	9.9	11	8.0	(MW-1301) Duplicate of MW-13
	10/13/01	3.9	1.7**	900	6.2	9.2	<5.0*	
	10/13/01	3.3	1.9	820	5.5	8.6	<5.0	(MW-1301) Duplicate of MW-13
	02/07/02	1.9*m*	1.0**	520	4.5	5.5	<2.5*	
	04/30/02	2.4*m*	0.24**	610	5.4	6.3	<5.0*	
	04/30/02	2.5	0.16	610	5.3	6.3	<5.0	(MW-1301) Duplicate of MW-13
	08/01/02	3.0*m*	1.1**	690	5.1	4.8	<2.5*	
	08/01/02	3.0	0.85	690	5.3	5.1	<2.5	(MW-1301) Duplicate of MW-13
	11/06/02	3.5	0.17**	1,000	7.1	6.5	<5.0*	
	02/07/03	2.0	0.53**	330	3.2	<2.5*	<2.5*	
	05/07/03	1.8	0.58**	530	3.4	<2.0*	<2.0*	
	08/05/03	1.8	0.20**	610	4.5	3.9	<2.5	
	10/21/03	3.2	1.6*	770	6.5	7.7	<5.0*	
	01/21/04	3.2	0.79**	390	9.9	180	7.5	
	04/19/04	---	---	---	---	---	---	
	07/19/04	2.3	0.11**	530	3.9	4.3	2.5	
	11/12/04	---	---	---	---	---	---	
	01/17/05	2.2	0.68*	590	4.6	3.7	2.6	
	04/18/05	---	---	---	---	---	---	
	07/19/05	0.071	0.32***cx*	3.6	<5.0	<5.0	<5.0	
	10/17/05	---	---	---	---	---	---	
	02/17/06	1.2	0.27	170	2.4	1.6	1.2	
	04/17/06	---	---	---	---	---	---	
	07/17/06	0.72	0.23	230	1.8	2.4	<1.0*	
	10/23/06	---	---	---	---	---	---	
	01/15/07	3.4	0.29*k*	670	7.5	5.9	<2.5*	
	04/16/07	---	---	---	---	---	---	
	07/17/07	2.4	0.20*k*	480	5.9	4.3	<2.5*	
	10/16/07	---	---	---	---	---	---	
	01/15/08	2.1	0.37*k*	430	5.0	<2.5*	<2.5*	
	04/14/08	---	---	---	---	---	---	
	07/15/08	1.4	0.25*k*	310	4.7	<2.5*v*	<5.0*v*	
	10/13/08	---	---	---	---	---	---	
	01/15/09	3.4	0.66	830	9.1	<5.0*V*	<5.0*V*	
	04/13/09	---	---	---	---	---	---	
	07/14/09	2.2	0.36	390	4.7	<2.5	<2.5	
	10/12/09	---	---	---	---	---	---	
	01/12/10	2.6	0.47	460	5.3	<2.5*v*	<2.5*v*	
	04/12/10	---	---	---	---	---	---	
	07/13/10	1.5	0.18*xk*	280	3.3	<2.0*	<2.0*	
	10/11/10	---	---	---	---	---	---	
	01/11/11	0.57	0.27	46	0.93	<0.50	0.78	
	04/11/11	---	---	---	---	---	---	
MW-14 Upper Interval	02/18/00	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	05/23/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-14 Upper Interval	08/15/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/20/01	<0.05	<0.25	<0.50	<0.50	<0.50	<0.50	
	05/14/01	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/04/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/04/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/18/05	<0.05	0.072	<0.50	<0.50	<0.50	<0.50	(Dup-1) Duplicate of MW-14
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/14/09	---	---	---	---	---	---	Well Dry / No Sample
	04/13/09	---	---	---	---	---	---	Well Dry / No Sample
	07/14/09	---	---	---	---	---	---	Well Dry / No Sample
	10/12/09	---	---	---	---	---	---	Well Dry / No Sample
	01/12/10	---	---	---	---	---	---	Well Dry / No Sample
	04/12/10	---	---	---	---	---	---	Well Dry / No Sample
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-15 Upper Interval	02/17/00	---	---	---	---	---	---	Well Dry / No Sample
	05/22/00	---	---	---	---	---	---	Well Dry / No Sample
	08/14/00	---	---	---	---	---	---	Well Dry / No Sample
	11/13/00	---	---	---	---	---	---	Well Dry / No Sample
	02/20/01	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	Well Dry / No Sample

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-15 Upper Interval	05/14/01	---	---	---	---	---	---	Well Dry / No Sample
	08/14/01	---	---	---	---	---	---	Well Dry / No Sample
	10/12/01	---	---	---	---	---	---	Well Dry / No Sample
	02/05/02	<0.20*o*	41	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	04/29/02	---	---	---	---	---	---	Well Dry / No Sample
	07/15/02	---	---	---	---	---	---	Well abandoned
MW-15R Upper Interval	07/18/02	1.1	3.1**	2.0	<0.50	<0.50	<0.50	Replacement for MW-15
	08/01/02	1.6*m*	1.2**	1.3	<1.0*o*	<1.0*o*	<1.0*o*	
	11/05/02	0.67	0.45**	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	02/04/03	1.9	2.2**	<0.50	<0.50	1.6	<0.50	
	05/06/03	0.93	1.9**	<0.50	<0.50	1.2	<0.50	
	08/05/03	0.68	2.4**	<0.50	<0.50	1.1	<0.50	
	10/22/03	0.37	0.97**	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	10/22/03	0.41	1.1	<1.0	<1.0	<1.0	<1.0	(MW-15R15R) Duplicate of MW-15R
	01/20/04	0.33	3.6	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/20/04	0.34	3.7	<1.0	<1.0	<1.0	<1.0	(MW-15R15R) Duplicate of MW-15R
	04/19/04	1.3	2.6	<0.50	1.3	0.87	0.81	
	07/19/04	0.90	5.0**	<0.50	<0.50	0.79	0.87	
	11/12/04	1.0	1.1	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/17/05	0.96	3.1*	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	04/18/05	1.3	2.7**	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	04/18/05	1.6	2.7**	<1.0*o*	1.0	<1.0*o*	<1.0*o*	(Dup-1) Duplicate of MW-15R
	07/18/05	1.7	18	<1.0*	<1.0*	<1.0*	<1.0*	
	10/17/05	<0.50*o*	4.7	<2.5*o*	<2.5*o*	<2.5*o*	<2.5*o*	
	02/17/06	0.75	5.1	<0.50	<0.50	0.74	<0.50	
	04/17/06	0.93	31	<0.50	<0.50	0.83	<0.50	
	07/17/06	0.76	2.7	<0.50	<0.50	0.64	<0.50	
	10/23/06	0.96	5.6	<2.0*o*	<2.0*o*	<2.0*o*	<2.0*o*	
	01/15/07	1.4	5.8	<0.50	<0.50	<0.50	<0.50	
	04/16/07	0.56	4.5	<0.50	1.4	<0.50	0.86	
	07/16/07	0.30	4.5	<1.0*	<1.0*	<1.0*	<1.0*	
	10/15/07	0.21	1.0	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/15/08	0.40	2.9	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	04/14/08	0.36	6.1	<0.50	<0.50	<0.50	<0.50	
	07/14/08	0.53	1.9	<0.50	<0.50	<0.50	<1.0	
	10/13/08	0.56	9.1	<1.0*o*	<1.0*o*	<1.0*o*	<2.0*o*	
	01/14/09	---	---	---	---	---	---	NAPH / Not Sampled
	04/13/09	1.2	17	<0.50	<0.50	<0.50	<1.0	
	07/14/09	---	---	---	---	---	---	NAPH / Not Sampled
	10/12/09	---	---	---	---	---	---	NAPH / Not Sampled
	01/12/10	---	---	---	---	---	---	NAPH / Not Sampled
	04/12/10	---	---	---	---	---	---	NAPH / Not Sampled
	07/13/10	---	---	---	---	---	---	NAPH / Not Sampled
	10/11/10	---	---	---	---	---	---	NAPH / Not Sampled
	01/11/11	---	---	---	---	---	---	NAPH / Not Sampled
	04/11/11	---	---	---	---	---	---	NAPH / Not Sampled
MW-16 Lower Interval	02/17/00	<0.05	0.13*w*	<0.50	<0.50	<0.50	<0.50	
	05/22/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/00	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/13/00	<0.05	<0.05	<0.50	0.50	<0.50	<0.50	
	02/21/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-16 Lower Interval	05/15/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/16/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/13/01	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/05/03	<0.05	<0.10*t*	<0.50	<0.50	<0.50	<0.50	
	10/22/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/20/04	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.10^	0.60	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	---	---	---	---	---	---	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	---	---	---	---	---	---	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/15/08	---	---	---	---	---	---	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	0.29*L*	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/14/09	---	---	---	---	---	---	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	0.19	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/12/10	<0.05	0.071*xL*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-17 Upper Interval	02/18/00	<0.10*o*	0.46*w*	1.5	<0.50	<0.50	<0.50	
	02/18/00	<0.20	0.23	1.4	<1.0	<1.0	<1.0	(DUP-02) Duplicate of MW-17
	05/23/00	<0.20*o*	1.7	<5.0*o*	<5.0*o*	<5.0*o*	<5.0*o*	
	05/23/00	<0.20	1.8	<5.0	<5.0	<5.0	<5.0	(DUP-02) Duplicate of MW-17
	08/15/00	<0.20*o*	0.68	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	08/15/00	<0.20	0.61	<1.0	<1.0	<1.0	<1.0	(DUP-02) Duplicate of MW-17
	11/13/00	---	---	---	---	---	---	Well Dry / No Sample
	02/20/01	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	Well Dry / No Sample
	05/14/01	---	---	---	---	---	---	Well Dry / No Sample

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-17 Upper Interval	08/14/01	---	---	---	---	---	---	Well Dry / No Sample
	10/12/01	---	---	---	---	---	---	Well Dry / No Sample
	02/04/02	0.74*f*	0.38**	0.76	<0.50	3.3	0.55	
	04/29/02	---	---	---	---	---	---	Well Dry / No Sample
	07/18/02	---	---	---	---	---	---	MW-17 Abandoned
MW-17R Upper Interval	07/18/02	4.8	0.098**	<2.5*	<2.5*	53	<2.5*	Development sample
	08/01/02	---	---	---	---	---	---	
	08/01/02	6.3	0.078	<1.5	<1.5	43	2.0	(MW-17R01) Duplicate of MW-17R
	08/21/02	7.1*m*	0.10**	1.5	<1.5*	49	2.2	
	11/06/02	6.5	<0.10^	<1.5*	<1.5*	32	1.6	
	02/04/03	4.7	0.08**	1.2	1.1	42	1.7	
	05/08/03	2.3	<0.05	0.85	0.74	9.1	13	
	05/08/03	2.7	<0.05	0.91	0.77	11	0.93	(MW-177) Duplicate of MW-17R
	08/07/03	4.1	0.11**	1.0	1.1	15	1.3	
	08/07/03	4.0	0.16	1.0	1.1	15	1.3	(Dup-03) Duplicate of MW-17R
	10/21/03	2.2	0.064**	0.93	0.51	3.7	<0.50	
	01/19/04	4.0	0.12**	1.1	<1.0	16	<1.0	
	04/19/04	3.0	0.16**	<1.0*	<1.0*	13	<1.0*	
	07/19/04	3.6	<0.05	1.6	1.4	16	2.4	
	11/12/04	4.9	0.076	<1.0*	<1.0*	20	1.2*	
	01/17/05	4.5	<0.10^	<1.5^	<1.5^	<1.5^	<1.5^	
	04/18/05	5.1	0.077**	<2.0*	<2.0*	18	<2.0*	
	07/19/05	3.7	0.12**	<1.5	<1.5*	18	<1.5*	
	10/17/05	3.8	0.097**	<1.0*	1.4	16	<1.0*	
	02/17/06	2.5	0.27	1.5	<1.0*	12	<1.0*	
	04/17/06	2.6	0.28*k*	1.7	<1.0*	7.9	<1.0*	
	07/18/06	<0.05	0.26	<0.50	<0.50	<0.50	<0.50	
	10/23/06	2.6	0.10*k*	8.6	1.5	9.2	<1.0*	
	01/15/07	2.7	0.093	16	2.1	8.6	0.77	
	04/16/07	2.7	0.11*k*	24	1.5	7.3	<1.0*	
	07/17/07	2.3	0.13*k*	14	0.90	6.3	0.54	
	10/16/07	3.1	0.12*k*	9.3	1.3	<1.0*	<1.0*	
	01/15/08	2.6	0.18*k*	5.1	0.55	2.5	<0.50	
	04/14/08	2.8	0.17*k*	4.2	0.78	4.3	0.57	
	07/15/08	3.7	0.19*k*	3.9	1.2	4.9	<2.0*v*	
	10/13/08	2.7	0.16*k*	2.0	<0.50	4.3	<1.0	
	01/15/09	3.0	0.15*K*	1.5	<1.0*V*	1.4	<1.0*V*	
	04/13/09	3.1	0.21*K*	1.1	<0.50	2.6	0.61	
	07/14/09	3.8	0.15	1.4	<1.0	2.8	<1.0	
	10/12/09	3.2	0.13	1.8	<1.0	2.5	2.3	
	01/12/10	3.2	0.15*k*	1.2	<1.0*v*	1.7	<1.0*v*	
	04/12/10	2.5	0.083*xk*	1.0	<1.0*v*	2.3	<1.0*v*	
	07/13/10	2.6	<0.05*x*	<1.5*	<1.5*	1.9	<1.5*	
	10/11/10	4.2	0.18*k*	1.2	<1.0*	1.7	<1.0*	
	01/11/11	3.7	0.18*K*	1.2	<1.0*	1.5	<2.0*	
	04/11/11	1.6	0.15*xK*	0.66	<0.50	<0.50	<0.50	
MW-18 Upper Interval	05/23/00	60	6.2	4,000	110	1,400	5,200	
	08/15/00	85	44	4,400	<100*	920	1,400	
	11/14/00	93	18**	3,400	<40*	670	750	
	02/20/01	---	---	---	---	---	---	Free product/no sample
	02/22/01	---	---	---	---	---	---	free phase product

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-18 Upper Interval	05/14/01	---	---	---	---	---	---	Free product/no sample
	08/14/01	---	---	---	---	---	---	Free product/no sample
	10/12/01	---	---	---	---	---	---	Free product/no sample
	02/04/02	---	---	---	---	---	---	Free product/no sample
	04/29/02	---	---	---	---	---	---	Free product/no sample
	08/01/02	2.4*f*	19**	130	<10*	39	67	
	11/04/02	---	---	---	---	---	---	Free product/no sample
	02/06/03	2.3	9.6	26	<10*o*	<10*o*	<10*o*	
	05/09/03	3.0	300	12	<5.0*	<5.0*	<5.0*	
	08/05/03	1.1	70	24	<2.5*	<2.5*	5.3	
	10/22/03	3.4	120	7.4	<5.0*	<5.0*	5.8	
	01/20/04	3.3	74	29	<5.0*	<5.0*	<5.0*	
	04/19/04	0.38	6.7	<0.50	<0.50	<0.50	<0.50	
	04/19/04	0.52	9.0	0.50	<0.50	<0.50	<0.50	(DUP1) Duplicate of MW-18
	07/19/04	2.7	99**	4.9	<1.0*	<1.0*	1.7*	
	11/12/04	2.2	32	1.6	<1.0*	<1.0*	1.6*	
	01/17/05	2.2	12	12	<2.5^	<2.5^	2.7	
	04/18/05	1.1	4.0	<0.50	<0.50	<0.50	<0.50	
	07/18/05	1.1	16	3.6	<1.0*	<1.0*	<1.0*	
	10/17/05	2.8	51	<1.0*	<1.0*	<1.0*	<1.0*	
	02/17/06	0.16	3.3	<0.50	<0.50	<0.50	<0.50	
	04/17/06	<0.05	2.2	<0.50	<0.50	<0.50	<0.50	
	07/18/06	<0.05	1.8	<0.50	<0.50	<0.50	<0.50	
	10/23/06	0.15	0.66	<0.50	<0.50	<0.50	<0.50	
	01/15/07	1.1	87	<0.50	<0.50	<0.50	<0.50	
	04/16/07	1.2	11	1.8	<0.50	<0.50	<0.50	
	07/17/07	0.95	16	<0.50	<0.50	<0.50	<0.50	
	10/16/07	0.50	11	<1.0*o*	<1.0*o*	<1.0*o*	<1.0*o*	
	01/15/08	---	---	---	---	---	---	Well Dry / No Sample
	04/14/08	0.94	62	<0.50	<0.50	<0.50	<0.50	
	07/15/08	---	---	---	---	---	---	Well Dry / No Sample
	10/13/08	---	---	---	---	---	---	Well Dry / No Sample
	01/14/09	---	---	---	---	---	---	Well Dry / No Sample
	04/13/09	2.7	130	<0.50	<0.50	<0.50	<1.0	
	07/14/09	---	---	---	---	---	---	
	10/12/09	1.5	9.6	<0.50	<0.50	<0.50	<0.50	
	01/12/10	---	---	---	---	---	---	
	04/12/10	0.48	100*x*	<0.50	<0.50	<0.50	<0.50	
	07/13/10	0.90	22*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	1.9	57	<0.50	<0.50	<0.50	<0.50	
	01/11/11	<0.20*o*	2.9	<1.0*o*	<1.0*o*	<1.0*o*	<2.0*o*	
	04/11/11	<0.20*	1.1*xL*	<1.0*	<1.0*	<1.0*	<1.0*	
MW-19 Upper Interval	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/13/01	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/04/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/03/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-19 Upper Interval	10/21/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/20/04	0.059	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	0.74	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	11/12/04	---	---	---	---	---	---	
	01/17/05	0.064	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/18/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	0.13*c*	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	0.84	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	04/16/07	---	---	---	---	---	---	
	07/17/07	0.22	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	0.11	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/15/08	0.17	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	0.055	<0.05	<0.50	<0.50	<0.50	<1.0	
	01/14/09	0.065	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-20 Lower Interval	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	05/01/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	0.55	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	0.67	<0.50	<0.50	(MW-2001) Duplicate of MW-20
	02/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^*w*	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	0.11*c*	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO) (mg/l)	TPH-E (DRO) (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	Comments
MW-20 Lower Interval	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	10/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/15/08	<0.05	<0.10*x*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	01/14/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/14/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/11/10	<0.05	0.09	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-21 Upper Interval	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/04/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/03/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	0.26	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	0.26	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/15/07	0.21	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/15/08	0.24	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-21 Upper Interval	01/13/09	0.051	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/14/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-22 Lower Interval	02/07/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/14/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/02	---	---	---	---	---	---	
	02/07/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW2201) Duplicate of MW-22
	05/01/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW-222) Duplicate of MW-22
	08/06/03	<0.05	0.18	<0.50	<0.50	<0.50	<0.50	
	10/21/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/21/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW 222) Duplicate of MW-22
	01/21/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/21/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW-2222) Duplicate of MW-22
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	0.33	<0.50	<0.50	<0.50	<0.50	
	07/19/04	<0.05	0.56	<0.50	<0.50	<0.50	<0.50	(Dup-3) Duplicate of MW-22
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-2) Duplicate of MW-22
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	<0.05	0.29*cw*	<0.50	<0.50	<0.50	<1.0	
	01/14/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-22 Lower Interval	01/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-23 Upper Interval	08/14/01	0.35	0.11	<0.50	<0.50	<0.50	<0.50	
	10/12/01	<0.10^	<0.10^	<0.50	<0.50	<0.50	<0.50	
	02/04/02	<0.10^	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.10*f*	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/29/02	<0.10^	<0.05^	<0.50	<0.50	<0.50	<0.50	
	11/04/02	0.17	0.10	<0.50	<0.50	<0.50	<0.50	
	02/04/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/06/03	<0.05	0.22	<0.50	<0.50	<0.50	<0.50	
	10/21/03	<0.05	0.099	<0.50	<0.50	<0.50	<0.50	
	01/21/04	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	0.11	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	0.053	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	<0.05	0.064	<0.50	<0.50	<0.50	<0.50	
	01/15/08	0.054	0.20	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	0.31	<0.50	<0.50	<0.50	<1.0	
	10/13/08	<0.05	0.23	<0.50	<0.50	<0.50	<1.0	
	01/14/09	0.051	0.22	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	<0.05	0.20	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	<0.05	0.26*cL*	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-24 Lower Interval	02/06/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	05/01/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW-2401) Duplicate of MW-24

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-24 Lower Interval	02/06/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	1.3****c	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05w	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.10w^	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.05w	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/14/09	<0.05	<0.05W	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	0.071xL	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.10x^	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-25 Upper Interval	02/06/02	<0.102*	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.10f	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/29/02	<0.10f	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/04/02	0.31	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/03/03	0.29	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	05/07/03	<0.10o	<0.10^	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO) (mg/l)	TPH-E (DRO) (mg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	Comments
MW-25 Upper Interval	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.10*x*	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/22/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/14/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-26 Lower Interval	02/05/02	<0.05*f*	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/01/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/31/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/06/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/20/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW-2626) Duplicate of MW-26
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-2) Duplicate of MW-26
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-1) Duplicate of MW-26
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	0.23***cx	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(Dup-3) Duplicate of MW-26
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-26 Lower Interval	07/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/13/09	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-27 Upper Interval	02/05/02	<2.0*o**	<0.05	<10*	<10*	<10*	<10*	
	04/30/02	<2.0*f*	<0.05	<10*	<10*	<10*	<10*	
	07/30/02	<3.0*f*	<0.05	<15*	<15*	<15*	<15*	
	11/05/02	11	<0.05	<25*	<25*	<25*	<25*	
	02/04/03	4.6	<0.05	<10*	<10*	<10*	<10*	
	05/08/03	2.8	<0.05	<10*	<10*	<10*	<10*	
	08/07/03	2.5	<0.05	<5.0*	<5.0*	<5.0*	<5.0*	
	10/20/03	2.2	<0.05	<5.0*	<5.0*	<5.0*	<5.0*	
	01/19/04	1.8	<0.05	<5.0*	<5.0*	<5.0*	<5.0*	
	04/19/04	---	---	---	---	---	---	
	07/19/04	1.8	<0.05	<5.0*	<5.0*	<5.0*	<5.0*	
	11/12/04	---	---	---	---	---	---	
	01/17/05	0.61	<0.05*w*	<1.5*	<1.5*	<1.5*	<1.5*	
	04/18/05	---	---	---	---	---	---	
	07/19/05	0.24	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	0.37	<0.05	<1.0*	<1.0*	<1.0*	<1.0*	
	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.05	0.063	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.30*	<0.05	<1.5*	<1.5*	<1.5*	<1.5*	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/22/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/15/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/14/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/10/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	04/11/11	---	---	---	---	---	---	
MW-28 Lower Interval	02/04/02	<0.05	0.12	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-28 Lower Interval	05/01/02	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	
	07/30/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/05/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/21/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	0.32****c	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	0.33***cx	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/17/06	<0.05	0.067*L*	<0.50	<0.50	<0.50	<0.50	
	07/17/06	<0.05	0.06*L*	<0.50	<0.50	<0.50	<0.50	(DUP-3) Duplicate of MW-28
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(DUP-3) Duplicate of MW-28
	04/16/07	---	---	---	---	---	---	
	07/16/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/16/07	<0.05	<0.10^	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-28
	10/16/07	---	---	---	---	---	---	
	01/15/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	
	01/15/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<0.50	(DUP-3) Duplicate of MW-28
	04/14/08	---	---	---	---	---	---	
	07/14/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<1.0	
	07/14/08	<0.05	<0.05*w*	<0.50	<0.50	<0.50	<1.0	(DUP-1) Duplicate of MW-28
	10/13/08	---	---	---	---	---	---	
	01/13/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	
	01/13/09	<0.05	<0.05*W*	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-28
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	07/13/09	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	(DUP-1) Duplicate of MW-28
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05*x*	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
MW-29 Upper Interval	02/05/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	07/29/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/04/02	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/03/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	02/03/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	(MW-2901) Duplicate of MW-29
	05/08/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	
MW-29 Upper Interval	08/07/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/21/03	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	01/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/19/04	---	---	---	---	---	---	
	07/19/04	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	11/12/04	---	---	---	---	---	---	
	01/17/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/18/05	---	---	---	---	---	---	
	07/19/05	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/17/05	---	---	---	---	---	---	
	02/17/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/17/06	---	---	---	---	---	---	
	07/18/06	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/23/06	---	---	---	---	---	---	
	01/15/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/16/07	---	---	---	---	---	---	
	07/17/07	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/16/07	---	---	---	---	---	---	
	01/14/08	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/14/08	---	---	---	---	---	---	
	07/15/08	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	
	10/13/08	---	---	---	---	---	---	
	01/14/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	04/13/09	---	---	---	---	---	---	
	07/13/09	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/12/09	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	
	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	
	10/11/10	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	
Equip. Blank	07/13/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as EQ-1
	10/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as EQ-1
	01/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	Labeled as EQ-1
	04/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as EQ-1
Trip Blank	07/12/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as TB-1
	10/11/10	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as TB-1
	01/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<1.0	Labeled as TB
	04/11/11	<0.05	<0.05	<0.50	<0.50	<0.50	<0.50	Labeled as TB

Table 2

Groundwater Sample Analytical Results - TPH and BTEX
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	TPH-P (GRO)	TPH-E (DRO)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Comments
		(mg/l)	*(mg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	

Notes:
--- = Sampling not required in accordance with MRP No. R5-2003-0842 or not analyzed.
(mg/l) = milligrams per liter
(µg/l) = micrograms per liter
TPH-P (GRO) = Total petroleum hydrocarbons-purgeable (gasoline range organics)
TPH-E (DRO) = Total petroleum hydrocarbons-extractable (diesel range organics)
* Detection Limits were raised due to high concentrations of target analytes.
** Reported diesel concentration may include some undifferentiated lighter-end hydrocarbons.
*** Reported diesel concentration may include some undifferentiated heavier-end hydrocarbons.
**** Reported diesel concentration may include some undifferentiated lighter-end and undifferentiated heavier-end hydrocarbons.
k = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.
o = The reporting limit was increased due to sample foaming.
w = A silica gel wash was performed on the solvent extract before analysis.
c = Reported concentration includes additional compound uncharacteristic of common fuels and lubricants.
d = Detection limits were raised due to high concentrations of non-target analytes.
^ = Reporting limits were increased due to matrix interference.
f = The contribution of the fuel oxygenates, including MTBE, to the TPH-P concentration has been subtracted out.
m = The contribution of MTBE to the TPH-P concentration has been subtracted out.
n = Reporting limits were increased due to high concentrations of non-target analytes.
t = Reporting limits were increased due to sample limit interferences.
x = A silica gel wash was performed on the solvent extract due to background biogenic material.
L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.
R = Relative percent difference non-compliance.

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-1 Lower Interval	02/18/00	7.0	---	---	---	---	---	---	---	
	05/23/00	7.9	---	---	---	---	---	---	---	
	08/14/00	13	---	---	---	---	---	---	---	
	11/13/00	20	<1.0	<1.0	<1.0	<10	---	---	---	
	02/22/01	14	<1.0	<1.0	<1.0	<10	---	---	---	
	05/15/01	17	<1.0	<1.0	<1.0	<10	---	---	---	
	08/15/01	10	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/13/01	6.4	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/04/02	15	---	---	---	---	---	---	---	Duplicate
	02/06/02	6.7	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	05/02/02	6.8	---	---	<1.0	---	---	---	---	
	07/31/02	5.1	---	---	<1.0	---	---	---	---	
	11/06/02	4.1	---	---	<1.0	---	---	---	---	
	02/07/03	4.6	---	---	<1.0	---	---	---	---	
	05/09/03	5.5	---	---	<1.0	---	---	---	---	
	08/06/03	3.2	---	---	<1.0	---	---	---	---	
	10/23/03	3.9	---	---	<1.0	---	---	---	---	
	01/21/04	2.2	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	7.5	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	10	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	7.8	<1.0	<1.0	<1.0	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	15	<1.0	<1.0	<1.0	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	31	<1.0	<1.0	<1.0	---	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	140	<1.0	<1.0	1.7	---	---	---	0.20	
	04/16/07	---	---	---	---	---	---	---	0.20	
	07/16/07	110	<1.0	<1.0	---	<10	---	---	0.40	
	10/16/07	---	---	---	---	---	---	---	0.24	
	01/14/08	<0.50	<1.0	<1.0	<1.0	---	---	---	2.40	
	04/14/08	---	---	---	---	---	---	---	0.99	
	07/15/08	17	<1.0	<1.0	<1.0	---	---	---	4.72	
	10/13/08	---	---	---	---	---	---	---	---	
	01/15/09	19	---	---	---	---	---	---	0.52	
	04/13/09	---	---	---	---	---	---	---	0.49	
	07/14/09	28	---	---	---	---	---	---	1.60	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	21	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	72	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-1 Lower Interval	04/11/11	---	---	---	---	---	---	---	---	
MW-2 Upper Interval	02/18/00	57	---	---	---	---	---	---	---	
	05/23/00	47	---	---	---	---	---	---	---	
	08/15/00	52	---	---	---	---	---	---	---	
	11/14/00	65	<10*	<10*	<10*	<200*	---	---	---	
	02/20/01	58	---	---	---	---	---	---	---	(Field Dup) Duplicate of MW-2
	02/22/01	55	<10*	<10*	<10*	<200*	---	---	---	
	05/15/01	71	<13*	<13*	<13*	<250*	---	---	---	
	05/15/01	65	---	---	---	---	---	---	---	(Field Dup) Duplicate of MW-2
	08/15/01	74	<25*	<25*	<25*	<250*	---	---	---	
	08/15/01	79	---	---	---	---	---	---	---	(MW-201) Duplicate of MW-2
	10/13/01	60	<20*	<20*	<20*	<200*	---	---	---	
	02/05/02	83	<10*	<10*	<10*	<100*	<100	<100	---	
	02/05/02	---	<10	<10	<10	<100	<100	<100	---	(MW-201) Duplicate of MW-2
	04/30/02	62	---	---	<10*	---	---	---	---	
	04/30/02	57	---	---	<10	---	---	---	---	(MW-201) Duplicate of MW-2
	07/30/02	64	---	---	<10*	---	---	---	---	
	11/05/02	59	---	---	<10*	---	---	---	---	
	02/04/03	52	---	---	<10*	---	---	---	---	
	05/09/03	51	---	---	<10*	---	---	---	---	
	08/06/03	35	---	---	<10*	---	---	---	---	
	10/21/03	33	---	---	<5.0*	---	---	---	---	
	01/21/04	49	<10*	<10*	<10*	<100*	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	43	<10*	<10*	<10*	<100*	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	43	<10*	<10*	<10*	<100*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	34	<10*	<10*	<10*	<100*	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	28	<10*	<10*	<10*	<100*	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	7.4	<2.0*	<2.0*	<2.0*	<20*	---	---	0.40	
	10/26/06	---	---	---	---	---	---	---	---	
	01/15/07	5.5	<3.0*	<3.0*	<3.0*	<30*	---	---	0.10	
	04/16/07	---	---	---	---	---	---	---	0.40	
	07/17/07	11	<5.0*	<5.0*	<5.0*	<50*	---	---	0.30	
	10/16/07	---	---	---	---	---	---	---	0.38	
	01/15/08	4.1	<3.0*	<3.0*	<3.0*	<30*	---	---	1.40	
	04/14/08	---	---	---	---	---	---	---	0.38	
	07/15/08	---	---	---	---	---	---	---	6.75	
	10/13/08	---	---	---	---	---	---	---	0.28	
	12/29/08	---	---	---	---	---	---	---	0.71	
	01/15/09	9.6	---	---	---	---	---	---	1.35	
	04/13/09	14	---	---	---	---	---	---	1.19	
	07/14/09	15	---	---	---	---	---	---	3.25	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-2 Upper Interval	10/12/09	13	---	---	---	---	---	---	0.89	
	01/12/10	9.7	---	---	<10*	<100*	---	---	---	
	04/12/10	10	---	---	<5.0*	52	---	---	---	
	07/13/10	14	---	---	<10*	<100*	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.00	
	10/11/10	6.1	---	---	<4.0*	<40*	---	---	---	
	01/11/11	12	---	---	<10*	<100*	---	---	---	
	04/11/11	6.3	---	---	<3.0*	<30*	---	---	---	
	04/11/11	9.5	---	---	<3.0*	<30*	---	---	---	(DUP-01) Duplicate of MW-2
MW-3 Lower Interval	02/18/00	81	---	---	---	---	---	---	---	
	05/23/00	190	---	---	---	---	---	---	---	
	08/15/00	65	---	---	---	---	---	---	---	
	11/13/00	120	<1.0	<1.0	1.1	<10	---	---	---	
	02/21/01	170	---	---	---	---	---	---	---	
	02/22/01	170	<1.0	<1.0	1.5	<10	---	---	---	
	05/15/01	130	<1.0	<1.0	1.0	<10	---	---	---	
	08/15/01	2,600	<5.0*	<5.0*	24	<50*	---	---	---	
	10/12/01	300	<1.0	<1.0	1.7	7.4	---	---	---	
	02/06/02	340	<1.0*	<1.0*	2.0	<10*	<100	<100	---	
	05/01/02	860	---	---	6.6	---	---	---	---	
	07/30/02	530	---	---	5.3	---	---	---	---	
	11/06/02	5,700	---	---	68	---	---	---	---	
	11/06/02	6,200	---	---	67	---	---	---	---	(MW-301) Duplicate of MW-3
	01/20/03	7,700	<20	<20	58	<200	170	<50	---	(MW-33) Duplicate of MW-3
	02/06/03	2,300	---	---	31	---	---	---	---	
	02/06/03	1,600	---	---	19	---	---	---	---	(MW-301) Duplicate of MW-3
	05/09/03	5,200	---	---	56	---	---	---	---	
	05/09/03	5,400	---	---	58	---	---	---	---	(MW-300) Duplicate of MW-3
	08/06/03	1,900	---	---	21	---	---	---	---	
	10/23/03	7,000	---	---	73	---	---	---	---	
	01/20/04	6,800	<10*	<10*	57	130	100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	9,900	<20*	<20*	78	<200*	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	Unable to access well
	01/17/05	11,000	<20*	<20*	130	<200*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	14,000	<20*	<20*	150	1,800	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	5,200	<20*	<20*	58	7,800	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	10,000	<20*	<20*	110	4,700	---	---	---	
	07/17/06	9,300	<20*	<20*	98	4,400	---	---	---	(DUP-2) Duplicate of MW-3
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	5,500	<10*	<10*	82	12,000	---	---	0.10	
	01/15/07	6,200	<10*	<10*	80	14,000	---	---	---	(DUP-1) Duplicate of MW-3
	04/16/07	---	---	---	---	---	---	---	0.10	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-3 Lower Interval	07/16/07	4,800	<20*	<20*	45	7,500	---	---	24.20	
	07/16/07	5,700	<20*	<20*	48	8,700	---	---	---	(DUP-3) Duplicate of MW-3
	10/16/07	2,900	---	---	---	6,000	---	---	20.79	
	10/16/07	3,100	---	---	---	6,200	---	---	---	(DUP-2) Duplicate of MW-3
	01/14/08	3,200	<10*	<10*	33	5,800	---	---	5.60	
	01/14/08	3,100	<10*	<10*	30	5,900	---	---	---	(DUP-1) Duplicate of MW-3
	04/14/08	---	---	---	---	---	---	---	22.80	
	07/15/08	510	<2.0*v*	<2.0*v*	4.0	1,500	---	---	4.80	
	07/15/08	440	<2.0*v*	<2.0*v*	2.8	1,300	---	---	---	(DUP-3) Duplicate of MW-3
	10/13/08	---	---	---	---	---	---	---	29.70	
	01/15/09	74	---	---	<1.0	290	---	---	29.53	
	01/15/09	66	---	---	<1.0	260	---	---	---	(DUP-3) Duplicate of MW-3
	04/13/09	49	---	---	<1.0	66	---	---	28.49	
	04/13/09	62	---	---	<1.0	<10	---	---	---	(DUP-1) Duplicate of MW-3
	07/14/09	62	---	---	<1.0	670	---	---	9.62	
	07/14/09	58	---	---	<1.0	640	---	---	---	(DUP-3) Duplicate of MW-3
	10/12/09	210	---	---	2.2	1,200	---	---	2.21	
	10/12/09	230	---	---	1.9	1,300	---	---	---	(DUP-1) Duplicate of MW-3
	01/11/10	150	---	---	1.3	830	---	---	---	
	01/11/10	150	---	---	1.3	850	---	---	---	(DUP-01) Duplicate of MW-3
	04/12/10	99	---	---	<1.0	290	---	---	---	
	04/12/10	98	---	---	<1.0	290	---	---	---	(DUP-01) Duplicate of MW-3
	07/13/10	240	---	---	1.9	790	---	---	---	
	07/13/10	250	---	---	2.0	810	---	---	---	(DUP-01) Duplicate of MW-3
	08/05/10	---	---	---	---	---	---	---	2.40	
	10/11/10	0.96	---	---	<1.0	<10	---	---	---	
	10/11/10	0.92	---	---	<1.0	<10	---	---	---	(DUP-01) Duplicate of MW-3
	01/10/11	360	---	---	2.1	91	---	---	---	
	01/10/11	320	---	---	1.8	80	---	---	---	(DUP-01) Duplicate of MW-3
	04/11/11	8.3	---	---	<1.0	<10	---	---	---	
MW-4 Lower Interval	02/18/00	17	---	---	---	---	---	---	---	
	05/23/00	130	---	---	---	---	---	---	---	
	08/14/00	93	---	---	---	---	---	---	---	
	11/13/00	170	<1.0	<1.0	2.0	<10	---	---	---	
	02/22/01	130	<1.0	<1.0	1.2	<10	---	---	---	
	05/15/01	290	<1.0	<1.0	2.4	<10	---	---	---	
	08/14/01	680	<1.0	<1.0	3.2	27	---	---	---	
	10/12/01	460	<2.0*	<2.0*	2.2	<20	---	---	---	
	02/06/02	700	<2.0*	<2.0*	3.8	<20	<100	<100	---	
	05/02/02	2,300	---	---	20	---	---	---	---	
	08/01/02	6,300	---	---	91*	---	---	---	---	
	08/01/02	---	---	---	88	---	---	---	---	(MW-401) Duplicate of MW-4
	11/06/02	6,300	---	---	83	---	---	---	---	
	02/06/03	2,700	---	---	38	---	---	---	---	
	02/06/03	---	---	---	40	---	---	---	---	(MW-401) Duplicate of MW-4
	05/09/03	1,400	---	---	14	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-4 Lower Interval	08/05/03	490	---	---	13	---	---	---	---	
	10/23/03	1,000	---	---	29	---	---	---	---	
	10/23/03	1,000	---	---	27	---	---	---	---	(MW-0404) Duplicate of MW-4
	01/21/04	1,500	<3.0*	<3.0*	15	67	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	370	<2.0*o*	<2.0*o*	11	63	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	Unable to access well
	01/17/05	5,900	<10*	<10*	41	280	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	10	<1.0	<1.0	<1.0	270	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	4.4	<1.0	<1.0	<1.0	330	---	---	---	
	02/17/06	---	<1.0	<1.0	<1.0	430	---	---	---	(Dup-1) Duplicate of MW-4
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	1.3	<1.0	<1.0	<1.0	590	---	---	---	
	01/15/07	1.6	<1.0	<1.0	2.1	160	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	0.30	
	07/16/07	<1.0*	<2.0*	<2.0*	<2.0*	1,100	---	---	1.00	
	10/16/07	---	---	---	---	---	---	---	0.39	
	01/15/08	<1.5*	<3.0*	<3.0*	<3.0*	2,600	---	---	0.50	
	04/14/08	---	---	---	---	---	---	---	0.42	
	07/15/08	---	---	---	---	---	---	---	1.00	
	10/13/08	---	---	---	---	---	---	---	0.62	
	01/14/09	<2.0*V*	---	---	---	2,600	---	---	0.47	
	04/13/09	<1.0*O*	---	---	---	1,400	---	---	0.99	
	07/13/09	1.0	---	---	---	1,100	---	---	1.61	
	10/12/09	1.4	---	---	---	1,700	---	---	1.81	
	01/12/10	<2.0	---	---	<4.0	4,200	---	---	---	
	04/12/10	<0.50	---	---	<1.0	480	---	---	---	
	07/13/10	1.3	---	---	<1.0	460	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.60	
	10/11/10	1.0	---	---	<1.0	510	---	---	---	
	01/11/11	<1.0*o*	---	---	<2.0*o*	230	---	---	---	
	04/11/11	0.81	---	---	<1.0	170	---	---	---	
MW-5 Upper Interval	02/18/00	8,900	---	---	---	---	---	---	---	
	05/23/00	720	---	---	---	---	---	---	---	
	08/15/00	18,000	---	---	---	---	---	---	---	
	11/14/00	41,000	<25*	<25*	230	3,200	---	---	---	
	02/20/01	18,000	---	---	---	---	---	---	---	
	02/22/01	---	<25*	<25*	77	1,700	---	---	---	
	05/15/01	47,000	<130*	<130*	170	8,000	---	---	---	
	08/14/01	47,000	<100*	<100*	120	8,900	---	---	---	
	10/12/01	43,000	<100*	<100*	130	7,100	---	---	---	
	02/04/02	---	---	---	---	---	---	---	---	free phase product
	04/29/02	---	---	---	---	---	---	---	---	Free product/no sample
	08/01/02	7,300	---	---	73	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-5 Upper Interval	11/06/02	---	---	---	---	---	---	---	---	Free product/no sample
	02/06/03	230	---	---	2.4	---	---	---	---	
	05/09/03	340	---	---	3.8	---	---	---	---	
	08/05/03	160	<1.0	<1.0	2.2	32	<100	<100	---	
	10/22/03	510	---	---	8.4	170	---	---	---	
	01/21/04	250	<1.0	<1.0	3.3	17	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	190	<1.0	<1.0	4.9	13	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	3,900	<10*	<10*	27	280	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/20/05	0.52	<1.0	<1.0	<1.0	<10	<100	<100	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	<1.0	<1.0	<1.0	10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.40	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	3.4	<1.0	<1.0	<1.0	<10	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	0.40	
	07/17/07	0.55	<1.0	<1.0	<1.0	28	---	---	0.10	
	10/16/07	---	---	---	---	---	---	---	0.51	
	01/15/08	<1.0*o*	<2.0*o*	<2.0*o*	<2.0*o*	51	---	---	0.40	
	04/14/08	---	---	---	---	---	---	---	0.78	
	07/15/08	<1.0*o*	<2.0*o*	<2.0*o*	<2.0*o*	<20*o*	---	---	6.42	
	10/13/08	---	---	---	---	---	---	---	0.31	
	12/29/08	---	---	---	---	---	---	---	0.43	
	01/15/09	<1.0*O*	---	---	---	27	---	---	0.13	
	04/13/09	<1.0*O*	---	---	---	70	---	---	0.78	
	07/13/09	<1.0	---	---	---	<20	---	---	2.25	
	10/12/09	<1.0	---	---	---	29	---	---	0.69	
	01/12/10	<2.0*o*	---	---	<4.0*o*	<40*o*	---	---	---	
	04/12/10	<0.50	---	---	<1.0	13	---	---	---	
	07/13/10	1.2	---	---	<2.0*o*	130	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.10	
	10/11/10	<1.0*o*	---	---	<2.0*o*	<20*o*	---	---	---	
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	<0.50	---	---	<1.0	<10	---	---	---	
MW-6 Lower Interval	02/17/00	<0.50	---	---	---	---	---	---	---	
	05/22/00	<0.50	---	---	---	---	---	---	---	
	08/14/00	<0.50	---	---	---	---	---	---	---	
	11/13/00	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	02/21/01	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	08/14/01	<0.50	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/13/01	<0.50	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	<0.50	<1.0	<1.0	<1.0	<5.0	<100	<100	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-6 Lower Interval	05/02/02	<0.50	---	---	<1.0	---	---	---	---	
	07/31/02	<0.50	---	---	<1.0	---	---	---	---	
	11/06/02	<0.50	---	---	<1.0	---	---	---	---	
	02/06/03	3.3	---	---	<1.0	---	---	---	---	
	05/06/03	1.4	---	---	<1.0	---	---	---	---	
	08/06/03	0.53	---	---	<1.0	---	---	---	---	
	10/22/03	0.80	---	---	<1.0	---	---	---	---	
	01/20/04	2.9	<1.0	<1.0	<1.0	6.5	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	5.5	<1.0	<1.0	<1.0	<10	<100	<100	---	
	07/19/04	---	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-1) Duplicate of MW-6
	11/12/04	---	---	---	---	---	---	---	---	
	11/12/04	11	<1.0	<1.0	<1.0	<10	---	---	---	(Dup-1) Duplicate of MW-6
	01/17/05	24	<1.0	<1.0	<1.0	<10	<100	<100	---	
	01/17/05	20	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-3) Duplicate of MW-6
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	14	<1.0	<1.0	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	20	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	1.4	<1.0	<1.0	<1.0	570	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	1.00	
	07/16/07	35	<1.0	<1.0	<1.0	<10	---	---	3.60	
	10/16/07	38	<1.0	<1.0	<1.0	<10	---	---	3.10	
	01/14/08	46	<1.0	<1.0	<1.0	<10	---	---	1.40	
	04/14/08	---	---	---	---	---	---	---	1.66	
	07/15/08	50	<1.0	<1.0	<1.0	<10	---	---	3.23	
	10/13/08	45	<1.0	<1.0	<1.0	<10	---	---	0.30	
	01/15/09	79	---	---	---	---	---	---	1.43	
	04/13/09	57	---	---	---	---	---	---	1.27	
	07/13/09	75	---	---	---	---	---	---	0.80	
	10/12/09	38	---	---	---	---	---	---	2.01	
	01/11/10	38	---	---	<1.0	50	---	---	---	
	04/12/10	24	---	---	<1.0	49	---	---	---	
	07/13/10	25	---	---	<1.0	100	---	---	---	
	10/11/10	21	---	---	<1.0	78	---	---	---	
	01/10/11	23	---	---	<1.0	64	---	---	---	
	04/11/11	20	---	---	<1.0	73	---	---	---	
MW-7 Lower Interval	02/17/00	<0.50	---	---	---	---	---	---	---	
	05/22/00	0.50	---	---	---	---	---	---	---	
	08/14/00	<0.50	---	---	---	---	---	---	---	
	11/13/00	1.5	<1.0	<1.0	<1.0	<10	---	---	---	
	02/21/01	2.0	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	5.7	<1.0	<1.0	<1.0	<10	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	DO (field)	Comments
		(µg/l)	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(mg/l)*	
MW-7 Lower Interval	08/15/01	5.1	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/13/01	6.0	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	4.3	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	05/02/02	4.5	---	---	<1.0	---	---	---	---	
	07/31/02	2.3	---	---	<1.0	---	---	---	---	
	11/06/02	5.5	---	---	<1.0	---	---	---	---	
	02/05/03	5.4	---	---	<1.0	---	---	---	---	
	05/06/03	3.8	---	---	<1.0	---	---	---	---	
	08/06/03	3.1	---	---	<1.0	---	---	---	---	
	10/22/03	3.7	---	---	<1.0	---	---	---	---	
	01/20/04	3.3	<1.0	<1.0	<1.0	8.6	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	1.3	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	5.1	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	3.7	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	6.1	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	6.1	---	---	---	<10	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	4.8	---	---	---	<10	---	---	2.20	
	04/16/07	---	---	---	---	---	---	---	1.90	
	07/16/07	28	---	---	---	<10	---	---	2.70	
	10/16/07	---	---	---	---	---	---	---	1.45	
	01/14/08	23	---	---	---	<10	---	---	3.00	
	04/14/08	---	---	---	---	---	---	---	2.62	
	07/15/08	34	---	---	---	<10	---	---	4.17	
	10/13/08	---	---	---	---	---	---	---	---	
	01/15/09	89	---	---	---	---	---	---	0.12	
	04/13/09	---	---	---	---	---	---	---	2.10	
	07/13/09	63	---	---	---	---	---	---	1.03	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	110	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	120	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	190	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-8 Lower Interval	02/17/00	<0.50	---	---	---	---	---	---	---	
	05/22/00	1.8	---	---	---	---	---	---	---	
	08/14/00	0.60	---	---	---	---	---	---	---	
	11/13/00	2.8	<1.0	<1.0	<1.0	<10	---	---	---	
	02/21/01	1.8	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	3.3	<1.0	<1.0	<1.0	<20*o*	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-8 Lower Interval	08/16/01	6.1	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	7.0	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	5.0	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	05/01/02	4.5	---	---	<1.0	---	---	---	---	
	07/30/02	4.4	---	---	<1.0	---	---	---	---	
	11/05/02	4.1	---	---	<1.0	---	---	---	---	
	02/05/03	3.8	---	---	<1.0	---	---	---	---	
	05/05/03	2.9	---	---	<1.0	---	---	---	---	
	08/06/03	8.9	---	---	<1.0	---	---	---	---	
	08/06/03	9.2	---	---	<1.0	---	---	---	---	(Dup-02) Duplicate of MW-8
	10/22/03	5.0	---	---	<1.0	---	---	---	---	
	01/21/04	0.80	<1.0	<1.0	<1.0	5.8	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	<0.50	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	2.6	---	---	---	<10	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	0.87	---	---	---	<10	---	---	3.90	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/16/07	<0.50	---	---	---	<10	---	---	2.90	
	10/16/07	---	---	---	---	---	---	---	4.20	
	01/14/08	<0.50	---	---	---	<10	---	---	3.80	
	04/14/08	---	---	---	---	---	---	---	2.81	
	07/14/08	<0.50	---	---	---	<10	---	---	0.82	
	10/13/08	---	---	---	---	---	---	---	---	
	01/13/09	<0.50	---	---	---	---	---	---	0.14	
	04/13/09	---	---	---	---	---	---	---	1.39	
	07/13/09	<0.50	---	---	---	---	---	---	1.52	
	10/12/09	---	---	---	---	---	---	---	---	
	01/11/10	3.3	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	0.95	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	5.4	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-9 Upper Interval	02/18/00	5.2	---	---	---	---	---	---	---	
	05/23/00	7.7	---	---	---	---	---	---	---	
	08/15/00	6.4	---	---	---	---	---	---	---	
	11/13/00	2.2	<1.0	<1.0	<1.0	<10	---	---	---	
	02/22/01	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	DO (field)	Comments
		(µg/l)	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(mg/l)*	
MW-9 Upper Interval	05/15/01	56	<1.0	<1.0	<1.0	<10	---	---	---	
	08/15/01	10	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	1.5	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/05/02	<5.0*	<10*	<10*	<10*	<100*	<100	<100	---	
	04/30/02	<1.0*	---	---	<2.0*	---	---	---	---	
	07/30/02	7.2	---	---	<1.0	---	---	---	---	
	11/04/02	<0.50	---	---	<1.0	---	---	---	---	
	02/04/03	2.5	---	---	<1.0	---	---	---	---	
	05/06/03	7.1	---	---	<1.0	---	---	---	---	
	08/05/03	3.9	---	---	<1.0	---	---	---	---	
	10/21/03	1.4	---	---	<1.0	---	---	---	---	
	01/20/04	<0.50	<1.0	<1.0	<1.0	6.2	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	1.1	<2.0*	<2.0*	<2.0*	<20*	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	(Dup-1) Duplicate of MW-9
	02/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	02/17/06	---	<1.0	<1.0	<1.0	<10	---	---	---	(Dup-2) Duplicate of MW-9
	04/17/06	---	---	---	---	---	---	---	---	
	04/17/06	<0.50	---	---	---	---	---	---	---	(DUP-1) Duplicate of MW-9
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.60	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-1) Duplicate of MW-9
	10/23/06	---	---	---	---	---	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	Held - not analyzed
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.20	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-2) Duplicate of MW-9
	04/16/07	---	---	---	---	---	---	---	0.10	
	04/16/07	---	---	---	---	---	---	---	---	(DUP) Duplicate of MW-9
	07/17/07	2.8	<1.0	<1.0	<1.0	<10	---	---	0.10	
	07/17/07	3.0	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-2) Duplicate of MW-9
	10/16/07	---	---	---	---	---	---	---	0.38	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.00	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-2) Duplicate of MW-9
	04/14/08	---	---	---	---	---	---	---	2.02	
	07/15/08	1.9	<1.0	<1.0	<1.0	<10	---	---	1.65	
	07/15/08	1.9	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-2) Duplicate of MW-9
	10/13/08	---	---	---	---	---	---	---	0.20	
	12/29/08	---	---	---	---	---	---	---	0.60	
	01/15/09	<0.50	---	---	---	---	---	---	0.11	
	01/15/09	<0.50	---	---	---	---	---	---	---	(DUP-2) Duplicate of MW-9
	04/13/09	<5.0*	---	---	---	---	---	---	0.71	
	07/14/09	3.7	---	---	---	---	---	---	2.85	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-9 Upper Interval	07/14/09	3.2	---	---	---	---	---	---	---	(DUP-2) Duplicate of MW-9
	10/12/09	69	---	---	---	---	---	---	1.77	
	01/12/10	<0.50	---	---	<1.0	<10	---	---	---	
	04/12/10	<0.50	---	---	<1.0	<10	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	0.80	
	10/11/10	0.53	---	---	<1.0	<10	---	---	---	
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	1.2	---	---	<1.0	<10	---	---	---	
MW-10 Upper Interval	02/18/00	100	---	---	---	---	---	---	---	
	05/23/00	35	---	---	---	---	---	---	---	
	08/15/00	20	---	---	---	---	---	---	---	
	11/14/00	25	<1.0	<1.0	<1.0	<10	---	---	---	
	02/20/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	05/15/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	08/14/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/13/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/05/02	17	<1.0*o*	<1.0*o*	<1.0*o*	<10*o*	<100	<100	---	
	02/05/02	18	<1.0	<1.0	<1.0	<1.0	<100	<100	---	(MW-1001) Duplicate of MW-10
	04/29/02	---	---	---	---	---	---	---	---	Well Dry / No Sample
	07/29/02	---	---	---	---	---	---	---	---	Well Dry / No Sample
	11/04/02	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/04/03	3.4	---	---	<1.0	---	---	---	---	
	05/07/03	8.2	---	---	<1.0*o*	---	---	---	---	
	08/05/03	12	---	---	<1.0	---	---	---	---	
	08/05/03	12	---	---	<1.0	---	---	---	---	(Dup-01) Duplicate of MW-10
	10/20/03	---	---	---	---	---	---	---	---	Well Dry / No Sample
	01/21/04	3.6	<2.0*o*	<2.0*o*	<2.0*o*	<20*o*	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	13	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	7.4	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	1.6	<2.0*o*	<2.0*o*	<2.0*o*	<20*o*	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	1.4	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	<2.5*o*	<5.0*o*	<5.0*o*	<5.0*o*	<50*o*	---	---	0.60	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	1.2	<1.0	<1.0	<1.0	<10	---	---	0.10	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	0.54	<1.0	<1.0	<1.0	<10	---	---	0.20	
	10/16/07	---	---	---	---	---	---	---	0.48	
	01/14/08	---	---	---	---	---	---	---	0.80	Well Dry / No Sample
	04/14/08	---	---	---	---	---	---	---	0.74	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-10 Upper Interval	07/15/08	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	---	Well Dry / No Sample
	01/13/09	---	---	---	---	---	---	---	---	Well Dry / No Sample
	04/13/09	---	---	---	---	---	---	---	0.76	
	07/14/09	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	Well Dry / No Sample
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	2.8	---	---	<5.0*o*	<50*o*	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.30	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-11 Lower Interval	02/18/00	44	---	---	---	---	---	---	---	
	05/23/00	57	---	---	---	---	---	---	---	
	08/15/00	45	---	---	---	---	---	---	---	
	11/13/00	46	<1.0	<1.0	<1.0	<10	---	---	---	
	02/21/01	31	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	31	<1.0	<1.0	<1.0	<10	---	---	---	
	08/14/01	16	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	48	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/04/02	37	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	04/30/02	22	---	---	<1.0	---	---	---	---	
	07/30/02	26	---	---	<1.0	---	---	---	---	
	11/05/02	13	---	---	<1.0	---	---	---	---	
	02/06/03	18	---	---	<1.0	---	---	---	---	
	05/08/03	18	---	---	<1.0	---	---	---	---	
	08/07/03	14	---	---	<1.0	---	---	---	---	
	10/20/03	14	---	---	<1.0	---	---	---	---	
	01/19/04	11	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	Unable to locate well
	07/19/05	4.5	<1.0	<1.0	<1.0	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	<1.0	<1.0	<1.0	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	---	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	---	---	---	3.00	
	04/16/07	---	---	---	---	---	---	---	3.50	
	07/16/07	<0.50	<1.0	<1.0	---	<10	---	---	4.70	
	10/16/07	---	---	---	---	---	---	---	2.80	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	DO (field)	Comments
		(µg/l)	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(mg/l)*	
MW-11 Lower Interval	01/14/08	<0.50	<1.0	<1.0	<1.0	---	---	---	0.60	
	04/14/08	---	---	---	---	---	---	---	1.91	
	07/14/08	1.1	<1.0	<1.0	<1.0	---	---	---	1.10	
	10/13/08	---	---	---	---	---	---	---	---	
	01/13/09	0.95	---	---	---	---	---	---	0.92	
	04/13/09	---	---	---	---	---	---	---	4.27	
	07/13/09	<0.50	---	---	---	---	---	---	3.73	
	10/12/09	---	---	---	---	---	---	---	---	
	01/11/10	<0.50	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	0.52	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-12 Upper Interval	02/18/00	16	---	---	---	---	---	---	---	
	05/23/00	0.60	---	---	---	---	---	---	---	
	08/14/00	<0.50	---	---	---	---	---	---	---	
	11/13/00	3.4	<1.0	<1.0	<1.0	<10	---	---	---	
	02/22/01	4.3	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	<6.3*	<13*	<13*	<13*	<250*	---	---	---	
	08/15/01	6.6	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	5.2	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/05/02	1.6	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/30/02	0.72	---	---	<1.0	---	---	---	---	
	07/30/02	1.4	---	---	<1.0	---	---	---	---	
	11/05/02	5.9	---	---	<1.0	---	---	---	---	
	02/05/03	1.5	---	---	<1.0	---	---	---	---	
	05/06/03	0.81	---	---	<1.0	---	---	---	---	
	08/05/03	<0.50	---	---	<1.0	---	---	---	---	
	10/22/03	0.76	---	---	<1.0	---	---	---	---	
	01/20/04	2.6	<1.0	<1.0	<1.0	7.1	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	1.2	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	<0.50	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	---	---	---	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	---	---	---	<10	---	---	4.00	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	4.0	---	---	---	<10	---	---	0.10	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/16/07	<0.50	---	---	---	<10	---	---	0.40	
	10/16/07	---	---	---	---	---	---	---	0.36	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-12 Upper Interval	01/15/08	<0.50	---	---	---	<10	---	---	0.60	
	04/14/08	---	---	---	---	---	---	---	1.13	
	07/14/08	<0.50	---	---	---	<10	---	---	1.27	
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	0.83	
	01/13/09	<0.50	---	---	---	---	---	---	0.19	
	04/13/09	---	---	---	---	---	---	---	0.46	
	07/13/09	<0.50	---	---	---	---	---	---	1.28	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	<0.50	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/12/10	<1.5*	---	---	<3.0*	<30*	---	---	---	
	08/05/10	---	---	---	---	---	---	---	0.78	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-13 Lower Interval	02/18/00	4.0	---	---	---	---	---	---	---	
	02/18/00	3.9	---	---	---	---	---	---	---	(DUP-01) Duplicate of MW-13
	05/23/00	5.7	---	---	---	---	---	---	---	
	08/15/00	8.9	---	---	---	---	---	---	---	
	08/15/00	7.8	---	---	---	---	---	---	---	(DUP-01) Duplicate of MW-13
	11/14/00	9.7	<10*	<10*	<10*	<200*	---	---	---	
	02/22/01	12	<10*	<10*	<10*	<200*	---	---	---	
	05/15/01	11	<5.0*	<5.0*	<5.0*	<100*	---	---	---	
	08/15/01	13	<13*	<13*	<13*	<130*	---	---	---	
	10/13/01	13	<10*	<10*	<10*	<100*	---	---	---	
	10/13/01	13	---	---	---	---	---	---	---	(MW-1301) Duplicate of MW-13
	02/07/02	12	<5.0*	<5.0*	<5.0*	<50*	<100	<100	---	
	04/30/02	14	---	---	<10*	---	---	---	---	
	04/30/02	---	---	---	<10	---	---	---	---	(MW-1301) Duplicate of MW-13
	08/01/02	17	---	---	<5.0*	---	---	---	---	
	08/01/02	18	---	---	<5.0	---	---	---	---	(MW-1301) Duplicate of MW-13
	11/06/02	25	---	---	<10*	---	---	---	---	
	02/07/03	22	---	---	<5.0*	---	---	---	---	
	05/07/03	30	---	---	<4.0*	---	---	---	---	
	08/05/03	23	---	---	<5.0*	---	---	---	---	
	10/21/03	25	---	---	<10*	---	---	---	---	
	01/21/04	19	<5.0*	<5.0*	<5.0*	<50*	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	32	<5.0*	<5.0*	<5.0*	63	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	26	<5.0*	<5.0*	<5.0*	<50*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	26	<1.0	<1.0	<1.0	16	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	24	<2.0*	<2.0*	<2.0*	<20*	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-13 Lower Interval	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	15	<2.0*	<2.0*	<2.0*	<20*	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	28	<5.0*	<5.0*	<5.0*	<50*	---	---	0.10	
	04/16/07	---	---	---	---	---	---	---	0.40	
	07/17/07	22	<5.0*	<5.0*	<5.0*	<50*	---	---	0.20	
	10/16/07	---	---	---	---	---	---	---	0.51	
	01/15/08	18	<5.0*	<5.0*	<5.0*	<50*	---	---	1.30	
	04/14/08	---	---	---	---	---	---	---	1.25	
	07/15/08	17	<5.0*v*	<5.0*v*	<5.0*v*	<50*v*	---	---	1.55	
	10/13/08	---	---	---	---	---	---	---	---	
	01/15/09	27	---	---	---	---	---	---	0.11	
	04/13/09	---	---	---	---	---	---	---	0.64	
	07/14/09	19	---	---	---	---	---	---	1.50	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	16	---	---	<5.0*	<50*	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	11	---	---	<4.0*	<40*	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	6.8	---	---	<1.0	23	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-14 Upper Interval	02/18/00	27	---	---	---	---	---	---	---	
	05/23/00	0.70	---	---	---	---	---	---	---	
	08/15/00	23	---	---	---	---	---	---	---	
	11/13/00	29	<1.0	<1.0	<1.0	<10	---	---	---	
	02/20/01	4.4	<1.0	<1.0	<1.0	<10	---	---	---	
	05/14/01	9.6	<1.0	<1.0	<1.0	<10	---	---	---	
	08/14/01	6.7	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	15	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/04/02	7.9	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	04/29/02	3.7	---	---	<1.0	---	---	---	---	
	07/29/02	4.4	---	---	<1.0	---	---	---	---	
	11/04/02	4.5	---	---	<1.0	---	---	---	---	
	02/05/03	3.6	---	---	<1.0	---	---	---	---	
	05/08/03	2.1	---	---	<1.0	---	---	---	---	
	08/07/03	6.3	---	---	<1.0	---	---	---	---	
	10/20/03	6.7	---	---	<1.0	---	---	---	---	
	01/19/04	2.5	<1.0	<1.0	<1.0	6.5	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	5.3	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	1.1	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	0.51	<1.0	<1.0	<1.0	<10	---	---	---	
	07/18/05	<0.50	---	---	---	---	---	---	---	(Dup-1) Duplicate of MW-14
	10/17/05	---	---	---	---	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-14 Upper Interval	02/17/06	0.80	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.30	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.10	
	04/16/07	---	---	---	---	---	---	---	1.00	
	07/17/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	2.20	
	10/16/07	---	---	---	---	---	---	---	1.81	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.20	
	04/14/08	---	---	---	---	---	---	---	3.16	
	07/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	2.55	
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	0.68	
	01/13/09	---	---	---	---	---	---	---	---	Well Dry / No Sample
	04/13/09	---	---	---	---	---	---	---	2.86	Well Dry / No Sample
	07/14/09	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/12/09	---	---	---	---	---	---	---	---	Well Dry / No Sample
	01/12/10	---	---	---	---	---	---	---	---	Well Dry / No Sample
	04/12/10	---	---	---	---	---	---	---	---	Well Dry / No Sample
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	2.40	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-15 Upper Interval	02/17/00	---	---	---	---	---	---	---	---	Well Dry / No Sample
	05/22/00	---	---	---	---	---	---	---	---	Well Dry / No Sample
	08/14/00	---	---	---	---	---	---	---	---	Well Dry / No Sample
	11/13/00	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/20/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	05/14/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	08/14/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/12/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/05/02	5.4	<2.0*o*	<2.0*o*	<2.0*o*	<2.0*o*	<100	<100	---	
	04/29/02	---	---	---	---	---	---	---	---	Well Dry / No Sample
	07/15/02	---	---	---	---	---	---	---	---	well abandoned
MW-15R Upper Interval	07/18/02	180	---	---	<1.0	---	---	---	---	Replacement for MW-15
	08/01/02	310	---	---	<2.0*o*	---	---	---	---	
	11/05/02	390	---	---	<2.0	---	---	---	---	
	02/04/03	49	---	---	<1.0	---	---	---	---	
	05/06/03	200	---	---	<1.0	---	---	---	---	
	08/05/03	130	---	---	<1.0	---	---	---	---	
	10/22/03	350	---	---	<2.0*o*	---	---	---	---	
	10/22/03	380	---	---	<2.0	---	---	---	---	(MW 15R15R) Duplicate of MW-15R
	01/20/04	170	<2.0*o*	<2.0*o*	<2.0*o*	26	<100	<50	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-15R Upper Interval	01/20/04	190	2.0	2.0	2.0	28	<100	<50	---	(MW-15R15R) Duplicate of MW-15R
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	140	<1.0	<1.0	<1.0	19	<100	<100	---	
	01/17/05	160	<5.0*o*	<5.0*o*	<5.0*o*	<50*o*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	04/18/05	---	---	---	---	---	---	---	---	(Dup-1) Duplicate of MW-15R
	07/18/05	120	<2.0*	<2.0*	<2.0*	<20*	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	4.8	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	0.52	<1.0	<1.0	<1.0	<10	---	---	0.50	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	32	<1.0	<1.0	<1.0	<10	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	0.30	
	07/16/07	22	<2.0*	<2.0*	<2.0*	<20*	---	---	0.30	
	10/15/07	---	---	---	---	---	---	---	0.42	
	01/15/08	37	<2.0*o*	<2.0*o*	<2.0*o*	<20*o*	---	---	0.90	
	04/14/08	---	---	---	---	---	---	---	1.12	
	07/14/08	27	<1.0	<1.0	<1.0	<10	---	---	0.71	
	10/13/08	---	---	---	---	---	---	---	0.20	
	12/29/08	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	01/13/09	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	04/13/09	22	---	---	---	---	---	---	0.66	
	07/14/09	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	10/12/09	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	01/12/10	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	04/12/10	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	07/12/10	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	10/11/10	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	01/11/11	---	---	---	---	---	---	---	---	NAPH / Not Sampled
	04/11/11	---	---	---	---	---	---	---	---	NAPH / Not Sampled
MW-16 Lower Interval	02/17/00	0.70	---	---	---	---	---	---	---	
	05/22/00	<0.50	---	---	---	---	---	---	---	
	08/14/00	<0.50	---	---	---	---	---	---	---	
	11/13/00	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	02/21/01	0.60	<1.0	<1.0	<1.0	<10	---	---	---	
	05/15/01	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	08/16/01	<0.50	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/13/01	<0.50	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/05/02	<0.50	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/30/02	<0.50	---	---	<1.0	---	---	---	---	
	07/30/02	<0.50	---	---	<1.0	---	---	---	---	
	11/05/02	<0.50	---	---	<1.0	---	---	---	---	
	02/05/03	<0.50	---	---	<1.0	---	---	---	---	
	05/06/03	<0.50	---	---	<1.0	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-16 Lower Interval	08/05/03	<0.50	---	---	<1.0	---	---	---	---	
	10/22/03	<0.50	---	---	<1.0	---	---	---	---	
	01/20/04	<0.50	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	0.78	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	---	---	---	---	---	---	---	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	<0.50	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	---	---	---	---	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	---	---	---	---	---	---	---	0.20	
	04/16/07	---	---	---	---	---	---	---	0.40	
	07/16/07	<0.50	---	---	---	---	---	---	0.40	
	10/16/07	---	---	---	---	---	---	---	0.43	
	01/15/08	---	---	---	---	---	---	---	1.50	
	04/14/08	---	---	---	---	---	---	---	0.70	
	07/14/08	<0.50	---	---	---	---	---	---	7.75	
	10/13/08	---	---	---	---	---	---	---	---	
	01/13/09	---	---	---	---	---	---	---	---	
	04/13/09	---	---	---	---	---	---	---	0.63	
	07/13/09	<0.50	---	---	---	---	---	---	1.88	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/12/10	<0.50	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-17 Upper Interval	02/18/00	100	---	---	---	---	---	---	---	
	05/23/00	28	---	---	---	---	---	---	---	
	05/23/00	29	---	---	---	---	---	---	---	(DUP-02) Duplicate of MW-17
	08/15/00	33	---	---	---	---	---	---	---	
	11/13/00	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/20/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/22/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	05/14/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	08/14/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	10/12/01	---	---	---	---	---	---	---	---	Well Dry / No Sample
	02/04/02	120	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/29/02	---	---	---	---	---	---	---	---	Well Dry / No Sample
	07/18/02	---	---	---	---	---	---	---	---	MW-17 Abandoned
MW-17R Upper Interval										

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	DO (field)	Comments
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	
MW-17R Upper Interval	07/18/02	270	---	---	<5.0	---	---	---	---	First sample after development
	08/01/02	190	---	---	<3.0	---	---	---	---	
	08/01/02	---	---	---	<3.0	---	---	---	---	(MW-17R01) Duplicate of MW-17R
	08/21/02	---	---	---	---	---	---	---	---	
	11/06/02	170	---	---	<3.0*	---	---	---	---	
	02/04/03	140	---	---	<2.0*	---	---	---	---	
	05/08/03	110	---	---	<1.0	---	---	---	---	
	05/08/03	110	---	---	<1.0	---	---	---	---	(MW-177) Duplicate of MW-17R
	08/07/03	110	---	---	<2.0*	---	---	---	---	
	08/07/03	110	---	---	<2.0	---	---	---	---	(Dup-03) Duplicate of MW-17R
	10/21/03	91	---	---	<1.0	---	---	---	---	
	01/19/04	120	<2.0	<2.0	<2.0	<20	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	70	<2.0*	<2.0*	<2.0*	<20*	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	57	<3.0*	<3.0*	<3.0*	<30*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	16	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	8.7	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	<0.50	---	---	---	---	---	---	0.70	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	8.8	---	---	---	---	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	7.6	---	---	---	---	---	---	1.20	
	10/16/07	---	---	---	---	---	---	---	0.45	
	01/15/08	7.2	---	---	---	---	---	---	1.20	
	04/14/08	---	---	---	---	---	---	---	0.79	
	07/15/08	5.4	---	---	---	---	---	---	3.92	
	10/13/08	---	---	---	---	---	---	---	2.70	
	12/29/08	---	---	---	---	---	---	---	3.14	
	01/15/09	3.8	---	---	---	---	---	---	0.05	
	04/13/09	1.4	---	---	---	---	---	---	0.19	
	07/14/09	3.7	---	---	---	---	---	---	1.17	
	10/12/09	3.2	---	---	---	---	---	---	2.35	
	01/12/10	2.8	---	---	<2.0*	<20*	---	---	---	
	04/12/10	2.3	---	---	<2.0*	<20*	---	---	---	
	07/13/10	2.7	---	---	<3.0*	<30*	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.50	
	10/11/10	2.5	---	---	<2.0*	<20*	---	---	---	
	01/11/11	2.1	---	---	<2.0*	<20*	---	---	---	
	04/11/11	0.73	---	---	<1.0	<10	---	---	---	
MW-18 Upper Interval	05/23/00	60,000	---	---	---	---	---	---	---	
	08/15/00	210,000	---	---	---	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-18 Upper Interval	11/14/00	170,000	<100*	<100*	2,000	6,400	---	---	---	
	02/20/01	---	---	---	---	---	---	---	---	Free product/no sample
	02/22/01	---	---	---	---	---	---	---	---	free phase product
	05/14/01	---	---	---	---	---	---	---	---	free phase product
	08/14/01	---	---	---	---	---	---	---	---	Free product/no sample
	10/12/01	---	---	---	---	---	---	---	---	free phase product
	02/04/02	---	---	---	---	---	---	---	---	Free product/no sample
	04/29/02	---	---	---	---	---	---	---	---	free phase product
	08/01/02	7,900	---	---	110	---	---	---	---	
	11/04/02	---	---	---	---	---	---	---	---	Free product/no sample
	02/06/03	2,100	---	---	26	---	---	---	---	
	05/09/03	4,100	---	---	30	---	---	---	---	
	08/05/03	1,000	<5.0*	<5.0*	22	130	130	<100	---	
	10/22/03	3,700	---	---	41	800	<100	<50	---	
	01/20/04	5,600	<10*	<10*	54	1,200	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	04/19/04	---	---	---	---	---	---	---	---	(DUP1) Duplicate of MW-18
	07/19/04	1,400	<2.0*	<2.0*	16	160	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	2,500	<5.0*	<5.0*	26	390	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	330	<2.0*	<2.0*	17	47	<100	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	9.5	<1.0	<1.0	<1.0	21	<100	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	0.60	<1.0	<1.0	<1.0	<10	<100	---	0.50	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	74	<100	---	0.10	
	04/16/07	---	---	---	---	---	---	---	0.60	
	07/17/07	<0.50	<1.0	<1.0	<1.0	20	<100	---	5.70	
	10/16/07	---	---	---	---	---	---	---	0.43	
	01/15/08	---	---	---	---	---	---	---	0.50	Well Dry / No Sample
	04/14/08	---	---	---	---	---	---	---	0.44	
	07/15/08	---	---	---	---	---	---	---	1.15	Well Dry / No Sample
	10/13/08	---	---	---	---	---	---	---	0.44	Well Dry / No Sample
	12/29/08	---	---	---	---	---	---	---	---	Well Dry / No Sample
	01/13/09	---	---	---	---	---	---	---	---	
	04/13/09	<0.50	---	---	---	<10	---	---	0.76	
	07/14/09	---	---	---	---	---	---	---	---	
	10/12/09	0.65	---	---	---	1,100	---	---	0.48	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	<0.50	---	---	<1.0	<10	---	---	---	
	07/13/10	0.60	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	0.90	
	10/11/10	0.57	---	---	<1.0	<10	---	---	---	
	01/11/11	<1.0*o*	---	---	<2.0*o*	<20*o*	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-18 Upper Interval	04/11/11	<1.0*	---	---	<2.0*	1,200	---	---	---	
MW-19 Upper Interval	08/14/01	2.3	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/13/01	2.3	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/05/02	0.68	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/29/02	1.4	---	---	<1.0	---	---	---	---	
	07/30/02	1.7	---	---	<1.0	---	---	---	---	
	11/04/02	1.7	---	---	<1.0	---	---	---	---	
	02/03/03	1.9	---	---	<1.0	---	---	---	---	
	05/07/03	46	---	---	<1.0	---	---	---	---	
	08/06/03	35	---	---	<1.0	---	---	---	---	
	10/21/03	34	---	---	<1.0	---	---	---	---	
	01/20/04	160	<1.0	<1.0	<1.0	7.2	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	1,500	<2.0*	<2.0*	6.5	<20*	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	140	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/18/05	<0.50	---	---	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	1.4	---	---	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	71	---	---	<1.0	<10	---	---	4.60	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	1,200	---	---	12	<20*	---	---	0.30	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	290	---	---	2.6	12	---	---	0.20	
	10/16/07	170	<1.0	<1.0	1.6	<10	---	---	0.49	
	01/15/08	210	---	---	1.5	<10	---	---	0.80	
	04/14/08	---	---	---	---	---	---	---	0.31	
	07/15/08	65	---	---	<1.0	---	---	---	1.10	
	10/13/08	86	<1.0	<1.0	<1.0	<10	---	---	0.34	
	12/29/08	---	---	---	---	---	---	---	2.82	
	01/14/09	95	---	---	---	---	---	---	0.11	
	04/13/09	---	---	---	---	---	---	---	0.19	
	07/13/09	76	---	---	---	---	---	---	1.23	
	01/11/10	64	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	46	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.80	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-20 Lower Interval	08/14/01	43	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	51	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	63	<0.50	<0.50	<0.50	<5.0	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE	DIPE	ETBE	TAME	TBA	Methanol	Ethanol	DO (field)	Comments
		(µg/l)	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(µg/l)*	*(mg/l)*	
MW-20 Lower Interval	05/01/02	7.8	---	---	<1.0	---	---	---	---	
	07/31/02	1.8	---	---	<1.0	---	---	---	---	
	11/06/02	18	---	---	<1.0	---	---	---	---	
	11/06/02	---	---	---	<1.0	---	---	---	---	(MW-2001) Duplicate of MW-20
	02/06/03	25	---	---	<1.0	---	---	---	---	
	05/07/03	22	---	---	<1.0	---	---	---	---	
	08/07/03	20	---	---	<1.0	---	---	---	---	
	10/20/03	27	---	---	<1.0	---	---	---	---	
	01/19/04	27	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	0.75	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	3.5	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	---	---	---	---	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	---	---	---	---	---	---	2.10	
	04/16/07	---	---	---	---	---	---	---	4.80	
	07/17/07	0.95	---	---	---	---	---	---	4.70	
	10/15/07	6.1	<1.0	<1.0	<1.0	<10	---	---	3.20	
	01/15/08	<0.50	---	---	---	---	---	---	4.60	
	04/14/08	---	---	---	---	---	---	---	1.66	
	07/14/08	20	---	---	---	---	---	---	1.13	
	10/13/08	1.9	<1.0	<1.0	<1.0	<10	---	---	1.48	
	01/14/09	9.6	---	---	---	---	---	---	0.58	
	04/13/09	---	---	---	---	---	---	---	0.45	
	07/14/09	3.0	---	---	---	---	---	---	1.92	
	10/12/09	---	---	---	---	---	---	---	---	
	01/11/10	0.90	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	1.1	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	0.57	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-21 Upper Interval	08/14/01	2.8	<1.0	<1.0	<1.0	<5.0	---	---	---	
	10/12/01	4.5	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	0.61	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/29/02	3.3	---	---	<1.0	---	---	---	---	
	07/29/02	2.3	---	---	<1.0	---	---	---	---	
	11/04/02	1.6	---	---	<1.0	---	---	---	---	
	02/03/03	<0.50	---	---	<1.0	---	---	---	---	
	05/08/03	0.71	---	---	<1.0	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-21 Upper Interval	08/07/03	<0.50	---	---	<1.0	---	---	---	---	
	10/20/03	0.66	---	---	<1.0	---	---	---	---	
	01/19/04	0.72	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	0.54	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	0.68	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	<0.50	---	---	---	---	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	---	---	---	---	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	5.4	---	---	---	---	---	---	0.20	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	350	---	---	---	---	---	---	0.70	
	04/16/07	---	---	---	---	---	---	---	0.30	
	07/17/07	360	---	---	---	---	---	---	0.30	
	10/15/07	320	<1.0	<1.0	2.3	<10	---	---	0.46	
	01/15/08	290	---	---	---	---	---	---	0.80	
	04/14/08	---	---	---	---	---	---	---	1.16	
	07/14/08	81	---	---	---	---	---	---	0.72	
	10/13/08	50	<1.0	<1.0	<1.0	<10	---	---	2.18	
	12/29/08	---	---	---	---	---	---	---	2.41	
	01/13/09	64	---	---	---	---	---	---	0.98	
	04/13/09	---	---	---	---	---	---	---	0.60	
	07/14/09	37	---	---	---	---	---	---	4.01	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	28	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	30	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	3.40	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	11	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-22 Lower Interval	02/07/01	8.1	---	---	---	---	---	---	---	
	08/14/01	19	<1.0	<1.0	<1.0	6.2	---	---	---	
	10/12/01	11	<1.0	<1.0	<1.0	<5.0	---	---	---	
	02/06/02	8.1	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	02/07/02	7.7	<1.0	<1.0	<1.0	<5.0	<100	<100	---	(MW-2201) Duplicate of MW-22
	05/01/02	4.6	---	---	<1.0	---	---	---	---	
	07/31/02	2.9	---	---	<1.0	---	---	---	---	
	11/05/02	2.2	---	---	<1.0	---	---	---	---	
	02/06/03	2.5	---	---	<1.0	---	---	---	---	
	05/07/03	2.0	---	---	<1.0	---	---	---	---	
	05/07/03	2.2	---	---	<1.0	---	---	---	---	(MW-222) Duplicate of MW-22
	08/06/03	1.9	---	---	<1.0	---	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-22 Lower Interval	10/21/03	1.3	---	---	<1.0	---	---	---	---	
	10/21/03	1.5	---	---	<1.0	---	---	---	---	(MW 222) Duplicate of MW-22
	01/21/04	0.54	<1.0	<1.0	<1.0	<5.0	<100	<50	---	
	01/21/04	0.55	<1.0	<1.0	<1.0	<5.0	<100	<50	---	(MW-2222) Duplicate of MW-22
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	0.72	<1.0	<1.0	<1.0	<10	<100	<100	---	
	07/19/04	---	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-3) Duplicate of MW-22
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	01/17/05	---	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-2) Duplicate of MW-22
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.80	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	4.20	
	10/16/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.38	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	2.00	
	04/14/08	---	---	---	---	---	---	---	0.65	
	07/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.17	
	10/13/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.71	
	01/14/09	<0.50	---	---	---	---	---	---	0.17	
	04/13/09	---	---	---	---	---	---	---	0.47	
	07/13/09	0.80	---	---	---	---	---	---	1.02	
	10/12/09	---	---	---	---	---	---	---	---	
	01/11/10	0.86	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	2.1	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-23 Upper Interval	08/14/01	530	<1.0	<1.0	2.0	220	---	---	---	
	10/12/01	640	<1.0	<1.0	1.8	200	---	---	---	
	02/04/02	15	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	04/29/02	400	---	---	1.2	---	---	---	---	
	07/29/02	270	---	---	<1.0	---	---	---	---	
	11/04/02	280	---	---	<1.0	---	---	---	---	
	02/04/03	<0.50	---	---	<1.0	---	---	---	---	
	05/07/03	150	---	---	<1.0	---	---	---	---	
	08/06/03	58	---	---	<1.0	---	---	---	---	
	10/21/03	57	---	---	<1.0	---	---	---	---	
	01/21/04	3.0	<1.0	<1.0	<1.0	<5.0	<100	<50	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-23 Upper Interval	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	82	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	66	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	23	<1.0	<1.0	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	4.8	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.30	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	20	<1.0	<1.0	<1.0	<10	---	---	1.30	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	33	<1.0	<1.0	<1.0	<10	---	---	0.10	
	10/16/07	31	<1.0	<1.0	<1.0	<10	---	---	0.34	
	01/15/08	63	<1.0	<1.0	<1.0	<10	---	---	0.60	
	04/14/08	---	---	---	---	---	---	---	2.04	
	07/15/08	52	<1.0	<1.0	<1.0	<10	---	---	0.96	
	10/13/08	46	<1.0	<1.0	<1.0	<10	---	---	2.52	
	12/29/08	---	---	---	---	---	---	---	2.61	
	01/14/09	46	---	---	---	---	---	---	0.10	
	04/13/09	---	---	---	---	---	---	---	0.52	
	07/13/09	67	---	---	---	---	---	---	1.60	
	01/12/10	32	---	---	<1.0	18	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	16	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	0.80	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-24 Lower Interval	02/06/02	9.7	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	05/01/02	1.2	---	---	<1.0	---	---	---	---	
	07/31/02	<0.50	---	---	<1.0	---	---	---	---	
	11/06/02	0.87	---	---	<1.0	---	---	---	---	
	11/06/02	---	---	---	<1.0	---	---	---	---	(MW-2401) Duplicate of MW-24
	02/06/03	1.4	---	---	<1.0	---	---	---	---	
	05/07/03	58	---	---	<1.0	---	---	---	---	
	08/07/03	35	---	---	<1.0	---	---	---	---	
	10/20/03	3.9	---	---	<1.0	---	---	---	---	
	01/19/04	19	<1.0	<1.0	<1.0	5.0	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	14	<1.0	<1.0	<1.0	<10	---	---	---	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-24 Lower Interval	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	1.1	<1.0	<1.0	<1.0	<10	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.50	
	04/16/07	---	---	---	---	---	---	---	1.70	
	07/17/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	4.70	
	10/16/07	---	---	---	---	---	---	---	3.80	
	01/14/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	2.40	
	04/14/08	---	---	---	---	---	---	---	0.44	
	07/14/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	0.99	
	10/13/08	---	---	---	---	---	---	---	---	
	01/14/09	<0.50	---	---	---	---	---	---	1.44	
	04/13/09	---	---	---	---	---	---	---	1.39	
	07/13/09	<0.50	---	---	---	---	---	---	1.69	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-25 Upper Interval	02/06/02	360	<1.0	<1.0	2.6	<10*	<100	<100	---	
	04/29/02	350	---	---	11	---	---	---	---	
	07/29/02	420	---	---	13	---	---	---	---	
	11/04/02	550	---	---	17	---	---	---	---	
	02/03/03	640	---	---	15	---	---	---	---	
	05/07/03	140	---	---	3.4	---	---	---	---	
	08/07/03	62	---	---	1.1	---	---	---	---	
	10/20/03	21	---	---	<1.0	---	---	---	---	
	01/19/04	27	<1.0	<1.0	<1.0	7.4	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	14	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	24	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	21	<1.0	<1.0	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	12	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	2.3	<1.0	<1.0	<1.0	<10	---	---	0.30	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	0.62	<1.0	<1.0	<1.0	<10	---	---	0.30	
	04/16/07	---	---	---	---	---	---	---	0.90	
	07/17/07	2.0	<1.0	<1.0	<1.0	<10	---	---	1.10	

Table 3

Groundwater Sample Analytical Results - Fuel Oxygenates and Dissolved Oxygen
SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-25 Upper Interval	10/16/07	---	---	---	---	---	---	---	0.95	
	01/14/08	2.9	<1.0	<1.0	<1.0	<10	---	---	0.70	
	04/14/08	---	---	---	---	---	---	---	0.08	
	07/15/08	---	---	---	---	---	---	---	1.37	
	07/22/08	4.7	<1.0	<1.0	<1.0	<10	---	---	1.64	
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	1.61	
	01/14/09	4.6	---	---	---	---	---	---	0.15	
	04/13/09	---	---	---	---	---	---	---	0.32	
	07/13/09	2.5	---	---	---	---	---	---	2.52	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	2.5	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	2.30	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-26 Lower Interval	02/05/02	98	<0.50	<0.50	0.59	<5.0	<100	<100	---	
	05/01/02	<0.50	---	---	<1.0	---	---	---	---	
	07/31/02	2.9	---	---	<1.0	---	---	---	---	
	11/06/02	3.8	---	---	<1.0	---	---	---	---	
	02/07/03	0.83	---	---	<1.0	---	---	---	---	
	05/08/03	0.53	---	---	<1.0	---	---	---	---	
	08/07/03	0.84	---	---	<1.0	---	---	---	---	
	10/20/03	1.8	---	---	<1.0	---	---	---	---	
	10/20/03	1.8	---	---	<1.0	---	---	---	---	(MW 2626) Duplicate of MW-26
	01/19/04	0.70	<1.0	<1.0	<1.0	5.6	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	07/19/04	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-2) Duplicate of MW-26
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	01/17/05	---	<1.0	<1.0	<1.0	<10	<100	<100	---	(Dup-1) Duplicate of MW-26
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	<0.50	---	---	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	---	---	<1.0	<10	---	---	---	
	02/17/06	<0.50	---	<1.0	<1.0	<10	---	---	---	(Dup-3) Duplicate of MW-26
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	0.69	---	---	<1.0	<10	---	---	---	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	4.6	---	---	<1.0	<10	---	---	3.90	
	04/16/07	---	---	---	---	---	---	---	4.70	
	07/16/07	<0.50	---	---	<1.0	<10	---	---	3.20	
	10/16/07	---	---	---	---	---	---	---	1.23	

Table 3

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SFPP, L.P. West Sacramento Station

Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-26 Lower Interval	01/15/08	<0.50	---	---	<1.0	<10	---	---	0.40	
	04/14/08	---	---	---	---	---	---	---	1.18	
	07/14/08	<0.50	---	---	<1.0	---	---	---	0.92	
	10/13/08	---	---	---	---	---	---	---	---	
	01/13/09	<0.50	---	---	---	---	---	---	0.48	
	04/13/09	---	---	---	---	---	---	---	3.42	
	07/13/09	<0.50	---	---	---	---	---	---	1.29	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-27 Upper Interval	02/05/02	13,000	<20*	<20*	46	<200*	<100	<100	---	
	04/30/02	8,700	---	---	47	---	---	---	---	
	07/30/02	16,000	---	---	68	---	---	---	---	
	11/05/02	18,000	---	---	73	---	---	---	---	
	02/04/03	11,000	---	---	39	---	---	---	---	
	05/08/03	9,600	---	---	41	---	---	---	---	
	08/07/03	5,800	---	---	29	---	---	---	---	
	10/20/03	4,200	---	---	20	---	---	---	---	
	01/19/04	4,900	<10	<10	15	120	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	4,700	<10*	<10*	15	<100*	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	1,500	<3.0*	<3.0*	4.4	<30*	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	570	<1.0	<1.0	1.9	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	590	<2.0*	<2.0*	2.3	<20*	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	34	<1.0	<1.0	<1.0	69	---	---	0.30	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	170	<3.0*	<3.0*	<3.0*	3,700	---	---	0.70	
	04/16/07	---	---	---	---	---	---	---	0.10	
	07/17/07	94	<1.0	<1.0	<1.0	110	---	---	1.60	
	10/16/07	---	---	---	---	---	---	---	0.54	
	01/15/08	52	<1.0	<1.0	<1.0	42	---	---	0.50	
	04/14/08	---	---	---	---	---	---	---	0.23	
	07/15/08	---	---	---	---	---	---	---	1.35	
	07/22/08	23	<1.0	<1.0	<1.0	<10	---	---	1.19	
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	1.21	
	01/15/09	29	---	---	---	---	---	---	0.17	
	04/13/09	---	---	---	---	---	---	---	1.00	

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Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-27 Upper Interval	07/14/09	29	---	---	---	---	---	---	3.91	
	10/12/09	---	---	---	---	---	---	---	---	
	01/11/10	18	---	---	<1.0	<10	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	8.7	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	2.50	
	10/11/10	---	---	---	---	---	---	---	---	
	01/10/11	3.6	---	---	<1.0	<10	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-28 Lower Interval	02/04/02	1.0	<1.0	<1.0	<1.0	<5.0	<100	<100	---	
	05/01/02	0.50	---	---	<1.0	---	---	---	---	
	07/30/02	0.80	---	---	<1.0	---	---	---	---	
	11/05/02	0.67	---	---	<1.0	---	---	---	---	
	02/05/03	0.71	---	---	<1.0	---	---	---	---	
	05/08/03	0.65	---	---	<1.0	---	---	---	---	
	08/07/03	0.76	---	---	<1.0	---	---	---	---	
	10/21/03	1.2	---	---	<1.0	---	---	---	---	
	01/19/04	1.2	<1.0	<1.0	<1.0	6.5	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	0.57	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	<0.50	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	
	07/17/06	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-3) Duplicate of MW-28
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	2.70	
	01/15/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-3) Duplicate of MW-28
	04/16/07	---	---	---	---	---	---	---	5.30	
	07/16/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	4.50	
	07/16/07	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-1) Duplicate of MW-28
	10/16/07	---	---	---	---	---	---	---	2.14	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	3.40	
	01/15/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-3) Duplicate of MW-28
	04/14/08	---	---	---	---	---	---	---	1.63	
	07/14/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	1.64	
	07/14/08	<0.50	<1.0	<1.0	<1.0	<10	---	---	---	(DUP-1) Duplicate of MW-28
	10/13/08	---	---	---	---	---	---	---	---	
	01/13/09	<0.50	---	---	---	---	---	---	1.43	
	01/13/09	<0.50	---	---	---	---	---	---	---	(DUP-1) Duplicate of MW-28
	04/13/09	---	---	---	---	---	---	---	2.19	
	07/13/09	<0.50	---	---	---	---	---	---	1.13	

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Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-28 Lower Interval	07/13/09	<0.50	---	---	---	---	---	---	---	(DUP-1) Duplicate of MW-28
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
MW-29 Upper Interval	02/05/02	5.2	<0.50	<0.50	<0.50	<5.0	<100	<100	---	
	04/29/02	3.8	---	---	<1.0	---	---	---	---	
	07/29/02	3.4	---	---	<1.0	---	---	---	---	
	11/04/02	2.7	---	---	<1.0	---	---	---	---	
	02/03/03	4.2	---	---	<1.0	---	---	---	---	
	02/03/03	4.1	---	---	<1.0	---	---	---	---	(MW-2901) Duplicate of MW-29
	05/08/03	2.6	---	---	<1.0	---	---	---	---	
	08/07/03	4.6	---	---	<1.0	---	---	---	---	
	10/21/03	4.0	---	---	<1.0	---	---	---	---	
	01/19/04	2.8	<1.0	<1.0	<1.0	6.1	<100	<50	---	
	04/19/04	---	---	---	---	---	---	---	---	
	07/19/04	3.3	<1.0	<1.0	<1.0	<10	<100	<100	---	
	11/12/04	---	---	---	---	---	---	---	---	
	01/17/05	2.1	<1.0	<1.0	<1.0	<10	<100	<100	---	
	04/18/05	---	---	---	---	---	---	---	---	
	07/19/05	2.6	---	---	<1.0	<10	---	---	---	
	10/17/05	---	---	---	---	---	---	---	---	
	02/17/06	2.2	---	---	---	<10	---	---	---	
	04/17/06	---	---	---	---	---	---	---	---	
	07/18/06	<0.50	---	---	---	<10	---	---	0.30	
	10/23/06	---	---	---	---	---	---	---	---	
	01/15/07	<0.50	---	---	---	<10	---	---	0.40	
	04/16/07	---	---	---	---	---	---	---	0.20	
	07/17/07	<0.50	---	---	---	<10	---	---	0.20	
	10/16/07	---	---	---	---	---	---	---	0.23	
	01/14/08	<0.50	---	---	---	<10	---	---	0.70	
	04/14/08	---	---	---	---	---	---	---	0.52	
	07/15/08	<0.50	---	---	---	<10	---	---	1.27	
	10/13/08	---	---	---	---	---	---	---	---	
	12/29/08	---	---	---	---	---	---	---	1.61	
	01/14/09	<0.50	---	---	---	---	---	---	0.19	
	04/13/09	---	---	---	---	---	---	---	1.08	
	07/13/09	<0.50	---	---	---	---	---	---	2.38	
	10/12/09	---	---	---	---	---	---	---	---	
	01/12/10	---	---	---	---	---	---	---	---	
	04/12/10	---	---	---	---	---	---	---	---	
	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	
	08/05/10	---	---	---	---	---	---	---	1.20	

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Well ID	Sample Date	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Methanol (µg/l)	Ethanol (µg/l)	DO (field) (mg/l)	Comments
MW-29 Upper Interval	10/11/10	---	---	---	---	---	---	---	---	
	01/11/11	---	---	---	---	---	---	---	---	
	04/11/11	---	---	---	---	---	---	---	---	
Equip. Blank	07/13/10	<0.50	---	---	<1.0	<10	---	---	---	Labeled as EQ-1
	10/11/10	<0.50	---	---	<1.0	<10	---	---	---	Labeled as EQ-1
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	Labeled as EQ-1
	04/11/11	<0.50	---	---	<1.0	<10	---	---	---	Labeled as EQ-1
Trip Blank	07/12/10	<0.50	---	---	<1.0	<10	---	---	---	Labeled as TB-1
	10/11/10	<0.50	---	---	<1.0	<10	---	---	---	Labeled as TB-1
	01/11/11	<0.50	---	---	<1.0	<10	---	---	---	Labeled as TB-1
	04/11/11	<0.50	---	---	<1.0	<10	---	---	---	Labeled as TB

Notes:
--- = Sampling not required in accordance with MRP No. R5-2003-0842 or not analyzed
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary-butyl ether
TBA = Tertiary-butyl alcohol
MTBE = Methyl tertiary-butyl ether
* = Reporting limits were increased due to high concentrations of target analytes
o =Reporting limits were increased due to sample foaming
TAME = Tertiary-amyl methyl ether
(µg/l) = micrograms per liter
(mg/l) = milligrams per liter
DO = Dissolved Oxygen, Field Monitoring Data

Appendix D
Well Construction Details

Appendix D
Well Construction Details
Former Tesoro Terminal/TARP Site
1700 and 1701 South River Road
West Sacramento, California

Well	Date	Coordinates				PVC	Ground Surface	Well			Screen					Filter Pack		Bentonite		Comments
		Latitude	Longitude	Northings	Eastings	Elevation	Elevation	Depth		Diameter	Top		Bottom		Length	Top		Top		
I.D.	Installed					(feet, MSL)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(inches)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(feet)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	
Former Tesoro Terminal A Zone Wells																				
MW-1T	5/89	38.568003958	-121.524573015	1969032.347	6697597.292	29.37	29.75	30	-0.63	1	24.5	4.87	29.5	-0.13	5	23.5	5.87	19.5	9.87	Monitoring Well
MW-2T	5/89	--	--	1968781.3	6697533.3	29.29	29.89	25	4.29	2	19	10.29	26	3.29	7	18	11.29	14.5	14.79	Monitoring Well
RW-3T	04/03/90	38.567552990	-121.524070885	1968868.867	6697741.716	36.67	36.90	40	-3.33	4	25	11.67	40	-3.33	15	24	12.67	22	14.67	Recovery Well
MW-4T	04/02/90	38.568148034	-121.523755103	1969086.04	6697830.867	31.65	31.73	35	-3.35	2	20	11.65	35	-3.35	15	19	12.65	17	14.65	Monitoring Well
MW-5T	04/03/90	38.567684119	-121.524377891	1968916.161	6697653.69	32.30	32.71	35	-2.70	2	20	12.30	35	-2.70	15	19	13.30	17	15.30	Monitoring Well
MW-6T	04/03/90	38.568190597	-121.524317099	1969100.699	6697670.105	29.96	30.45	33	-3.04	2	17	12.96	33	-3.04	16	16	13.96	14	15.96	Monitoring Well
MW-7T	04/04/90	38.568013653	-121.524282033	1969036.313	6697680.469	31.48	30.34	36	-4.52	2	20	11.48	35	-3.52	15	19	12.48	17	14.48	Monitoring Well
RW-8T	04/04/90	38.567436439	-121.524018472	1968826.501	6697756.924	36.94	37.31	40.5	-3.56	4	20	16.94	40	-3.06	20	19	17.94	17	19.94	Recovery Well
MW-9T	05/26/92	38.567000790	-121.524187633	1968667.595	6697709.39	37.34	37.84	36.5	0.84	4	21	16.34	36	1.34	15	19	18.34	17	20.34	Monitoring Well
RW-10T	05/28/92	38.568240608	-121.524345079	1969118.87	6697662.01	30.08	30.26	31	-0.92	6	10	20.08	30	0.08	20	9	21.08	7	23.08	Recovery Well
MW-11T	05/27/92	38.568650549	-121.523529928	1969269.381	6697894.287	29.91	28.27	29.5	0.41	4	14	15.91	29	0.91	15	12	17.91	10	19.91	Monitoring Well
MW-12T	05/28/92	38.568920262	-121.524036840	1969366.844	6697748.842	23.93	22.21	26.5	-2.57	4	11	12.93	26	-2.07	15	9	14.93	7	16.93	Monitoring Well
RW-13T	05/28/92	38.568187076	-121.523770284	1969100.235	6697826.452	35.04	31.89	30.5	4.54	4	15	20.04	30	5.04	15	13	22.04	11	24.04	Recovery Well
MW-14T	03/31/94	38.569344817	-121.525632499	1969519.071	6697291.826	15.79	15.97	22	-6.21	4	6.5	9.29	21.5	-5.71	15	6	9.79	4	11.79	Monitoring Well
MW-15T	03/31/94	38.567006639	-121.526496166	1968666.278	6697049.336	15.41	15.94	22	-6.59	4	6.5	8.91	21.5	-6.09	15	6	9.41	4	11.41	Monitoring Well
MW-16T	04/01/94	38.568425082	-121.526089343	1969183.445	6697162.959	15.77	16.11	23	-7.23	4	7.5	8.27	22.5	-6.73	15	6.5	9.27	4.5	11.27	Monitoring Well
MW-17T	04/01/94	--	--	1968301.3	6697066.6	15.03	15.87	21.5	-6.47	4	6.5	8.53	21.5	-6.47	15	5.5	9.53	4	11.03	Destroyed Monitoring Well
MW-17R	09/19/07	38.565934089	-121.526540558	1968275.616	6697038.679	15.67	15.87	20	-4.33	2	5.0	10.67	20.0	-4.33	15	4	11.67	3	12.67	Monitoring Well
MW-18T	04/04/94	--	--	1969661.3	6697618.2	15.03	15.60	22	-6.97	4	6.5	8.53	21.5	-6.47	15	5.5	9.53	4	11.03	Destroyed Monitoring Well
MW-18R	12/20/07	38.569663446	-121.524522421	1969636.766	6697608.596	15.36	15.71	20	-4.64	2	5.0	10.36	20.0	-4.64	15	4	11.36	2	13.36	Monitoring Well
MW-19T	04/04/94	38.568186788	-121.523541969	1969100.473	6697891.73	35.58	36.17	37	-1.42	4	22	13.58	37	-1.42	15	20	15.58	18	17.58	Monitoring Well
MW-21T	04/05/94	38.567891582	-121.523708224	1968992.717	6697844.759	36.31	36.63	40	-3.69	4	24.5	11.81	39.5	-3.19	15	23.5	12.81	20	16.31	Monitoring Well
MW-22T	04/06/94	38.567603303	-121.523839170	1968887.537	6697807.871	36.58	36.97	40	-3.42	4	24.5	12.08	39.5	-2.92	15	23.5	13.08	20	16.58	Monitoring Well
MW-28T	01/01/95	38.567041746	-121.527504341	1968677.562	6696761.018	15.92	16.29	20**	-4.05	4	--	--	--	--	--	--	--	--	--	Monitoring Well
MW-34T	10/18/01	38.568065811	-121.524918146	1969054.356	6697498.498	15.51	15.99	25	-9.49	2	10	5.51	24.5	-8.99	14.5	8	7.51	5	10.51	Monitoring Well
MW-35T	10/18/01	38.568383956	-121.524725424	1969170.505	6697552.993	15.44	15.73	25	-9.56	2	10	5.44	24.5	-9.06	14.5	8	7.44	5	10.44	Monitoring Well
MW-36T	10/18/01	38.568430423	-121.525129414	1969186.823	6697437.401	15.42	15.70	25	-9.58	2	10	5.42	24.5	-9.08	14.5	8	7.42	5	10.42	Monitoring Well
MW-40T	09/17/07	38.568671299	-121.525347515	1969274.218	6697374.586	15.21	15.63	20	-4.79	2	5.0	10.21	20.0	-4.79	15	4	11.21	3	12.21	Monitoring Well
MW-41T	09/17/07	38.568946469	-121.525089428	1969374.814	6697447.851	16.21	16.34	20	-3.79	2	5.0	11.21	20.0	-3.79	15	4	12.21	3	13.21	Monitoring Well
MW-42T	09/17/07	38.569099367	-121.525856570	1969429.35	6697228.23	16.09	16.31	20	-3.91	2	5.0	11.09	20.0	-3.91	15	4	12.09	3	13.09	Destroyed Nov 22, 2010
MW-43T	09/18/07	38.568822913	-121.526112077	1969328.291	6697155.704	16.13	16.45	20	-3.87	2	5.0	11.13	20.0	-3.87	15	4	12.13	3	13.13	Destroyed Nov 22, 2010
MW-44T	09/19/07	38.567230522	-121.527904450	1968745.715	6696646.264	16.52	16.77	20	-3.48	2	5.0	11.52	20.0	-3.48	15	4	12.52	3	13.52	Destroyed Nov 24, 2010
MW-45T	09/19/07	38.566763736	-121.527963012	1968575.636	6696630.404	16.33	16.55	20	-3.67	2	5.0	11.33	20.0	-3.67	15	4	12.33	3	13.33	Destroyed Nov 24, 2010
MW-46T	09/19/07	38.565962172	-121.527311502	1968284.695	6696818.199	15.75	15.99	20	-4.25	2	5.0	10.75	20.0	-4.25	15	4	11.75	3	12.75	Monitoring Well
MW-49T	12/12/07	38.569220145	-121.524976530	1969474.648	6697479.608	15.71	15.95	20	-4.29	2	5.0	10.71	20.0	-4.29	15	4	11.71	2	13.71	Monitoring Well
P-1	10/12/93	--	--	1969422.8	6697728.1	19.19	19.50	24.5	-5.31	4	8.5	10.69	23.5	-4.31	15	7.5	11.69	6.5	12.69	Piezometer Well
P-2	10/12/93	38.568458969	-121.524490841	1969198.174	6697619.92	19.07	19.36	24	-4.93	4	8.5	10.57	23.5	-4.43	15	7.5	11.57	6.5	12.57	Piezometer Well
P-3	10/12/93	38.568052271	-121.524710087	1969049.736	6697558.01	18.72	18.92	23.5	-4.78	4	8.5	10.22	23	-4.28	14.5	7.5	11.22	6.5	12.22	Piezometer Well
P-4	10/11/93	--	--	1969421.5	6697659.2	15.32	15.55	20	-4.68	4	4	11.32	19	-3.68	15	3	12.32	2	13.32	Piezometer Well
P-5	10/11/93	38.568542696	-121.524645471	1969228.433	6697575.55	15.10	15.41	22	-6.90	4	6	9.10	21	-5.90	15	5	10.10	4	11.10	Piezometer Well
P-6	10/11/93	38.567902416	-121.525023009	1968994.695	6697468.828	16.35	16.64	22	-5.65	4	6	10.35	21	-4.65	15	5	11.35	4	12.35	Piezometer Well
P-7	10/11/93	38.567128475	-121.525455451	1968712.199	6697346.66	15.16	15.71	22	-6.84	4	6	9.16	21	-5.84	15	5	10.16	4	11.16	Piezometer Well
CT-1	06/01/89	38.570684637	-121.523895736	1970009.597	6697785.819	18.42	18.95	18.81	-0.39	2	8.81	9.61	18.81	-0.39	10	7.81	10.61	4.81	13.61	Destroyed Nov 22, 2010
CT-2	06/01/89	38.568786852	-121.524929103	1969316.925	6697493.993	15.79	16.48	15.7	0.09	2	5.7	10.09	15.7	0.09	10	4.7	11.09	1.7	14.09	Monitoring Well

Appendix D
Well Construction Details
Former Tesoro Terminal/TARP Site
1700 and 1701 South River Road
West Sacramento, California

Well	Date	Coordinates				PVC	Ground Surface	Well			Screen					Filter Pack		Bentonite		Comments
		Latitude	Longitude	Northings	Eastings	Elevation	Elevation	Depth		Diameter	Top		Bottom		Length	Top		Top		
I.D.	Installed					(feet, MSL)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(inches)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(feet)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	
CT-3	06/01/89	38.566610390	-121.526115647	1968522.541	6697158.885	15.83	16.47	17.1	-1.27	2	7.1	8.73	17.1	-1.27	10	6.1	9.73	3.1	12.73	Monitoring Well
CT-4	06/01/89	38.565541586	-121.526700324	1968132.438	6696993.743	16.21	16.34	16.75	-0.54	2	6.75	9.46	16.75	-0.54	10	5.75	10.46	2.75	13.46	Destroyed Nov 23, 2010
UP-1	pre 5/90	--	--	1969826.9	6697837.1	17.80	18.01	26**	-8.20	2	--	--	--	--	--	--	--	--	--	Monitoring Well
UP-2	pre 5/90	--	--	1969318.2	6697701.8	20.26	--	24**	-2.15	2	--	--	--	--	--	--	--	--	--	Monitoring Well
UP-3	pre 5/90	--	--	--	--	20.59	--	26.5**	-5.94	--	13**	7.59	24**	-3.41	11	11**	9.59**	9**	11.59**	Monitoring Well
SV-1	07/23/01	38.567335905	-121.525067852	1968788.319	6697457.085	16.55	17.19	20	-3.45	2	5	11.55	19.5	-2.95	14.5	4	12.55	3	13.55	Soil vapor Exraction Well
VE-2	07/24/01	38.567563568	-121.524951704	1968871.318	6697489.921	17.48	18.11	18	-0.52	2	5	12.48	17.5	-0.02	12.5	4	13.48	3	14.48	Soil vapor Exraction Well
VE-3	07/24/01	38.567815059	-121.524816090	1968963.191	6697528.154	18.12	18.75	17.5	0.62	2	5	13.12	17	1.12	12	4	14.12	3	15.12	Soil vapor Exraction Well
VE-4	07/24/01	38.567679435	-121.524889781	1968913.69	6697507.344	18.04	18.64	17.5	0.54	2	5.5	12.54	17	1.04	11.5	5	13.04	4	14.04	Soil vapor Exraction Well
VE-5	07/26/01	38.568003668	-121.524518267	1969032.323	6697612.946	29.68	30.18	30	-0.32	2	10	19.68	29.5	0.18	19.5	9	20.68	7	22.68	Soil vapor Exraction Well
VE-6	07/26/01	38.567874973	-121.524560211	1968985.393	6697601.199	29.77	30.11	30	-0.23	2	10	19.77	29.5	0.27	19.5	9.5	20.27	7.5	22.27	Soil vapor Exraction Well
VE-7	12/12/07	--	--	1969374.3	6697437.681	17.12	17.40	15	2.12	2	5	12.12	15	2.12	10	4	13.12	2	15.12	Soil vapor Exraction Well
VE-8	12/12/07	38.568639992	-121.525208326	1969263.025	6697414.44	16.04	15.77	15	1.04	2	5	11.04	15	1.04	10	4	12.04	2	14.04	Soil vapor Exraction Well
VE-9	12/12/07	38.568759515	-121.525151154	1969306.638	6697430.559	17.24	16.70	15	2.24	2	5	12.24	15	2.24	10	4	13.24	2	15.24	Soil vapor Exraction Well
VE-10	12/12/07	38.568896702	-121.525068289	1969356.722	6697453.989	17.26	16.65	15	2.26	2	5	12.26	15	2.26	10	4	13.26	2	15.26	Soil vapor Exraction Well
VE-11	06/16/08	38.568983530	-121.524981242	1969388.472	6697478.711	17.16	16.42	15	2.16	2	5	12.16	15	2.16	10	4	13.16	3	14.16	Soil vapor Exraction Well
VE-12	06/12/08	38.569098236	-121.524903755	1969430.361	6697500.647	16.84	16.00	15	1.84	2	5	11.84	15	1.84	10	4	12.84	3	13.84	Soil vapor Exraction Well
VE-13	06/17/08	38.568684334	-121.525365705	1969278.938	6697369.36	16.54	15.64	15	1.54	2	5	11.54	15	1.54	10	4	12.54	3	13.54	Soil vapor Exraction Well
VE-14	06/12/08	38.568799749	-121.525278659	1969321.099	6697394.028	17.26	16.44	15	2.26	2	5	12.26	15	2.26	10	4	13.26	3	14.26	Soil vapor Exraction Well
VE-15	06/16/08	38.569033395	-121.525123551	1969406.419	6697437.93	16.26	16.05	15	1.26	2	5	11.26	15	1.26	10	4	12.26	3	13.26	Soil vapor Exraction Well
VE-16	06/11/08	38.569148212	-121.525048047	1969448.345	6697459.298	16.81	16.13	15	1.81	2	5	11.81	15	1.81	10	4	12.81	3	13.81	Soil vapor Exraction Well
AS-1	07/23/01	38.567361368	-121.525037481	1968797.637	6697465.72	17.03	17.37	17.5	-0.47	2	15.5	1.53	17	0.03	1.5	14	3.03	12	5.03	Air Sparge Well
AS-2	07/23/01	38.567450750	-121.524979011	1968830.275	6697482.267	16.59	17.69	17	-0.41	2	15	1.59	16.5	0.09	1.5	14.5	2.09	11.5	5.09	Air Sparge Well
AS-3	07/24/01	38.567546591	-121.524925990	1968865.257	6697497.244	17.51	18.20	18	-0.49	2	15	2.51	17	0.51	2	14.5	3.01	11.5	6.01	Air Sparge Well
AS-4	07/24/01	38.567650704	-121.524870693	1968903.255	6697512.856	18.25	18.61	17	1.25	2	14	4.25	16	2.25	2	13.5	4.75	10.5	7.75	Air Sparge Well
AS-5	07/24/01	38.567752976	-121.524819283	1968940.577	6697527.36	18.29	18.75	18	0.29	2	16	2.29	17.5	0.79	1.5	15.5	2.79	12.5	5.79	Air Sparge Well
AS-6	07/24/01	38.567808706	-121.524793209	1968960.912	6697534.708	18.49	18.74	18	0.49	2	15	3.49	17	1.49	2	14.5	3.99	11.5	6.99	Air Sparge Well
AS-7	07/26/01	38.567956607	-121.524543420	1969015.147	6697605.844	29.84	30.07	30	-0.16	2	27.5	2.34	29.5	0.34	2	27	2.84	24	5.84	Air Sparge Well
AS-8	07/26/01	38.568181331	-121.524232087	1969097.452	6697694.429	30.17	30.49	30	0.17	2	27.5	2.67	29.5	0.67	2	27	3.17	24	6.17	Air Sparge Well
AS-9	07/27/01	38.567752145	-121.524556448	1968940.668	6697602.509	30.24	30.58	30	0.24	2	27.5	2.74	29.5	0.74	2	27	3.24	24	6.24	Air Sparge Well
AS-10	07/30/01	38.567791684	-121.524438185	1968955.244	6697636.246	30.92	31.26	30	0.92	2	27.5	3.42	29.5	1.42	2	27	3.92	24	6.92	Air Sparge Well
AS-11	07/30/01	38.568083728	-121.524539176	1969061.448	6697606.815	29.89	30.17	30	-0.11	2	27.5	2.39	29.5	0.39	2	27	2.89	24	5.89	Air Sparge Well
AS-12	07/30/01	38.568223514	-121.524462292	1969112.47	6697628.531	29.92	30.20	30	-0.08	2	27.5	2.42	29.5	0.42	2	27	2.92	24	5.92	Air Sparge Well
AS-13	07/31/01	38.568309389	-121.524352822	1969143.907	6697659.666	29.53	29.80	30	-0.47	2	27.5	2.03	29.5	0.03	2	27	2.53	24	5.53	Air Sparge Well
OS-1	06/11/08	38.568384300	-121.525197694	1969169.924	6697417.967	17.04	16.32	20	-2.96	2	18	-0.96	20	-2.96	2	17	0.04	15	2.04	Oxygen Sparge Well
OS-2	06/11/08	38.568450252	-121.525185612	1969193.96	6697421.296	16.98	16.29	20	-3.03	2	18	-1.03	20	-3.03	2	17	-0.02	15	1.98	Oxygen Sparge Well
OS-3	06/17/08	38.568534336	-121.525158506	1969224.622	6697428.885	16.75	16.15	20	-3.25	2	18	-1.25	20	-3.25	2	17	-0.25	15	1.75	Oxygen Sparge Well
OS-4	06/16/08	38.568564464	-121.525172771	1969235.573	6697424.75	15.53	15.93	20	-4.48	2	18	-2.48	20	-4.48	2	17	-1.48	15	0.53	Oxygen Sparge Well
OS-5	06/16/08	38.568618170	-121.525122455	1969255.206	6697439.033	16.04	16.24	20	-3.96	2	18	-1.96	20	-3.96	2	17	-0.96	15	1.04	Oxygen Sparge Well
OS-6	06/16/08	38.568693893	-121.525070428	1969282.86	6697453.764	17.62	16.79	20	-2.38	2	18	-0.38	20	-2.38	2	17	0.62	15	2.62	Oxygen Sparge Well
OS-7	06/13/08	38.568792430	-121.525012779	1969318.831	6697470.059	17.18	16.82	20	-2.82	2	18	-0.82	20	-2.82	2	17	0.18	15	2.18	Oxygen Sparge Well
OS-8	06/13/08	38.568857492	-121.524980294	1969342.574	6697479.222	17.14	16.55	20	-2.86	2	18	-0.86	20	-2.86	2	17	0.14	15	2.14	Oxygen Sparge Well
OS-9	06/16/08	38.568940275	-121.524912488	1969372.822	6697498.451	16.74	16.01	20	-3.26	2	18	-1.26	20	-3.26	2	17	-0.26	15	1.74	Oxygen Sparge Well
OS-10	06/16/08	38.569014924	-121.524884435	1969400.05	6697506.329	17.00	16.16	20	-3.00	2	18	-1.00	20	-3.00	2	17	0.00	15	2.00	Oxygen Sparge Well
OS-11	06/12/08	38.569077230	-121.524824542	1969422.83	6697523.334	17.19	16.07	20	-2.81	2	18	-0.81	20	-2.81	2	17	0.19	15	2.19	Oxygen Sparge Well

Appendix D
Well Construction Details
Former Tesoro Terminal/TARP Site
1700 and 1701 South River Road
West Sacramento, California

Well	Date	Coordinates				PVC	Ground Surface	Well			Screen					Filter Pack		Bentonite		Comments
		Latitude	Longitude	Northings	Eastings	Elevation	Elevation	Depth		Diameter	Top		Bottom		Length	Top		Top		
I.D.	Installed					(feet, MSL)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(inches)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(feet)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	
OS-12	06/20/08	38.568621947	-121.525343906	1969256.251	6697375.711	15.28	16.89	20	-4.72	2	18	-2.72	20	-4.72	2	17	-1.72	15	0.28	Oxygen Sparge Well
OS-13	06/13/08	38.568672088	-121.525308316	1969274.564	6697385.792	16.02	17.34	20	-3.98	2	18	-1.98	20	-3.98	2	17	-0.98	15	1.02	Oxygen Sparge Well
OS-14	06/12/08	38.568750634	-121.525258062	1969303.244	6697400.01	17.32	16.65	20	-2.68	2	18	-0.68	20	-2.68	2	17	0.32	15	2.32	Oxygen Sparge Well
OS-15	06/11/08	38.568836649	-121.525197730	1969334.658	6697417.096	17.55	16.58	20	-2.45	2	18	-0.45	20	-2.45	2	17	0.55	15	2.55	Oxygen Sparge Well
OS-16	06/11/08	38.568910696	-121.525143703	1969361.705	6697432.401	17.04	16.42	20	-2.96	2	18	-0.96	20	-2.96	2	17	0.04	15	2.04	Oxygen Sparge Well
OS-17	06/13/08	38.568978128	-121.525093239	1969386.337	6697446.701	17.04	16.40	20	-2.96	2	18	-0.96	20	-2.96	2	17	0.04	15	2.04	Oxygen Sparge Well
OS-18	06/13/08	38.569070477	-121.525035339	1969420.055	6697463.079	17.11	16.31	20	-2.89	2	18	-0.89	20	-2.89	2	17	0.11	15	2.11	Oxygen Sparge Well
OS-19	06/12/08	38.569132328	-121.524993029	1969442.643	6697475.058	16.90	16.05	20	-3.10	2	18	-1.10	20	-3.10	2	17	-0.10	15	1.90	Oxygen Sparge Well
OS-20	12/21/09	38.567587163	-121.525164193	1968879.677	6697429.062	--	16.71	15.5	--	1	14	--	15.5	--	1.5	13	--	11	--	Oxygen Sparge Well
OS-21	12/18/09	38.567636827	-121.525135289	1968897.807	6697437.231	--	17.06	16	--	1	14.5	--	16	--	1.5	13.5	--	11	--	Oxygen Sparge Well
OS-22	12/18/09	38.567688341	-121.525113648	1968916.599	6697443.321	--	17.11	15	--	1	13.5	--	15	--	1.5	12.5	--	10.5	--	Oxygen Sparge Well
OS-23	12/18/09	38.567737138	-121.525086908	1968934.41	6697450.873	--	16.47	16.5	--	1	15	--	16.5	--	1.5	14	--	12	--	Oxygen Sparge Well
OS-24	12/21/09	38.567787564	-121.525058163	1968952.816	6697458.995	--	17.06	15	--	1	13.5	--	15	--	1.5	12.5	--	10.5	--	Oxygen Sparge Well
OS-25	12/18/09	38.567838572	-121.525033071	1968971.43	6697466.073	--	17.23	14	--	1	12.5	--	14	--	1.5	12	--	10	--	Oxygen Sparge Well
OS-26	12/22/09	38.567891941	-121.525003474	1968990.91	6697474.433	--	17.12	15	--	1	13.5	--	15	--	1.5	12.5	--	10.5	--	Oxygen Sparge Well
OS-27	12/22/09	38.567944793	-121.524977921	1969010.195	6697481.638	--	16.29	15	--	1	13.5	--	15	--	1.5	13	--	11	--	Oxygen Sparge Well
OS-28	12/21/09	38.567993939	-121.524949523	1969028.135	6697489.664	--	16.41	13.5	--	1	12	--	13.5	--	1.5	11	--	9	--	Oxygen Sparge Well
OS-29	12/22/09	38.568055771	-121.524905813	1969050.718	6697502.043	--	16.35	15	--	1	13.5	--	15	--	1.5	13	--	11	--	Oxygen Sparge Well
OS-30	12/23/09	38.568100736	-121.524887853	1969067.12	6697507.093	--	16.28	15	--	1	13.5	--	15	--	1.5	13	--	11	--	Oxygen Sparge Well
OS-31	12/23/09	38.568153318	-121.524859886	1969086.311	6697514.988	--	16.60	15.75	--	1	14.25	--	15.75	--	1.5	13.5	--	11.5	--	Oxygen Sparge Well
OS-32	12/23/09	38.568205388	-121.524831615	1969105.316	6697522.972	--	16.82	14.5	--	1	13	--	14.5	--	1.5	12.5	--	10.5	--	Oxygen Sparge Well
OS-33	12/21/09	38.568256544	-121.524805605	1969123.985	6697530.312	--	16.81	17.5	--	1	16	--	17.5	--	1.5	15	--	13	--	Oxygen Sparge Well
OS-34	12/15/09	38.568273730	-121.524407465	1969130.839	6697644.111	--	30.09	28.5	--	1	27	--	28.5	--	1.5	26	--	24	--	Oxygen Sparge Well
OS-35	12/16/09	38.567896930	-121.524562404	1968993.386	6697600.53	--	30.09	29	--	1	27.5	--	29	--	1.5	26.5	--	24.5	--	Oxygen Sparge Well
OS-36	12/15/09	38.567815818	-121.524556439	1968963.856	6697602.39	--	30.12	29	--	1	27.5	--	29	--	1.5	26.5	--	24.5	--	Oxygen Sparge Well
OS-37	12/14/09	38.567669907	-121.524583540	1968910.678	6697594.92	--	30.71	29.5	--	1	28	--	29.5	--	1.5	27	--	24.5	--	Oxygen Sparge Well
OS-38	12/14/09	38.567628699	-121.524534759	1968895.744	6697608.945	--	31.61	31.5	--	1	30	--	31.5	--	1.5	29	--	27.5	--	Oxygen Sparge Well
OS-39	12/17/09	38.567590473	-121.524482440	1968881.901	6697623.977	--	32.60	29	--	1	27.5	--	29	--	1.5	26.5	--	24.5	--	Oxygen Sparge Well
ROW-1S	05/25/10	38.567737708	-121.525104208	1968934.591	6697445.925	16.38	16.84	17	-0.16	2	8.5	8.34	13.5	3.34	5	7.5	9.34	6.5	10.34	Remedial Observation
ROW-1D	05/25/10	38.567738419	-121.525104269	1968934.85	6697445.907	16.33	16.84	17	-0.16	2	15	1.84	17	-0.16	2	14.5	2.34	13.5	3.34	Remedial Observation
ROW-2S	05/25/10	38.567736011	-121.525120489	1968933.949	6697441.274	16.16	16.63	17	-0.37	2	8.5	8.13	13.5	3.13	5	7.5	9.13	6.5	10.13	Remedial Observation
ROW-2D	05/25/10	38.567736819	-121.525120553	1968934.243	6697441.254	16.13	16.63	17	-0.37	2	15	1.63	17	-0.37	2	14.5	2.13	13.5	3.13	Remedial Observation
ROW-3S	05/24/10	38.567752570	-121.525087407	1968940.029	6697450.701	16.57	17.03	17	-0.43	2	8.5	8.07	13.5	3.07	5	7.5	9.07	6.5	10.07	Remedial Observation
ROW-3D	05/24/10	38.567753381	-121.525087236	1968940.324	6697450.748	16.52	17.03	17	-0.48	2	15	1.52	17	-0.48	2	14.5	2.02	13.5	3.02	Remedial Observation
ROW-4S	05/24/10	38.567765210	-121.525084840	1968944.636	6697451.411	16.39	16.83	17	-0.61	2	8.5	7.89	13.5	2.89	5	7.5	8.89	6.5	9.89	Remedial Observation
ROW-4D	05/24/10	38.567765714	-121.525084439	1968944.82	6697451.524	16.39	16.83	17	-0.61	2	15	1.39	17	-0.61	2	14.5	1.89	13.5	2.89	Remedial Observation
ROW-5	05/26/10	38.567991992	-121.524965883	1969027.402	6697484.99	15.55	16.15	14	1.55	2	12	3.55	14	1.55	2	11	4.55	9	6.55	Remedial Observation
ROW-6	05/26/10	38.567989229	-121.524983964	1969026.368	6697479.826	15.50	16.09	14	1.50	2	12	3.50	14	1.50	2	11	4.50	9	6.50	Remedial Observation
ROW-7	05/26/10	38.567981873	-121.524946292	1969023.746	6697490.611	15.93	16.44	14	1.93	2	12	3.93	14	1.93	2	11	4.93	9	6.93	Remedial Observation
ROW-8	05/26/10	38.567968468	-121.524942286	1969018.87	6697491.781	16.15	16.58	14	2.15	2	12	4.15	14	2.15	2	11	5.15	9	7.15	Remedial Observation
ROW-9S	05/25/10	38.568151948	-121.524878024	1969085.785	6697509.805	15.80	16.33	16.3	-0.50	2	7.75	8.05	12.75	3.05	5	6.75	9.05	5.75	10.05	Remedial Observation
ROW-9D	05/25/10	38.568152946	-121.524877326	1969086.15	6697510.003	15.71	16.33	16.3	-0.59	2	14.25	1.46	16.25	-0.54	2	13.75	1.96	12.75	2.96	Remedial Observation
ROW-10S	05/25/10	38.568148874	-121.524894926	1969084.64	6697504.979	15.90	16.27	16.3	-0.40	2	7.75	8.15	12.75	3.15	5	6.75	9.15	5.75	10.15	Remedial Observation
ROW-10D	05/25/10	38.568149775	-121.524894009	1969084.97	6697505.239	15.77	16.27	16.3	-0.53	2	14.25	1.52	16.25	-0.48	2	13.75	2.02	12.75	3.02	Remedial Observation
ROW-11S	05/24/10	38.568165204	-121.524859579	1969090.64	6697515.054	15.89	16.33	16.3	-0.41	2	7.75	8.14	12.75	3.14	5	6.75	9.14	5.75	10.14	Remedial Observation

Appendix D
Well Construction Details
Former Tesoro Terminal/TARP Site
1700 and 1701 South River Road
West Sacramento, California

Well	Date	Coordinates				PVC	Ground Surface	Well			Screen					Filter Pack		Bentonite		Comments
		Latitude	Longitude	Northings	Eastings	Elevation	Elevation	Depth		Diameter	Top		Bottom		Length	Top		Top		
I.D.	Installed					(feet, MSL)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(inches)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(feet)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	
ROW-11D	05/24/10	38.568166059	-121.524858878	1969090.953	6697515.253	15.75	16.33	16.3	-0.55	2	14.25	1.50	16.25	-0.50	2	13.75	2.00	12.75	3.00	Remedial Observation
ROW-12S	05/24/10	38.568179051	-121.524859355	1969095.683	6697515.091	15.73	16.25	16.3	-0.57	2	7.75	7.98	12.75	2.98	5	6.75	8.98	5.75	9.98	Remedial Observation
ROW-12D	05/24/10	38.568180122	-121.524859343	1969096.073	6697515.093	15.61	16.25	16.3	-0.69	2	14.25	1.36	16.25	-0.64	2	13.75	1.86	12.75	2.86	Remedial Observation
TARP Facility A Zone Wells																				
MW-1A	09/30/88	38.569001668	-121.522377905	1969398.979	6698222.987	37.48	37.64	60.4	-22.92	4	30.3	7.18	59.8	-22.32	29.5	25	12.48	22	15.48	Monitoring Well
MW-2A	09/30/88	38.568828126	-121.521731544	1969336.751	6698408.118	36.45	36.97	55.2	-18.75	4	25.5	10.95	54.9	-18.45	29.4	19.5	16.95	14	22.45	Monitoring Well
MW-3A	10/01/88	38.568333684	-121.521563585	1969156.941	6698457.087	35.55	35.97	54.4	-18.85	4	24.3	11.25	53.8	-18.25	29.5	19	16.55	16	19.55	Monitoring Well
MW-4A	10/02/88	38.568013357	-121.522204420	1969039.321	6698274.48	37.86	38.01	50.2	-12.34	4	20.7	17.16	50.1	-12.24	29.4	15	22.86	12	25.86	Monitoring Well
MW-5A	10/01/88	--	--	1968788.9	6697170.0	39.16	--	51	-11.84	4	20.5	18.66	50.2	-11.04	29.7	16	23.16	14	25.16	Well Destroyed 3Q02
MW-6A	10/01/88	38.568532621	-121.522945136	1969227.312	6698061.709	36.32	36.78	50.5	-14.18	4	20.5	15.82	50.5	-14.18	30	16	20.32	15	21.32	Monitoring Well
MW-7A	06/07/89	38.567420628	-121.522141086	1968823.56	6698293.722	37.14	38.73	44.39	-7.25	4	24.21	12.93	43.67	-6.53	19.46	18	19.14	16	21.14	Monitoring Well
MW-8A	06/08/89	38.567873646	-121.523516206	1968986.473	6697899.693	36.47	37.44	40	-3.53	4	19.87	16.60	39.31	-2.84	19.44	15	21.47	13.5	22.97	Monitoring Well
MW-9A	06/08/89	38.567673575	-121.523177119	1968914.121	6697997.024	38.84	39.90	39.81	-0.97	4	19.65	19.19	39.08	-0.24	19.43	16	22.84	14	24.84	Monitoring Well
MW-10A	06/09/89	38.567449357	-121.523138585	1968832.524	6698008.47	37.96	38.89	40	-2.04	4	19.79	18.17	39.25	-1.29	19.46	15	22.96	13.5	24.46	Monitoring Well
MW-11A	06/10/89	38.567712354	-121.523298423	1968928.061	6697962.268	37.64	38.85	40.31	-2.67	4	20.14	17.50	39.58	-1.94	19.44	15	22.64	13	24.64	Monitoring Well
MW-12A	01/23/90	38.567685973	-121.523049179	1968918.828	6698033.58	37.92	38.56	41.5	-3.58	2	21.62	16.30	40.56	-2.64	18.94	19	18.92	15	22.92	Monitoring Well
MW-13A	08/28/90	38.568022845	-121.523388516	1969040.999	6697935.917	36.40	37.52	40.54	-4.14	4	26.12	10.28	39.98	-3.58	13.86	20	16.40	18.5	17.90	Monitoring Well
MW-14A	08/31/90	38.567542096	-121.523745687	1968865.387	6697834.715	35.88	36.89	40.41	-4.53	4	25.83	10.05	39.8	-3.92	13.97	20	15.88	18	17.88	Monitoring Well
MW-15A	08/31/90	--	--	1968779.5	6697998.2	39.09	40.48	40.19	-1.10	4	25.74	13.35	39.71	-0.62	13.97	21	18.09	19.5	19.59	Monitoring Well
MW-16A	08/28/90	38.567301805	-121.523011348	1968778.98	6698045.131	38.49	39.01	39.45	-0.96	4	25.02	13.47	38.98	-0.49	13.96	20	18.49	18.5	19.99	Monitoring Well
MW-17A	08/28/90	38.567289517	-121.523555744	1968773.688	6697889.504	38.29	38.83	36.43	-1.89	4	21.46	16.83	35.44	2.85	13.98	20	18.29	19	19.29	Monitoring Well
MW-18A	07/06/92	38.567231461	-121.523715459	1968752.307	6697843.951	36.96	38.08	39	-2.04	4	25	11.96	39	-2.04	14	24	12.96	21.5	15.46	Monitoring Well
MW-19A	07/06/92	38.567129656	-121.523107688	1968716.143	6698017.915	39.62	39.87	44.5	-4.88	4	30	9.62	44	-4.38	14	29	10.62	25.5	14.12	Monitoring Well
MW-20A	12/07/93	38.566749183	-121.523077251	1968577.63	6698027.345	39.36	39.73	42.7	-3.34	4	28	11.36	42	-2.64	14	27	12.36	24.5	14.86	Monitoring Well
MW-20T	04/05/94	38.567395510	-121.523764513	1968811.976	6697829.612	36.22	37.27	37.5	-1.28	4	22.5	13.72	37.5	-1.28	15	21.5	14.72	19	17.22	Monitoring Well
MW-21A	12/08/93	38.566495999	-121.523676998	1968484.527	6697856.351	37.94	38.22	42	-4.06	4	28	9.94	42	-4.06	14	27	10.94	24.5	13.44	Monitoring Well
MW-22A	12/09/93	38.566602376	-121.522779831	1968524.613	6698112.662	38.89	39.23	40.6	-1.71	4	26	12.89	40	-1.11	14	26	12.89	23.5	15.39	Monitoring Well
MW-23A	12/10/93	38.566585139	-121.522296958	1968519.061	6698250.756	38.48	38.74	41.7	-3.22	4	26.8	11.68	40.8	-2.32	14	26.8	11.68	23.8	14.68	Monitoring Well
MW-24A	12/10/93	38.566252126	-121.523000288	1968396.73	6698050.299	40.71	40.93	43.3	-2.59	4	28.5	12.21	42.5	-1.79	14	28	12.71	25	15.71	Monitoring Well
MW-26T	09/21/94	38.567943096	-121.522588471	1969013.157	6698164.81	37.96	38.39	41	-3.04	4	25.5	12.46	40.5	-2.54	15	23.5	14.46	21	16.96	Monitoring Well
MW-27T	09/21/94	38.567759648	-121.522021876	1968947.201	6698327.157	38.22	38.96	41.5	-3.28	4	26.5	11.72	41.5	-3.28	15	24	14.22	21	17.22	Monitoring Well
DPE-1	04/12/02	38.567987179	-121.523229024	1969028.249	6697981.585	37.12	38.26	39.5	-2.38	4	9	28.12	39	-1.88	30	7	30.12	4.5	32.62	DPE Well ^
DPE-2	04/13/02	38.567797442	-121.523505648	1968958.737	6697902.858	36.89	37.96	39.5	-2.61	4	9	27.89	39	-2.11	30	7	29.89	4.5	32.39	DPE Well ^
DPE-3	04/10/02	38.567676773	-121.523444086	1968914.885	6697920.689	37.19	38.38	39.5	-2.31	4	9	28.19	39	-1.81	30	7	30.19	4.5	32.69	DPE Well ^
DPE-4	04/09/02	38.567616859	-121.523519322	1968892.953	6697899.293	37.11	38.15	40	-2.89	4	9.5	27.61	39.5	-2.39	30	7	30.11	4.5	32.61	DPE Well ^
DPE-5	04/12/02	38.567599515	-121.523348360	1968886.893	6697948.206	37.56	38.66	39.5	-1.94	4	9	28.56	39	-1.44	30	7	30.56	4.5	33.06	DPE Well ^
DPE-6	04/11/02	38.567587601	-121.523191788	1968882.789	6697992.995	37.78	38.54	39.5	-1.72	4	9	28.78	39	-1.22	30	7	30.78	4.5	33.28	DPE Well
DPE-7	04/11/02	38.567520740	-121.523116253	1968858.553	6698014.719	38.11	38.78	40	-1.89	4	9.5	28.61	39.5	-1.39	30	7	31.11	4.5	33.61	DPE Well ^
DPE-8	04/11/02	38.567425422	-121.523689681	1968822.981	6697850.951	36.72	37.78	39.5	-2.78	4	9	27.72	39	-2.28	30	7	29.72	4.5	32.22	DPE Well ^
DPE-9	04/09/02	38.567571571	-121.523687569	1968876.208	6697851.276	36.16	37.17	39.5	-3.34	4	9	27.16	39	-2.84	30	7	29.16	4.5	31.66	DPE Well ^
GWE-1	11/01/04	38.568724249	-121.521171897	1969299.764	6698568.324	34.35	34.69	45	-10.65	4	15	19.35	45	-10.65	30	13	21.35	10	24.35	Groundwater Extraction Well
GWE-2	11/01/04	38.568313891	-121.521117013	1969150.405	6698584.803	33.78	34.16	45	-11.22	4	15	18.78	45	-11.22	30	13	20.78	10	23.78	Groundwater Extraction Well
GWE-3	11/02/04	38.568048832	-121.521307980	1969053.589	6698530.713	35.11	35.46	45	-9.89	4	15	20.11	45	-9.89	30	13	22.11	10	25.11	Groundwater Extraction Well
GWE-4	11/02/04	38.567860044	-121.521475631	1968984.585	6698483.142	36.38	36.83	45	-8.62	4	15	21.38	45	-8.62	30	13	23.38	10	26.38	Groundwater Extraction Well
GWE-5	11/03/04	38.567678663	-121.521598871	1968918.345	6698448.254	37.88	38.51	45	-7.12	4	15	22.88	45	-7.12	30	13	24.88	10	27.88	Groundwater Extraction Well

Appendix D
Well Construction Details
Former Tesoro Terminal/TARP Site
1700 and 1701 South River Road
West Sacramento, California

Well I.D.	Date Installed	Coordinates				PVC Elevation	Ground Surface Elevation	Well			Screen					Filter Pack		Bentonite		Comments
		Latitude	Longitude	Northings	Eastings			Depth		Diameter	Top		Bottom		Length	Top		Top		
						(feet, MSL)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(inches)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	(feet)	(feet, bgs)	(feet, MSL)	(feet, bgs)	(feet, MSL)	
GWE-6	11/03/04	38.567410048	-121.521799735	1968820.22	6698391.339	39.64	40.08	45	-5.36	4	15	24.64	45	-5.36	30	13	26.64	10	29.64	Groundwater Extraction Well
GWE-7	11/04/04	38.567212451	-121.522003837	1968747.953	6698333.362	37.46	38.14	40	-2.54	4	15	22.46	40	-2.54	25	13	24.46	10	27.46	Groundwater Extraction Well
GWE-8	11/04/04	38.567050973	-121.521992689	1968689.163	6698336.859	37.72	38.18	40	-2.28	4	15	22.72	40	-2.28	25	13	24.72	10	27.72	Groundwater Extraction Well
Former Tesoro Terminal B Zone Wells																				
MW-23T	08/16/94	38.568174660	-121.523804138	1969095.663	6697816.796	33.84	31.48	57.5	-23.66	4	47	-13.16	57	-23.16	10	46.5	-12.66	41.5	-7.66	Monitoring Well
MW-24T	08/19/94	38.567435667	-121.524159768	1968826.008	6697716.528	36.02	36.46	65.5	-29.48	4	55	-18.98	65	-28.98	10	53	-16.98	51	-14.98	Monitoring Well
MW-25T	08/18/95	38.568275173	-121.524324352	1969131.489	6697667.871	29.93	30.15	59.5	-29.57	4	49	-19.07	59	-29.07	10	47	-17.07	45	-15.07	Monitoring Well
MW-29T	01/10/96	38.569772548	-121.524670723	1969676.277	6697565.988	15.24	15.46	50.5	-35.26	4	40	-24.76	50	-34.76	10	39	-23.76	37	-21.76	Destroyed Nov 23, 2010
MW-30T	01/09/96	38.568474234	-121.526173586	1969201.22	6697138.78	15.93	16.26	40.5	-24.57	4	30	-14.07	40	-24.07	10	29	-13.07	27	-11.07	Monitoring Well
MW-31T	01/11/96	38.566759755	-121.527093994	1968575.479	6696878.877	15.62	16.10	41.5	-25.88	4	31	-15.38	41	-25.38	10	29	-13.38	27	-11.38	Monitoring Well
MW-32T	01/12/96	38.566022256	-121.526992568	1968307.051	6696909.274	15.45	15.70	40.5	-25.05	4	30	-14.55	40	-24.55	10	28	-12.55	26	-10.55	Destroyed Nov 29, 2010
MW-33T	01/15/96	--	--	1968861.1	6697440.6	16.78	16.95	41.5	-24.72	4	31	-14.22	41	-24.22	10	30	-13.22	28	-11.22	Destroyed 2001
MW-33R	07/27/01	38.567493956	-121.525190514	1968845.694	6697421.713	15.94	16.30	45	-29.06	2	40	-24.06	44.5	-28.56	4.5	39.5	-23.56	36.5	-20.56	Replacement Monitoring Well
MW-37T	01/28/03	38.566549154	-121.525743376	1968500.795	6697265.439	15.16	15.56	40	-24.84	2	35	-19.84	40	-24.84	5	33	-17.84	27.5	-12.34	Monitoring Well
MW-38T	11/04/03	38.568715758	-121.524574600	1969291.564	6697595.483	15.37	15.45	46	-30.63	2	41	-25.63	46	-30.63	5	39	-23.63	36	-20.63	Monitoring Well
MW-39T	11/03/03	38.565861424	-121.526115449	1968249.786	6697160.363	15.85	16.24	40	-24.15	2	35	-19.15	40	-24.15	5	33	-17.15	30	-14.15	Destroyed Nov 24, 2010
MW-47T	09/18/07	38.565090337	-121.526504145	1967968.396	6697050.691	17.68	17.95	40	-22.32	2	30	-12.32	40	-22.32	10	28	-10.32	26	-8.32	Destroyed Nov 24, 2010
MW-48T	09/18/07	38.568332862	-121.527819074	1969147.287	6696668.589	16.01	16.37	40	-23.99	2	30	-13.99	40	-23.99	10	28	-11.99	26	-9.99	Destroyed Nov 29, 2010
MW-50T	06/10/08	38.566984890	-121.524137044	1968661.88	6697723.884	37.50	37.78	60	-22.50	2	50	-12.50	60	-22.50	10	49	-11.50	47	-9.50	Monitoring Well
TARP Facility B Zone Wells																				
MW-1B	10/05/93	38.568998590	-121.522392588	1969397.836	6698218.795	37.25	37.45	80.1	-42.85	4	65.4	-28.15	79.4	-42.15	14	65	-27.75	63	-25.75	Monitoring Well
MW-3B	10/07/93	38.568326318	-121.521576924	1969154.238	6698453.287	35.54	36.06	79	-43.46	4	65	-29.46	79	-43.46	14	64.5	-28.96	60.5	-24.96	Monitoring Well
MW-7B	10/11/93	38.567419902	-121.522155174	1968823.274	6698289.696	38.44	38.86	79.6	-41.16	4	65.2	-26.76	79.2	-40.76	14	63	-24.56	59	-20.56	Monitoring Well
MW-8B	10/19/93	38.567882604	-121.523507832	1968989.748	6697902.071	37.15	37.53	74.5	-37.35	4	60	-22.85	74	-36.85	14	59.5	-22.35	55	-17.85	Monitoring Well
MW-22B	12/14/93	38.566597714	-121.522758033	1968522.948	6698118.903	39.01	39.22	60.5	-21.49	4	50.8	-11.79	59.8	-20.79	9	48	-8.99	45	-5.99	Monitoring Well
MW-23B	12/13/93	38.566584762	-121.522313384	1968518.899	6698246.06	38.52	38.75	60.4	-21.88	4	50.6	-12.08	59.6	-21.08	9	48.5	-9.98	46.5	-7.98	Monitoring Well
MW-24B	12/14/93	38.566271406	-121.522995296	1968403.759	6698051.69	40.44	40.82	65.5	-25.06	4	55.8	-15.36	64.8	-24.36	9	54	-13.56	51	-10.56	Monitoring Well

Notes:

MSL = Mean Sea Level

bgs = below ground surface

-- = Historical logs or survey data unavailable.

^ = Well logs not created. Filter pack and bentonite seal based on construction of DPE-6.

* = Well construction detail not included on boring log

** = Logs unavailable; well data inferred from historical cross-section or quarterly reports. Filter pack and bentonite were estimated to be two feet in thickness.