DESERT PETROLEUM, INC.

September 28, 2012

Mr. Ralph Lambert
California EPA
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA. 94612
(530) 622-2382
email ralambert@waterboards.ca.gov

RE: The following report documents the "Update Status of the groundwater pumping from wells RS05 and T1" along with the semiannual monitor well samples and current depth to water measurements of this sites monitor wells, Former Desert Petroleum Site DP793, 4035 Park Blvd., Oakland, California 94602.

Dear Mr. Hill:

I have reviewed the enclosed report that I contracted Western Geo-Engineers to prepare.

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

Sincerely,

William Thompson, Desert Petroleum, Inc. — Date 10/3/12

3781 TELEGRAPH ROAD, VENTURA, CALIFORNIA 93003 (805) 654-8084 FAX (805) 654-0720

SEPTEMBER 2012
QUARTERLY UPDATE STATUS REPORT

FORMER DESERT SITE DP 793
4035 PARK BLVD.
OAKLAND, CA.

FOR

DESERT PETROLEUM

September 24, 2012

BY

-WEGE-
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Mr. Bill Thompson
Desert Petroleum
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September 24, 2012

Dear Mr. Thompson:

The following report documents the Third Quarter 2012 update status of the pump and treatment system and the semiannual sampling of the monitor wells associated with DP793, 4035 Park Blvd., Oakland, California.

TABLE OF CONTENTS

List of Tables

List of Figures

Appendices

1.0 SITE LOCATION AND IDENTIFICATION NUMBERS

Former Desert Petroleum #793 is a non-active service station (USTs and associated piping removed June 23, 1994), located on the northwest corner of the intersection of Park Boulevard and Hampel Street at 4035 Park Blvd., Oakland, California (Figure 1). The site is located in projected section 32; T1S; R3W; MDB&M at an approximate elevation of 210 feet above mean sea level (Figure 2).

East Bay Municipal Utility District - Sewer Discharge Permit #50435501,
Alameda County Local Oversight STID 1248
San Francisco Bay Regional Board (Region 2) Case # 01-0170
Facility/Leak Site ID# T0600100158

2.0 LOCAL GEOLOGY

2.1 GEOMORPHOLOGY

The site is located on the western slope of the Berkeley Hills. The Berkeley Hills are a northwest-southeast trending range within the Coastal Range Province of California. Erosion of the Coastal Ranges has filled the valleys within and bordering the Coastal Range with sequences of gravels, silts, sands, and clays.

2.2 STRATIGRAPHY

STATION PROPERTY

The native soil from surface to 13 feet below ground surface (BGS) consists of dark brown silty clay. The dark brown clay is underlain by light brown stiff clay that includes subrounded to rounded metavolcanic gravel. This clay extends to approximately 23 feet BGS at the northwest corner of the site. A fine to medium sand, clayey sand, and silty sand underlies the gravel and clay.

BACKYARD SEWER LATERAL ROUTE

Assessments performed along the sewer lateral as it leaves the site and routes through the residential area towards Brighton Avenue show the subsurface to consist of fill from a couple of inches thick to two feet thick. Beneath the fill is a sequence of clay formations that vary from light brown to dark gray to approximately the 6 foot depth. Silty clay then extends to approximately the 14-foot depth. Beneath the silty clay is sand with occasional gravel. This sand is 11 feet thick at RS05 and is underlain by silty clay.

BRIGHTON AVENUE

Construction of the receptor trench along the eastern curb area of Brighton Avenue revealed two separate sequences of lithology. North of the storm drain catch basin the sequence consists of; clay to the four foot depth, silty clay to the seven foot depth, fine silty sand to the 9 foot depth, medium sand to the 10 foot depth, silty clay to the 11 ½

foot depth, gravel to the 12 foot depth underlain by clay to the 16 foot depth. South of the storm catch basin is a sequence of silty clays and clays to depth.

Sandier sequence of sediments north of the storm water catch basin at Brighton Avenue compared to the sediments south of the storm water catch basin, indicate a facies change or a fault remnant striking east/west near the storm drain catch basin. A topographic lineation along the 200 foot contour is located in this area, see Figure 2.

2.3 GROUNDWATER

Groundwater was first encountered onsite during installation of monitor wells (December 1989) at approximately 25 feet below the surface, in a silty sand situated beneath a clay. Hand augered borings were used to install temporary piezometers to perform "time recharge" slug tests of the shallow groundwater beneath the backyards near the sewer lateral route. First encounter of groundwater was detected between 6 ½ to 8 feet below the surface after penetrating through a clay into a sandy clay. These borings, B1, B2, B3, B4 and B5 were installed May 1996. Similarly soil probes along Brighton Avenue did not encounter groundwater until after penetrating through the clay into a silty or sandier formation, approximately 10 to 15 feet below the surface. Using the Bouwer and Rice Slug Test Model, hydraulic conductivity was calculated for each boring. Boring B4 did not produce enough water that day to perform the test. Depth to water measurements along with top of piezometer elevation level were used to determine gradient. The resulting groundwater velocities ranged from a low of 4.1 feet/year at BH1 to a high of 385 feet/year at BH5. Soil samples from these borings were analyzed for total organic carbon (TOC). Utilizing the TOC (340 - 5700 mg/Kg) amounts, the retarded velocity for each borehole was then calculated for BTEX. Benzene in groundwater has a retarded velocity ranging from 2.98 feet/year at BH1 to a high of 70 feet/year at BH5, see July 3, 1996 Western Geo-Engineers report "Sewer Lateral Investigation Report Desert Petroleum Station #793, 4035 Park Boulevard, Oakland, CA."

3.0 PROPOSED CLEANUP GOALS WITH THE BASIS FOR CLEANUP GOALS

- The proposed cleanup goals are based on the following conditions of the site.
- This is a former UST site, tanks and product dispensing system removed.
- No free product exists.
- Land use is designated commercial.
- Subsurface soils consist of silty clay conglomerate.
- Site is in the service area of public water system.
- The shallow groundwater beneath the site cannot be produced as a water source (formation is clayey conglomerate).
- Downward migration of the onsite contaminated groundwater is prevented by the stiff clay found 40 feet below the surface.
- Downgradient migration of the onsite contaminated groundwater has been greatly reduced by the construction and pumping of the intercept trench.

- Previous slug test on temporary piezometers installed downgradient of the site, in the backyards of the surrounding residences, showed groundwater velocities ranging between 4 and 385 feet per year. Table 1 Groundwater Removal shows that continuous pumping of onsite well RS05 produces a pumping rate of 0.2 gallons per minute (gpm) and the off site, downgradient intercept trench well T1 produces a rate ranging from 0.3 to 0.5 gpm, with the exception of the recent heavy rain events in March 2012 that increased rates ranging between 1.1 to 1.6 gpm (additional groundwater added to the subsurface by underground utility backfills that connect into the intercept trench).
- To further slow the migration of the contaminants of concern, organic carbon analysis showed total organic carbon in the water bearing formations to range between 340 and 5700 mg/Kg. Along with the organic carbon, natural attenuation is occurring as evident from analysis for the electron acceptors (dissolved oxygen, nitrate, sulfate and ferric iron) along with the presence of biological indicators (carbon dioxide, methane, aerobic hydrocarbon degrading bacteria, and reduced nutrients ortho phosphate and ammonia as nitrogen).

- With the above conditions the California Regional Water Quality Control Board, San Francisco Bay Region (CRWQCB-SFBR), Interim Final – November 2007 (revised May 2008) "Environmental Screening Levels (ESL's) for Shallow Soils – Commercial/Industrial Land Use - Groundwater is not a Current or Potential Source of Drinking Water" were chosen as the cleanup goals for this site.

3.1 SOIL

Contaminant of Concern	Final ESL	Groundwater Protection (soil Leaching)
TPHg	180 mg/Kg	180 mg/Kg
Benzene	0.27 mg/Kg	2.0 mg/Kg
Toluene	9.3 mg/Kg	9.3 mg/Kg
Ethylbenzene	4.7 mg/Kg	4.7 mg/Kg
Xylenes	11 mg/Kg	11 mg/Kg
MtBE	8.4 mg/Kg	8.4 mg/Kg

3.2 GROUNDWATER

Groundwater is not a Current or Potential Source of Drinking water, Table B.

Contaminant of Concern	Commercial ESL Table B	Residential ESL Table E-1 (Vapor Intrusion)
TPHg	210 ug/L	use soil gas
Benzene	46 ug/L	540 ug/L
Toluene	130 ug/L	380,000 ug/L
Ethylbenzene	43 ug/L	17,000 ug/L
Xylenes	100 ug/L	160,000 ug/L
MtBE	1,800 ug/L	24,000 ug/L

4.0 WORK PERFORMED, JULY 1 – SEPTEMBER 24, 2012.

During this time frame, Western Geo-Engineers performed operation and maintenance inspections of the groundwater pumping and treatment system and depth to water measurements. Samples were obtained from the pumping wells and the monitor wells associated with this site. The groundwater pump and treatment system was turned off and a Work Plan for Soil, Groundwater and Soil Gas was submitted to CRWQCB-Bay Region.

4.1 Collection and Analysis of Groundwater Samples

Groundwater samples were collected from wells RS05, RS07, RS08, RS09, RS10, R1, R2 and trench wells T1 and T2 on September 12, 2012. Samples were analyzed for Total Petroleum Hydrocarbons as gasoline, Benzene, Toluene, Ethylbenzene and Xylenes using EPA method 8260B, see Table 1 and Appendix A. Figure 3 shows the positions of the groundwater monitoring wells and the receptor trench.

4.2 Depth to Water Measurements

On September 12, 2012 depth to water was measured at each well using a product/water interface probe. Measurements are referenced to the surveyed elevation at the top of casing at each well. Table 1 shows the elevation of groundwater with respect to mean sea level for all wells through September 12, 2012.

5.0 RESULTS OF GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4 shows the groundwater elevation gradients and flow directions that were derived from the depth to water measurements of the monitor wells on September 12, 2012. Groundwater pumping was not occurring at that time, the pumping system had been turned off on July 25, 2012, during a site visit with Mr. Ralph Lambert (State of California – CRWQCB-SFBR). Depth to groundwater measurements obtained during the July 25, 2012 site visit from the pumping wells T1 and RS05 indicated that the wells had been pumped down to the no load sensor shut off point. T1 depth to water was 11.00 feet (top of pump), T2 depth to water was 10.75 feet and RS05 depth to water was 20.07 feet. The September 12, 2012 depth to groundwater measurements showed recharge to the trench wells (T1 and T2) and on site pumping well RS05. Groundwater elevations derived from the September 12, 2012 DTW measurements show a gradient from monitor well RS08 to monitor well RS09 as 0.10 ft/ft to the northwest. Previous pumping of wells RS05 and trench well T1 have created groundwater depressions at these wells; see Table 1 and Groundwater Elevation Chart.

5.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on September 12, 2012 are shown in Table 1. Groundwater samples were obtained from monitor wells R1, R2, RS05, RS07, RS08, RS09, RS10 and trench wells T1 and T2. RS05 and T1 wells contained submersible pumps, samples were obtained from the sample port of the influent of the first water carbon for these wells, see Appendix A Methods and Procedures and Appendix B Laboratory Report.

The trench well T2 sample was obtained without purging the well, to determine the amount of hydrocarbons representing groundwater entry into the well (after the pump in T1 was turned off) without extended exposure to the soils in the sidewalls of the trench, this sample contained 160 ug/L TPHg and 42 ug/L Benzene, all other analytes were below laboratory detection limits of 0.5 ug/L.

Total Petroleum Hydrocarbons - gasoline

Total Petroleum Hydrocarbons-gasoline range (TPHg) has a laboratory lower detection limit (LLDL) of 50 ug/L TPH-G concentrations above the LLDL were found in water samples from monitor wells R1, R2, RS05, RS07, RS08, RS09, RS10 and the receptor trench wells (T1 and T2) ranged from 8400 ug/L at well T1, to 68 ug/L at well RS10. Well R3 was not sampled; depth to water measurements indicated that the water in R3 was contained within the bottom casing shoe, see Figure 5 and Appendix B – Laboratory Report.

Benzene

Benzene has a LLDL of 0.5 ug/L. Benzene concentrations were found in wells; R1 at 4.4 ug/L, R2 at 5.3 ug/L, RS05 at 34 ug/L, RS07 at 250 ug/L, RS08 at 3.7 ug/L, RS10 at 0.95 ug/L and trench well T1 at 2100 ug/L. Wells RS09 was below laboratory lower detection limits of 0.5 ug/L, see Figure 5 and Appendix B - Laboratory Report.

MtBE

MtBE has a LLDL of 0.5 ug/L. Analysis for MtBE has been discontinued. The March 2012 samples showed the analytical results for Fuel Oxygenant MtBE below laboratory lower detection limits in wells R1, R2, R3, RS05, RS07, RS08, RS09, and RS10. Trench well T1 contained 2.4 ug/L.

Toluene

Toluene has a LLDL of 0.5 ug/L. Toluene was detected in wells RS05 at 21 ug/L, RS07 at 2.2 ug/L and T1 at 120 ug/L. Wells R1, R2, RS08, RS09 and RS10 were below LLDL of 0.5 ug/L.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. Ethylbenzene was detected in wells R2 at 1 ug/L, RS05 at 72 ug/L, RS07 at 7.9 ug/L, RS08 at 1.7 ug/L and T1 at 120 ug/L.

XYLENES

Xylenes have a LLDL of 0.5 ug/L. Xylenes were detected in wells RS05 at 130 ug/L, RS07 at 7.2 ug/L, RS08 at 5.8 ug/L and T1 at 420 ug/L, see Table 1 and Appendix B - Laboratory Report.

6.0 PURGING/PUMPING OF RECEPTOR (INTERCEPT) TRENCH

The last purging of the receptor (intercept) trench occurred on June 30, 2004. A total of 93,553 gallons of groundwater had been pumped from the receptor trench and purged from the groundwater monitoring wells.

A 4 inch submersible Grundfos pump was installed into trench well T1 on March 30, 2011. Pumping commenced from well T1 after depth to water measurements and groundwater samples were obtained from all of the monitor wells on April 6, 2011. The system was turned off on April 10, 2011 when leaks were noticed in the compound, no pumped water left the spill containment from the compound. All leaks were removed/repaired. The leaked water drained to a sump inside the spill containment and was pumped through 4 carbon units prior to discharge to the sanitary sewer. A pressure reducer and valve regulator was installed at the T1 well head on April 13, 2011 and pumping was resumed. The pump at T1 was turned off on July 25, 2012 to determine the effects of complete recharge of the trench to contaminant concentrations when sampled on September 12, 2012. As of September 12, 2012, 327,965 gallons of water had been pumped from T1 since resuming pumping. The pump at T1 was turned on to sample the well on September 12, 2012 and after 197 gallons had been pumped and sampled the pump was turned off. This water was treated through a sediment filter and 4 in series carbon units prior to discharge to sewer. As of September 12, 2012, 421,644 gallons of contaminated groundwater has been pumped from T1 and purged from monitor wells, see Table 2. Along with a calculated removal of TPHg as dissolved gasoline in water of 3.0 gallons, see Table 4.

7.0 PUMPING ON-SITE WELL RS05

On February 15, 2001 a submersible pump was placed into RS05. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS05. A site visit was conducted on June 30, 2010 to remove the pump from RS05 for inspection and cleaning and to obtain a discharge sample prior to suspension of the sewer discharge permit. As of June 30, 2010, 1,714,572 gallons of groundwater have been discharged to the sewer of which 1,620,974 gallons was pumped from RS5 and treated through two, in series, water carbon units prior to being discharge to the sanitary sewer.

On April 6, 2011, a 4 inch submersible Grunfoss pump was installed into RS05. After depth to water measurements and samples were obtained from all of the monitor wells, the pump was turned on. The system was turned off on April 10, 2011 when leaks were noticed in the compound, no pumped water left the spill containment from the compound. The leaks were repaired/eliminated. The leaked water drained to a sump inside the spill containment and was pumped through 4 carbon units prior to be discharged to the

sanitary sewer. On April 13, 2011 pumping was resumed. The pump at RS05 was turned off on July 25, 2012 to determine the effects of complete recharge of the well to contaminant concentrations when sampled on September 12, 2012. As of September 12, 2012, 184,500, gallons of water has been pumped from RS05 since resuming pumping. The pump at RS05 was turned on to sample the well on September 12, 2012 and after 35 gallons had been pumped and sampled the pump was turned off. This water was treated through a sediment filter and 4 in series carbon units prior to discharge to sewer. As of September 12, 2012, 1,805,518 gallons of contaminated groundwater has been pumped from RS05, see Table 2. Along with a calculated removal of TPHg as dissolved gasoline in water of 14.4 gallons, see Table 4.

The pumping from RS05 has lowered the groundwater at this well by at least 12 feet, when compared to non pumping water measurements, see Groundwater Elevation Chart. This creates a cone of influence out to offsite wells RS08 and RS10.

8.0 SUMMARY

Groundwater pumping was resumed after securing a new sewer discharge permit from EBMUD. Pumping commenced from wells T1 (intercept trench) and RS05 on April 6, 2011. During a site visit on July 25, 2012 the power to the pumps was turned off and groundwater pumping discontinued until the September 2012 samples results indicate if pumping of groundwater is still necessary for the remediation of this site. The most recent sampling of the monitor wells, September 12, 2012 showed increases in hydrocarbon concentrations in wells RS05, RS07, RS08, RS09, RS10, R1, R2 and T1, well R3 was not sampled, see Table 1 and Charts, Appendix C.

Comparison to the proposed clean-up levels for groundwater commercial the following wells exceed the ESL's; TPHg was exceeded in wells R1, R2, RS05, RS07, RS08 and T1. Benzene was exceeded in wells RS07 and T1. Ethylbenzene was exceeded in wells RS05 and T1 and Xylenes were exceeded in wells RS05 and T1.

9.0 RECOMMENDATIONS

Await review of Natural Attenuation Sample/Soil Gas Sample results by RWQCB-SFBR to determine if further groundwater pumping is necessary.

10.0 LIMITATIONS

This report is based upon the following:

A. The observations of field personnel.

B. The results of laboratory analyses performed by a state certified laboratory.

C. Referenced documents.

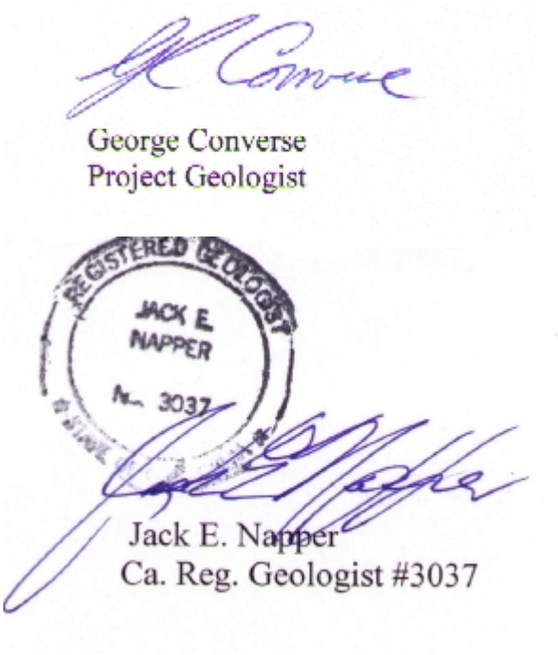
D. Our understanding of the regulations of the State of California, Alameda County and the City of Oakland.

E. Changes in groundwater conditions can occur due to variations in rainfall, temperature, local and regional water use, and local construction practices.

F. In addition, variations in the soil and groundwater conditions could exist beyond the points explored in this investigation.

State Certified Laboratory analytical results are included in this report. This laboratory follows EPA and State of California approved procedures; however, WEGE is not responsible for errors in these laboratory results. The services performed by Western Geo-Engineers have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the State of California and the Oakland area. Our work and/or supervision of remediation and/or abatement operations, active or preliminary, at this site is in no way meant to imply that we are owners or operators of this site. Known or suspected contamination of soil and/or groundwater must be reported to the appropriate agencies in a timely manner. No other warranty, expressed or implied, is made.

Sincerely,



Cc: Mr. Ralph Lambert, RWQCB-SFBR (510) 622-2382
Mr. Kin Man Li, property owner (510) 599-7000
Geotracker
Alameda County Health

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-01	12/14/1989	228.15	24.25	203.9		19000	**2600**	**2700**	200	1200		
RS-01	12/90					15000	**3500**	**330**	170	760		
RS-01	2/91					6900	**910**	**200**	39	540		
RS-01	6/91					1600	**56**	**180**	12	26		
RS-01	9/91					4100	**730**	7.6	5.1	24		
RS-01	12/91					8300	**950**	**160**	71	190		
RS-01	11/9/1992	228.15	17.05	211.1		1700	**730**	9.6	16	14		
RS-01	4/7/1994	228.15	13	215.15		860	**84**	12	16	110		
RS-01	6/19/1994	228.15	13.37	214.78		1400	**150**	12	52	87		
RS-01	9/17/1994	228.15	16.33	211.82		310	**30**	1.8	2.8	3.9		
RS-01	3/12/1995	228.15	4.66	223.49		ND	ND	ND	ND	ND		
RS-01	8/14/1995	DESTROYED BY OVER-EXCAVATION OF UST-DISPENSER AREAS (8/14/95										
RS-01	9/5/1995	REPLACED WITH MW-1 9/5/95.										
MW-01	10/4/1995	229.5	12.38	217.12		ND	ND	ND	ND	ND		
MW-01	12/21/95	229.5	13.40	216.1		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
MW-01	03/27/96	229.5	5.53	223.97		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
MW-01	06/11/96	229.5	9.02	220.48		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
MW-01	09/04/96	229.5	11.84	217.66		< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	
MW-01	12/11/96	229.5	12.98	216.52		< 50	< 0.5	0.9	< 0.5	< 1	< 0.5	
MW-01	2/21/97	229.5	9.50	220		< 50	< 0.5	0.9	< 0.5	< 1	< 0.5	*
MW-01	5/28/97	229.5	11.18	218.32		< 50	**3**	3	< 0.5	< 1	< 0.5	*
MW-01	9/2/1997	229.5	13.00	216.5		< 50	**5**	< 0.5	< 0.5	< 1	< 0.5	*
MW-01	11/24/1997	229.5	14.12	215.38		< 50	**5**	< 0.5	< 0.5	< 1	< 0.5	*
MW-01	2/25/1998	229.5	6.41	223.09		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
MW-01	7/8/1998	229.5	7.28	222.22		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
MW-01	9/16/1998	229.5	10.96	218.54		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
MW-01	11/24/1998	229.5	12.24	217.26		52	**2.3**	5.2	< 0.5	5.4	11	*
MW-01	2/23/1999	229.5	7.14	222.36		< 50	< 0.5	5	< 0.5	< 1	< 0.5	
MW-01	5/5/1999	229.5	7.00	222.5		< 50	**2**	<0.5	< 0.5	< 1	8	
MW-01	8/26/1999	229.5	11.41	218.09		<50	**4.1**	<0.5	< 0.5	< 1	<1	
MW-01	11/10/1999	229.5	13.27	216.23		<50	<0.5	<0.5	< 0.5	< 1	<0.5	
MW-01	2/9/2000	229.5	13.76	215.74		<50	<0.5	<0.5	0.5	< 1	0.5	
MW-01	6/30/2000	229.5	10.63	218.87		<50	<0.5	<0.5	< 0.5	< 1	< 0.5	
MW-01	8/8/2000	229.5	11.77	217.73		62	1	2	< 0.5	2	< 0.5	
MW-01	11/16/2000	229.5	13.33	216.17		<50	<0.5	<0.5	< 0.5	< 1	< 0.5	
MW-01	3/8/2001	229.5	12.30	217.2		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	5/31/2001	229.5	11.88	217.62		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	12/18/2001	229.5	13.74	215.76		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	2/19/2002	229.5	14.42	215.08		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	5/7/2002	229.5	10.78	218.72		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	8/6/2002	229.5	12.70	216.8		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	11/5/2002	229.5	15.00	214.5		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	12/12/2002	229.5	15.46	214.04								
MW-01	3/13/2003	229.5	14.51	214.99		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	5/6/2003	229.5	11.06	218.44		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	8/13/2003	229.5	13.13	216.37		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	11/20/2003	229.5	14.85	214.65		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	1/22/2004	229.5	13.65	215.85								
MW-01	3/30/2004	229.5	11.68	217.82		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	6/10/2004	229.5	13.08	216.42		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	9/28/2004	229.5	14.33	215.17		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	12/8/2004	229.5	14.67	214.83		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	3/23/2005	229.5	9.60	219.9		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	6/1/2005	229.5	8.64	220.86		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	9/21/2005	229.5	11.81	217.69		<50	1.3	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	12/7/2005	229.5	13.02	216.48		<50	1.7	<0.5	0.63	0.76	< 0.5	****
MW-01	3/28/2006	229.5	5.94	223.56		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	6/21/2006	229.5	7.63	221.87		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	9/13/2006	229.5	11.40	218.1		<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-01	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0971**										
RS-02	12/14/1989	227.39										
RS-02	6/19/1994	227.39	10.89	216.50								
RS-02	3/12/1995	227.39	5.26	222.13		ND	ND	ND	ND	ND		
RS-02	10/4/1995	227.39	15.05	212.34		ND	ND	ND	ND	ND		
RS-02	12/21/95	227.39	9.95	217.44		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
RS-02	03/27/96	227.39	6.28	221.11		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
RS-02	06/11/96	227.39	8.00	219.39		< 50	**1.2**	2.8	< 0.5	< 2	< 50	
RS-02	09/04/96	227.39	9.89	217.50		< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)					ft		**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-02	12/11/96	227.39	8.38	219.01		< 50	< 0.5	< 0.5	< 0.5	< 1	6	
RS-02	2/21/97	227.39	6.96	220.43		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	5/28/97	227.39	10.02	217.37		< 50	**3**	3	< 0.5	< 1	< 0.5	*
RS-02	9/2/1997	227.39	11.46	215.93		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	11/24/1997	227.39	10.43	216.96		< 50	< 0.5	1	< 0.5	3	< 0.5	*
RS-02	2/25/1998	227.39	3.57	223.82		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	7/8/1998	227.39	8.83	218.56		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-02	9/16/1998	227.39	10.60	216.79		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-02	11/24/1998	227.39	13.27	214.12		140	**2.8**	19	2.6	3.3	15	*
RS-02	2/23/1999	227.39	4.06	223.33		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	
RS-02	5/5/1999	227.39	7.70	219.69		< 50	0.7	< 0.5	< 0.5	< 1	6	
RS-02	8/26/1999	227.39	11.42	215.97		200	**15**	23	1.7	23	9	*
RS-02	11/10/1999	227.39	15.94	211.45		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	2/9/2000	227.39	8.91	218.48		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	6/30/2000	227.39	9.79	217.60		52	**2**	<0.5	<0.5	< 1	<0.5	
RS-02	8/8/2000	227.39	10.71	216.68		60	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	11/16/2000	227.39	10.39	217.00		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	3/8/2001	227.39	6.62	220.77		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/31/2001	227.39	10.09	217.30		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/18/2001	227.39	6.99	220.40		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	2/19/2002	227.39	8.08	219.31		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/7/2002	227.39	9.27	218.12		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	8/6/2002	227.39	11.38	216.01		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/5/2002	227.39	17.09	210.30		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/12/2002	227.39	13.19	214.20								
RS-02	3/13/2003	227.39	8.93	218.46		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/6/2003	227.39	8.05	219.34		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	8/13/2003	227.39	11.16	216.23		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/20/2003	227.39	17.62	209.77		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	1/22/2004	227.39	7.40	219.99								
RS-02	3/30/2004	227.39	7.95	219.44		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/10/2004	227.39	10.56	216.83		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/28/2004	227.39	17.02	210.37		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/8/2004	227.39	9.80	217.59		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	3/23/2005	227.39	5.05	222.34		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/1/2005	227.39	8.60	218.79		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/21/2005	227.39	11.45	215.94		< 50	1.4	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/7/2005	227.39	10.82	216.57		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	3/28/2006	227.39	3.85	223.54		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/21/2006	227.39	8.86	218.53		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/13/2006	227.39	11.25	216.14		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0972**										
RS-05	12/14/1989	227.61	25.97	201.64		57000	**3100**	**4300**	**670**	**3400**		
RS-05	2/91	227.61			sheen							
RS-05	6/91	227.61			sheen							
RS-05	9/91	227.61			sheen							
RS-05	12/91	227.61			sheen							
RS-05	11/9/1992	227.61	20.73	206.88		50000	**650**	**4800**	**1100**	**15000**		
RS-05	4/7/1994	227.61	18.16	209.45		27000	**5000**	**8700**	**550**	**2800**		
RS-05	6/19/1994	227.61	18.11	209.5		20000	**2100**	**5300**	**470**	**2500**		
RS-05	9/17/1994	227.61	19.63	207.98		9300	**230**	**340**	110	700		
RS-05	3/12/1995	227.61	14.54	213.07		93000	**6400**	**2000**	**19000**	**10000**		
RS-05	10/4/1995	227.61	17.53	210.08		16000	**420**	**2100**	**320**	**1800**		
RS-05	12/21/95	227.61	17.47	210.14		48000	**3500**	**9200**	**840**	**4800**	**56**	
RS-05	03/27/96	227.61	13.51	214.1		68000	**4900**	**18000**	**1700**	**11000**	< 3000	
RS-05	06/11/96	227.61	14.25	213.36		66000	**6300**	**20000**	**2100**	**12000**	< 3000	
RS-05	09/04/96	227.61	16.50	211.11		31000	**2100**	**11000**	**1100**	**6800**	**400**	
RS-05	12/11/96	227.61	15.88	211.73		85000	**7000**	**21000**	**1800**	**8900**	**570**	
RS-05	2/21/97	227.61	13.76	213.85	sheen	100000	**5000**	**22000**	**1700**	**7300**	<0.5	*
RS-05	5/28/97	227.61	15.77	211.84		52000	**4500**	**19000**	**2100**	**10000**	<0.5	*
RS-05	9/2/1997	227.61	17.47	210.14		38000	**2200**	**9400**	**1300**	**5800**	<0.5	
RS-05	11/24/1997	227.61	18.67	208.94		45000	**4000**	**16000**	**1900**	**9700**	<0.5	*
RS-05	2/25/1998	227.61	10.53	217.08		160000	**2700**	**31000**	**5300**	**28000**	<0.5	*
RS-05	7/8/1998	227.61	13.75	213.86		45000	**2800**	**12000**	**2000**	**8500**	<10	*
RS-05	9/16/1998	227.61	15.80	211.81		49000	**1400**	**7500**	**1700**	**8600**	<5	*
RS-05	11/24/1998	227.61	16.64	210.97		89000	**5300**	**15000**	**2800**	**13000**	<10	
RS-05	2/23/1999	227.61	12.36	215.25		19000	**1900**	**11000**	**2500**	**4800**	<25	*
RS-05	5/5/1999	227.61	12.78	214.83		78000	**2000**	**10000**	**3000**	**15000**	540	*
RS-05	8/26/1999	227.61	16.06	211.55		35000	**870**	**4000**	**1900**	**8300**	<1	*

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)				ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-05	11/10/1999	227.61	17.54	210.07		40000	**1000**	**5600**	**1800**	**8100**	<0.5	
RS-05	2/9/2000	227.61	16.31	211.3		46000	**1400**	**6900**	**2700**	**11000**	<0.5	
RS-05	6/30/2000	227.61	15.15	212.46		37000	**810**	**5200**	**2200**	**9100**	<2.5	*
RS-05	8/8/2000	227.61	16.10	211.51		14000	**330**	**500**	**1400**	**6500**	<0.5	
RS-05	11/16/2000	227.61	17.38	210.23		23000	**430**	**2300**	**1100**	**4800**	<0.5	*
RS-05	3/8/2001	227.61	27.72	199.89		11000	**360**	**260**	140	1500	2.6	****
RS-05	5/31/2001	227.61	22.96	204.65		7500	**26**	11	38	470	<5	****
RS-05	12/18/2001	227.61	15.61	212		12000	**610**	**1200**	100	1500	<5	****
RS-05	2/19/2002	227.61	14.80	212.81		22000	**460**	**1700**	**680**	4000	<5	****
RS-05	5/7/2002	227.61	31.77	195.84		700	**150**	10	19	67	5.2	****
RS-05	8/6/2002	227.61	31.77	195.84		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	11/5/2002	227.61	31.77	195.84		12000	**150**	360	21	890	<2	****
RS-05	12/12/2002	227.61	21.53	206.08								
RS-05	3/13/2003	227.61	36.70	190.91		240	**5.5**	1.9	2.3	9.6	1.4	****
RS-05	5/6/2003	227.61	14.52	213.09								
RS-05	8/13/2003	227.61	31.77	195.84		310	1.4	<0.5	1	2.9	<0.5	****
RS-05	11/20/2003	227.61	32.00	195.61		17000	**150**	**720**	240	1800	0.72	****
RS-05	1/22/2004	227.61	25.30	202.31								
RS-05	3/30/2004	227.61	21.90	205.71		4000	**370**	59	13	380	2.6	****
RS-05	6/10/2004	227.61	35.00	192.61		120	**7**	0.88	1.3	4.3	1.3	****
RS-05	9/28/2004	227.61	19.05	208.56		2600	**110**	89	75	56	<0.5	****
RS-05	12/8/2004	227.61	25.00	202.61		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	3/23/2005	227.61	26.05	201.56		7400	**890**	**280**	180	940	5.1	****
RS-05	6/1/2005	227.61	25.40	202.21		3500	**380**	85	59	360	3	****
RS-05	9/21/2005	227.61	19.00	208.61		790	**34**	4.7	0.86	99	<0.5	****
RS-05	12/7/2005	227.61	27.50	200.11		2200	**65**	30	24	200	1.3	****
RS-05	3/28/2006	227.61	19.60	208.01		5000	**370**	130	70	550	2.4	****
RS-05	6/21/2006	227.61	16.70	210.91		990	**42**	6.5	2.4	110	<0.5	****
RS-05	9/13/2006	227.61	31.00	196.61		240	**11**	3.2	1.2	11	0.85	****
RS-05	12/21/2006	227.61	28.00	199.61		4800	**140**	120	130	440	0.78	****
RS-05	3/12/2007	227.61	30.00	197.61		4300	**160**	130	110	600	1.5	****
RS-05	6/20/2007	227.61	30.00	197.61		160	**7.5**	3	2.2	13	0.58	****
RS-05	9/26/2007	227.61	22.80	204.81		2300	**80**	57	19	350	0.59	****
RS-05	12/18/2007	227.61	24.65	202.96		570	**15**	6.8	7.8	42	<0.5	****
RS-05	3/12/2008	227.61	20.50	207.11		4600	**330**	110	98	440	1.9	****
RS-05	6/25/2008	227.61	34.00	193.61		74	**3.7**	<0.5	0.5	2	0.7	****
RS-05	9/17/2008	227.61	23.45	204.16		280	**4.4**	1.5	0.55	18	<0.5	****
RS-05	12/17/2008	227.61	28.20	199.41		450	**2.3**	1.2	1.8	13	<0.5	****
RS-05	3/31/2009	227.61	34.00	193.61		800	**120**	14	2	54	2.7	****
RS-05	9/8/2009	227.61	22.30	205.31		1100	**6.3**	1	3.9	24	1.4	****
RS-05	3/24/2010	227.61	33.50	194.11		1700	**200**	29	10	110	2.6	****
RS-05	6/30/2010	227.61	16.03	211.58		280	**6.3**	1.1	<0.5	19	<0.5	****
RS-05	9/16/2010	227.61	17.02	210.59		8400	**110**	31	180	640	<0.5	****
RS-05	4/6/2011	227.61	12.62	214.99		4800	**100**	31	200	370	<0.9	****
RS-05	6/29/2011	227.61	20.22	207.39		1600	**110**	31	180	640	<0.5	****
RS-05	9/14/2011	227.61	18.70	208.91		1200	**7.6**	4.7	6.6	74	<0.5	****
RS-05	3/26/2012	227.61	24.00	203.61		1500	**12**	12	28	90	<0.5	****
RS-05	9/12/2012	227.61	17.70	209.91		3100	**34**	21	72	130	na	****
RS-06	12/14/1989	227.22	22.52	204.7		11000	**1400**	**1700**	160	860		
RS-06	2/91	227.22			sheen							
RS-06	6/91	227.22				95000	**4200**	**4200**	**650**	**3700**		
RS-06	9/91	227.22			sheen							
RS-06	12/91	227.22				64000	**3700**	**2300**	**730**	**4100**		
RS-06	11/9/1992	227.22	19.43	207.79		19000	**1600**	**710**	**500**	1600		
RS-06	4/7/1994	227.22	14.42	212.8		16000	**1200**	**1300**	290	1100		
RS-06	6/19/1994	227.22	14.45	212.77		23000	**1300**	**2200**	**590**	**2200**		
RS-06	9/17/1994	227.22	19.52	207.7		24000	**630**	**790**	250	1100		
RS-06	3/12/1995	227.22	8.90	218.32		3200	**450**	13	82	230		
RS-06	10/4/1995	227.22	17.78	209.44		3700	**170**	**250**	38	290		
RS-06	12/21/95	227.22	14.98	212.24		3100	**120**	30	16	150	**58**	
RS-06	03/27/96	227.22	10.00	217.22		6900	**180**	**440**	79	360	< 300	
RS-06	06/11/96	227.22	12.00	215.22		7400	**220**	**150**	30	100	<1000	
RS-06	09/04/96	227.22	15.00	212.22		1400	**68**	2.6	7.7	9.2	**14**	
RS-06	12/11/96	227.22	12.36	214.86		1800	**39**	16	10	18	< 0.5	
RS-06	2/21/97	227.22	10.00	217.22		2100	**71**	85	25	40	< 0.5	*
RS-06	5/28/97	227.22	13.56	213.66		1700	**34**	12	11	16	< 0.5	*
RS-06	9/2/1997	227.22	16.35	210.87		940	**34**	71	9	55	< 0.5	*
RS-06	11/24/1997	227.22	15.72	211.5		490	**9**	6	1	7	< 0.5	*
RS-06	2/25/1998	227.22	6.26	220.96		1400	**22**	47	5	52	< 0.5	*

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	(UG/L) **(1.5)**	(UG/L) **(150)**	(UG/L) **(300)**	(UG/L) **(1800)**	(UG/L) **(13)**	
RS-06	7/8/1998	227.22	11.41	215.81		1500	**83**	9	84	2	<10	*
RS-06	7/30/1998	227.22				<50	<0.5	<0.5	<0.5	<1		
RS-06	9/16/1998	227.22	13.42	213.8		990	**23**	<0.5	<0.5	<1	<1	*
RS-06	11/24/1998	227.22	15.91	211.31		3400	**5.3**	<0.5	<0.5	14	<0.5	
RS-06	2/23/1999	227.22	7.00	220.22		1000	**3.4**	3.2	1.6	7.3	<0.5	
RS-06	5/5/1999	227.22	10.29	216.93		1100	**50**	10	80	15	2	
RS-06	8/26/1999	227.22	13.72	213.5		690	**44**	2.5	30	31	<5	
RS-06	11/10/1999	227.22	13.90	213.32		1800	**2**	2	0.9	16	< 0.5	
RS-06	2/9/2000	227.22	12.77	214.45		410	**3**	3	4	7	< 0.5	
RS-06	6/30/2000	227.22	12.69	214.53		660	**7**	2	5	6	< 0.5	
RS-06	8/8/2000	227.22	14.72	212.5		660	**2**	3	2	6	< 0.5	
RS-06	11/16/2000	227.22	15.28	211.94		560	**1**	2	1	5	< 0.5	
RS-06	3/8/2001	227.22	10.10	217.12		2200	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/31/2001	227.22	12.96	214.26		630	<0.5	<0.5	<0.5	<0.5	<5	****
RS-06	12/18/2001	227.22	10.88	216.34		56	0.53	<0.5	<0.5	0.56	<0.5	****
RS-06	2/19/2002	227.22	11.08	216.14		<50	<0.5	<0.5	0.6	<0.5	<0.5	****
RS-06	5/7/2002	227.22	12.31	214.91		240	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/6/2002	227.22	14.23	212.99		130	<0.5	<0.5	<0.5	<0.5	3	****
RS-06	11/5/2002	227.22	17.99	209.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/12/2002	227.22	17.57	209.65								
RS-06	3/13/2003	227.22	11.82	215.4		120	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/6/2003	227.22	10.10	217.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/13/2003	227.22	13.88	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/20/2003	227.22	18.62	208.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	1/22/2004	227.22	11.24	215.98								
RS-06	3/30/2004	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/10/2004	227.22	13.52	213.7		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/28/2004	227.22	17.95	209.27		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/8/2004	227.22	14.80	212.42		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/23/2005	227.22	7.62	219.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/1/2005	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/21/2005	227.22	13.22	214		<50	**1.5**	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/7/2005	227.22	14.02	213.2		74	**0.63**	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/28/2006	227.22	6.03	221.19		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/21/2006	227.22	10.40	216.82		100	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/13/2006	227.22	12.82	214.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0973**										
RS-07	12/14/1989	195.99										
RS-07	7/90	195.99				5600000	**24000**	**210000**	**50000**	**740000**		
RS-07	2/91	195.99			shhen							
RS-07	6/91	195.99			sheen							
RS-07	9/91	195.99			sheen							
RS-07	12/91	195.99				270000	**11000**	**22000**	**2000**	**13000**		
RS-07	11/9/1992	195.99	4.62	191.37		81000	**12000**	**16000**	**1900**	**13000**		
RS-07	4/7/1994	195.99	4.03	191.96		74000	**16000**	**16000**	**1400**	**8500**		
RS-07	6/19/1994	195.99	4.07	191.92		83000	**22000**	**19000**	**1500**	**9500**		
RS-07	9/17/1994	195.99	4.05	191.94		270000	**13000**	**15000**	**2100**	1100		
RS-07	3/12/1995	195.99	3.72	192.27		35000	**5100**	**560**	**6300**	**3600**		
RS-07	10/4/1995	195.99	4.03	191.96		96000	**14000**	**14000**	**1300**	**7000**		
RS-07	12/21/95	195.99	3.95	192.04		70000	**9300**	**12000**	**860**	**5600**	**210**	
RS-07	03/27/96	195.99	3.80	192.19		64000	**8900**	**14000**	**1100**	**8300**	< 3000	
RS-07	06/11/96	195.99	3.79	192.2		65000	**12000**	**17000**	**1600**	**9700**	<5000	
RS-07	09/04/96	195.99	3.99	192		20000	**4900**	**2100**	**670**	**4400**	**100**	
RS-07	12/11/96	195.99	3.78	192.21		17000	**4400**	**7500**	**570**	**4600**	**180**	
RS-07	2/21/97	195.99	3.82	192.17		93000	**31000**	**47000**	**3800**	**23000**	<0.5	*
RS-07	5/28/97	195.99	3.82	192.17		52000	**12000**	**8200**	**2000**	**11000**	<0.5	*
RS-07	9/2/1997	195.99	3.96	192.03		28000	**6100**	**2800**	**950**	**3800**	<50	
RS-07	11/24/1997	195.99	3.76	192.23		18000	**4300**	**5900**	**600**	**2900**	<0.5	*
RS-07	2/25/1998	195.99	3.70	192.29		13000	**4300**	**7100**	**1100**	**5800**	<0.5	*
RS-07	7/8/1998	195.99	3.76	192.23		45000	**10000**	**3400**	**2000**	**8000**	<10	*
RS-07	7/30/1998	195.99				72000	**12000**	**2100**	**2000**	**9100**		
RS-07	9/16/1998	195.99	3.83	192.16		5000	**6500**	**160**	<2.5	500	<5	*
RS-07	11/24/1998	195.99	3.77	192.22		19000	**2100**	**1100**	**500**	**2100**	<0.5	
RS-07	2/23/1999	195.99	3.70	192.29		83000	**6500**	**9900**	**1200**	**7000**	<10	
RS-07	5/5/1999	195.99	3.88	192.11		47000	**7400**	**4800**	**1300**	**7400**	**540**	
RS-07	8/26/1999	195.99	4.16	191.83		15000	**3400**	91	**950**	970	<5	
RS-07	11/10/1999	195.99	4.12	191.87		10000	**2900**	**170**	**630**	1200	<0.5	
RS-07	2/9/2000	195.99	3.98	192.01		9400	**1400**	120	**480**	600	<0.5	
RS-07	6/30/2000	195.99	4.04	191.95		8200	**3300**	**190**	**430**	540	<0.5	

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-07	8/8/2000	195.99	4.06	191.93		11000	**2300**	**150**	**430**	520	<0.5	
RS-07	11/16/2000	195.99	4.04	191.95		5400	**1500**	40	240	200	<0.5	
RS-07	3/8/2001	195.99	3.94	192.05		12000	**3300**	**260**	**480**	850	**17**	****
RS-07	5/31/2001	195.99	4.01	191.98		10000	**1900**	120	**320**	620	<100	****
RS-07	12/18/2001	195.99	4.81	191.18		2700	**450**	21	86	120	2.3	****
RS-07	2/19/2002	195.99	3.91	192.08		20000	**2600**	**360**	**570**	**1900**	11	****
RS-07	5/7/2002	195.99	3.97	192.02		9200	**1400**	120	**360**	780	6.6	****
RS-07	8/6/2002	195.99	4.06	191.93		8300	**1300**	71	250	480	<10	****
RS-07	11/5/2002	195.99	4.11	191.88		9300	**1500**	90	**330**	680	<10	****
RS-07	12/12/2002	195.99	4.13	191.86								
RS-07	3/13/2003	195.99	4.02	191.97		5500	**990**	51	180	330	6.1	****
RS-07	5/6/2003	195.99	3.98	192.01		4800	**740**	36	160	310	4.7	****
RS-07	8/13/2003	195.99	4.09	191.9		9400	**1300**	65	310	620	6.1	****
RS-07	11/20/2003	195.99	4.10	191.89		4800	**700**	13	110	110	<5	****
RS-07	1/22/2004	195.99	4.12	191.87								
RS-07	3/30/2004	195.99	4.05	191.94		3800	**540**	33	140	210	3.4	****
RS-07	6/10/2004	195.99	4.12	191.87		4000	**740**	22	82	130	2.8	****
RS-07	9/28/2004	195.99	4.18	191.81		5000	**640**	20	110	130	2.8	****
RS-07	12/8/2004	195.99	3.92	192.07		3700	**290**	18	130	190	0.56	****
RS-07	3/23/2005	195.99	4.00	191.99		4600	**220**	17	100	170	2.4	****
RS-07	6/1/2005	195.99	4.11	191.88		4700	**660**	41	140	290	3.7	****
RS-07	9/21/2005	195.99	4.14	191.85		4600	**360**	18	67	130	3.6	****
RS-07	12/7/2005	195.99	4.13	191.86		3400	**160**	10	89	86	1.2	****
RS-07	3/28/2006	195.99	3.93	192.06		1400	**170**	10	30	49	1.5	****
RS-07	6/21/2006	195.99	4.11	191.88		4800	**570**	27	100	150	5.2	****
RS-07	9/13/2006	195.99	4.13	191.86		4700	**570**	15	70	73	6	****
RS-07	12/21/2006	195.99	4.08	191.91		1600	**100**	3.7	37	30	1.1	****
RS-07	3/12/2007	195.99	3.98	192.01		1500	**220**	3.7	40	35	2.6	****
RS-07	6/20/2007	195.99	4.10	191.89		3700	**530**	18	52	69	3.2	****
RS-07	9/26/2007	195.99	4.13	191.86		2300	**240**	5.1	30	22	2.9	****
RS-07	12/18/2007	195.99	3.83	192.16		1800	**66**	2.4	43	20	0.56	****
RS-07	3/12/2008	195.99	3.99	192		2300	**190**	5.4	63	39	1.9	****
RS-07	6/25/2008	195.99	4.13	191.86		3000	**320**	17	36	90	3.1	****
RS-07	9/17/2008	195.99	4.22	191.77		1400	**38**	2.2	40	12	<0.5	****
RS-07	12/17/2008	195.99	4.12	191.87		1700	**76**	3	73	21	<0.5	****
RS-07	3/31/2009	195.99	4.10	191.89		2400	**190**	3.6	96	27	2.5	****
RS-07	9/8/2009	195.99	4.18	191.81		2700	**140**	7.3	42	14	2	****
RS-07	3/24/2010	195.99	4.11	191.88		2100	**130**	5.8	66	14	1.6	****
RS-07	6/30/2010	195.99	4.08	191.91		no sample						
RS-07	9/16/2010	195.99	4.12	191.87		3500	**490**	9	56	12	3.5	****
RS-07	4/6/2011	195.99	4.12	191.87		2000	**190**	3.7	46	17	2.2	****
RS-07	6/29/2011	195.99	4.18	191.81		no sample						
RS-07	9/14/2011	195.99	4.30	191.69		460	0.76	<0.5	3.2	0.67	<0.5	****
RS-07	3/26/2012	195.99	4.18	191.81		350	**4.6**	<0.5	5.7	<0.5	<0.5	****
RS-07	9/12/2012	195.99	4.18	191.81		1200	**250**	2.2	5.9	3.1	na	****
RS-08	12/14/1989											
RS-08	09/04/96											
RS-08	12/11/96											
RS-08	2/21/97											
RS-08	5/28/97											
RS-08	9/2/1997											
RS-08	11/24/1997											
RS-08	2/25/1998											
RS-08	7/8/1998											
RS-08	9/16/1998											
RS-08	11/24/1998											
RS-08	2/23/1999											
RS-08	5/5/1999											
RS-08	8/26/1999	214.67	7.25	207.42		160000	**24000**	**35000**	**4200**	**24000**	<5	
RS-08	11/10/1999	214.67	8.69	205.98		150000	**21000**	**29000**	**3000**	**14000**	<0.5	
RS-08	2/9/2000	214.67	7.23	207.44		14000	**1900**	**3200**	270	**2300**	<0.5	
RS-08	6/30/2000	214.67	3.99	210.68		6400	**570**	**870**	150	770	<0.5	
RS-08	8/8/2000	214.67	7.52	207.15		100000	**24000**	**40000**	**2300**	**9900**	<0.5	*
RS-08	11/16/2000	214.67	6.14	208.53		110000	**14000**	**21000**	**2100**	**9600**	<20	*
RS-08	3/8/2001	214.67	9.40	205.27		10000	**740**	**840**	220	990	<2	****
RS-08	5/31/2001	214.67	6.83	207.84		730	**11**	29	4.2	31	<5	****
RS-08	12/18/2001	214.67	7.14	207.53		4500	**230**	**370**	77	750	<0.5	****
RS-08	2/19/2002	214.67	7.69	206.98		780	**33**	21	5.1	45	<0.5	****
RS-08	5/7/2002	214.67	7.82	206.85		24000	**1500**	**1800**	**830**	**2700**	<10	****

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-08	8/6/2002	214.67	13.46	201.21	**0.04**							
RS-08	11/5/2002	214.67	13.96	200.71	**0.40**							
RS-08	12/12/2002	214.67	14.38	200.29	**0.08**							
RS-08	3/13/2003	214.67	10.99	203.68		90000	**1100**	**14000**	**2500**	**12000**	<50	****
RS-08	5/6/2003	214.67	5.35	209.32		1600	**6.7**	46	21	170	<0.5	****
RS-08	8/13/2003	214.67	11.96	202.71		100000	**1200**	**10000**	**2500**	**13000**	<50	****
RS-08	11/21/2003	214.67	12.30	202.37		100000	**1700**	**10000**	**1700**	**12000**	<25	****
RS-08	1/22/2004	214.67	9.63	205.04								
RS-08	3/30/2004	214.67	8.70	205.97		18000	**69**	**110**	**130**	**1200**	<5	****
RS-08	6/10/2004	214.67	10.65	204.02		33000	**210**	**350**	**360**	**2300**	<5	****
RS-08	9/28/2004	214.67	9.00	205.67		6000	**59**	20	100	170	<1	****
RS-08	12/8/2004	214.67	4.50	210.17		1100	<0.5	<0.5	<0.5	0.66	<0.5	****
RS-08	3/23/2005	214.67	3.65	211.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/1/2005	214.67	9.70	204.97		4700	**330**	**210**	250	330	<0.5	****
RS-08	9/21/2005	214.67			could not locate, under landscaping.							
RS-08	12/7/2005	214.67	12.76	201.91		30000	**1100**	**1500**	**810**	**2800**	<5	****
RS-08	3/28/2006	214.67	3.42	211.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/21/2006	214.67	7.03	207.64		6300	**630**	**710**	**310**	720	<0.5	****
RS-08	9/13/2006	214.67	11.13	203.54		29000	**1600**	**2800**	**1300**	**4000**	<2.5	****
RS-08	12/21/2006	214.67	10.67	204		60000	**1900**	**2000**	**1300**	**5200**	<7	****
RS-08	3/12/2007	214.67			dog in backyard, could not access well							
RS-08	6/20/2007	214.67	11.19	203.48		23000	**480**	**540**	**780**	**2600**	<2.5	****
RS-08	9/26/2007	214.67			dog in backyard, could not access well							
RS-08	12/18/2007	214.67			could not unlach side gate to enter backyard							
RS-08	3/12/2008	214.67	9.36	205.31		18000	**81**	41	51	560	<4	****
RS-08	6/25/2008	214.67	12.28	202.39		26000	**480**	**870**	**430**	**2800**	<4	****
RS-08	9/17/2008	214.67	12.13	202.54		30000	**680**	**880**	**630**	**3400**	<4	****
RS-08	12/17/2008	214.67			dogs in backyard, could not access well							
RS-08	3/31/2009	214.67			dogs in backyard, could not access well							
RS-08	9/8/2009	214.67			dogs in backyard, could not access well							
RS-08	3/24/2010	214.67	7.78	206.89		2500	**48**	3	26	130	<0.5	****
RS-08	6/30/2010	214.67			dogs in backyard, could not access well							
RS-08	9/16/2010	214.67	8.98	205.69		17000	**260**	140	240	1600	<0.5	****
RS-08	4/6/2011	214.67	3.63	211.04		570	**29**	0.58	<0.5	6.2	<0.5	****
RS-08	6/29/2011	214.67	10.20	204.47		no sample						
RS-08	9/14/2011	214.67	10.51	204.16		19000	**130**	60	86	1300	<0.5	****
RS-08	3/26/2012	214.67	3.93	210.74		<50	**1.80**	<0.5	<0.5	1	<0.5	****
RS-08	9/12/2012	214.67	7.71	206.96		560	**3.70**	<0.5	1.7	5.8	na	****
RS-09	12/14/1989											
RS-09	09/04/96											
RS-09	12/11/96											
RS-09	2/21/97											
RS-09	5/28/97											
RS-09	9/2/1997											
RS-09	11/24/1997											
RS-09	2/25/1998											
RS-09	7/8/1998											
RS-09	9/16/1998											
RS-09	11/24/1998											
RS-09	2/23/1999											
RS-09	5/5/1999											
RS-09	8/26/1999	195.63	7.46	188.17		17000	**3500**	**1200**	**360**	1600	**180**	*
RS-09	11/10/1999	195.63	7.91	187.72		2800	**520**	62	46	130	<0.5	
RS-09	2/9/2000	195.63	6.09	189.54		3400	**650**	74	64	130	<0.5	
RS-09	6/30/2000	195.63	6.77	188.86		3000	**600**	79	74	120	<0.5	
RS-09	8/8/2000	195.63	7.32	188.31		4900	**500**	**430**	160	530	<0.5	
RS-09	11/16/2000	195.63	6.33	189.3		3000	**350**	**220**	90	220	<0.5	
RS-09	3/8/2001	195.63	4.93	190.7		<50	**3.4**	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/31/2001	195.63	4.01	191.62		510	**96**	6	6.2	9.1	5.5	****
RS-09	12/18/2001	195.63	4.81	190.82		210	**11**	1.8	3.9	7.6	<0.5	****
RS-09	2/19/2002	195.63	4.99	190.64		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/7/2002	195.63	6.08	189.55		130	**7.9**	<0.5	1.2	<0.5	0.67	****
RS-09	8/6/2002	195.63	6.93	188.7		380	**29**	1.2	2.3	2.9	3.1	****
RS-09	11/5/2002	195.63	7.53	188.1		1800	**240**	9	27	110	8.6	****
RS-09	12/12/2002	195.63	7.23	188.4								
RS-09	3/13/2003	195.63	5.73	189.9		410	**30**	3	6	9.5	3.3	****
RS-09	5/6/2003	195.63	4.83	190.8		910	**72**	15	9.2	26	5.5	****
RS-09	8/13/2003	195.63	8.24	187.39		810	**20**	<0.5	2.4	1.6	3.6	****
RS-09	11/20/2003	195.63	6.99	188.64		3600	**920**	5.3	6.1	20	**30**	****

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-09	1/22/2004	195.63	5.43	190.2								
RS-09	3/30/2004	195.63	5.07	190.56		1900	**360**	9.3	19	48	**21**	****
RS-09	6/10/2004	195.63	6.18	189.45		950	**180**	3	8.4	14	8.7	****
RS-09	9/28/2004	195.63	6.94	188.69		4900	**1800**	5.9	5	16	**31**	****
RS-09	12/8/2004	195.63	4.42	191.21		74	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/23/2005	195.63	4.10	191.53		540	**99**	1.1	1.1	4.5	3.6	****
RS-09	6/1/2005	195.63	5.12	190.51		3300	**170**	14	77	87	12	****
RS-09	9/21/2005	195.63	6.60	189.03		330	**1.2**	<0.5	<0.5	0.58	1.8	****
RS-09	12/7/2005	195.63	5.92	189.71		88	<0.5	<0.5	<0.5	0.58	1.2	****
RS-09	3/28/2006	195.63	3.76	191.87		360	**11**	0.72	3.6	2.5	7.1	****
RS-09	6/21/2006	195.63	5.40	190.23		860	**23**	2.9	7.2	21	7.4	****
RS-09	9/13/2006	195.63	6.45	189.18		350	**2.4**	<0.5	1.1	4.2	2.9	****
RS-09	12/21/2006	195.63	5.82	189.81		85	<0.5	<0.5	<0.5	<0.5	0.81	****
RS-09	3/12/2007	195.63	5.08	190.55		1000	**25**	12	14	40	7.5	****
RS-09	6/20/2007	195.63	6.67	188.96		1300	**130**	4.4	6	20	7.2	****
RS-09	9/26/2007	195.63	7.45	188.18		1800	**310**	2.3	5	24	6.3	****
RS-09	12/18/2007	195.63	6.05	189.58		97	**2.5**	<0.5	0.56	1.4	0.51	****
RS-09	3/12/2008	195.63	5.43	190.2		82	**1.6**	<0.5	<0.5	<0.5	<0.5	****
RS-09	6/25/2008	195.63	7.03	188.6		2500	**450**	14	20	81	2.8	****
RS-09	9/17/2008	195.63	7.81	187.82		3100	**830**	4.9	7.7	37	4.7	****
RS-09	12/17/2008	195.63	6.87	188.76		51	**1.7**	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/31/2009	195.63	5.64	189.99		72	**1**	<0.5	<0.5	<0.5	<0.5	****
RS-09	9/8/2009	195.63	7.45	188.18		2800	**700**	2.9	5.4	21	2.7	****
RS-09	3/24/2010	195.63	5.26	190.37		57	**3.7**	<0.5	<0.5	0.58	<0.5	****
RS-09	6/30/2010	195.63	6.17	189.46		no samples						
RS-09	9/16/2010	195.63	7.09	188.54		1800	**410**	2.5	3.5	17	1.6	****
RS-09	4/6/2011	195.63	4.72	190.91		6400	**1900**	6.6	20	83	4.3	****
RS-09	6/29/2011	195.63	7.00	188.63		no samples						
RS-09	9/14/2011	195.63	7.93	187.7		240	0.52	<0.5	<0.5	<0.5	1.2	****
RS-09	3/26/2012	195.63	6.12	189.51		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	9/12/2012	195.63	7.16	188.47		110	<0.5	<0.5	<0.5	<0.5	na	****
RS-10	12/14/1989											
RS-10	09/04/96											
RS-10	12/11/96											
RS-10	2/21/97											
RS-10	5/28/97											
RS-10	9/2/1997											
RS-10	11/24/1997											
RS-10	2/25/1998											
RS-10	7/8/1998											
RS-10	9/16/1998											
RS-10	11/24/1998											
RS-10	2/23/1999											
RS-10	5/5/1999											
RS-10	8/26/1999	208.46	3.76	204.7		5100	**160**	**340**	190	1000	**32**	*
RS-10	11/10/1999	208.46	3.83	204.63		500	**7**	2	2	4	<0.5	
RS-10	2/9/2000	208.46	0.31	208.15		100	**4**	3	1	6	<0.5	
RS-10	6/30/2000	208.46	2.22	206.24		640	**5**	2	4	2	<0.5	
RS-10	8/8/2000	208.46	2.46	206		460	**2**	2	2	7	<0.5	
RS-10	11/16/2000	208.46	2.46	206		360	**1**	1	2	<1	<0.5	
RS-10	3/8/2001	208.46	2.82	205.64		53	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/31/2001	208.46	4.93	203.53		210	<0.5	<0.5	1.5	5	<5	****
RS-10	12/18/2001	208.46	2.10	206.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	2/19/2002	208.46	2.29	206.17		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/7/2002	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/6/2002	208.46	4.11	204.35		<50	<0.5	0.7	<0.5	1.6	<0.5	****
RS-10	11/5/2002	208.46	4.05	204.41		54	<0.5	1.2	<0.5	1.1	<0.5	****
RS-10	12/12/2002	208.46	6.81	201.65								
RS-10	3/13/2003	208.46	3.00	205.46		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/6/2003	208.46	2.55	205.91		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/13/2003	208.46	3.68	204.78		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	11/20/2003	208.46	4.45	204.01		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	1/22/2004	208.46										
RS-10	3/30/2004	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/10/2004	208.46	4.85	203.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/28/2004	208.46	6.75	201.71		<50	**4.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/8/2004	208.46	1.74	206.72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/23/2005	208.46	1.85	206.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/1/2005	208.46	2.88	205.58		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-10	9/21/2005	208.46	4.35	204.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/7/2005	208.46	3.38	205.08		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/28/2006	208.46	1.75	206.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/21/2006	208.46	2.91	205.55		350	**110**	0.73	2.8	1.9	<0.5	****
RS-10	9/13/2006	208.46	4.18	204.28		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/21/2006	208.46	2.78	205.68		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/12/2007	208.46	2.80	205.66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/20/2007	208.46	4.25	204.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/26/2007	208.46	4.38	204.08		150	<0.5	<0.5	2.8	16	<0.5	****
RS-10	12/18/2007	208.46	4.38	204.08		220	<0.5	<0.5	0.64	8.4	<0.5	****
RS-10	3/12/2008	208.46	2.97	205.49		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/25/2008	208.46	6.93	201.53		360	0.82	1.1	<0.5	1	<0.5	****
RS-10	9/17/2008	208.46	6.97	201.49		120	1.1	<0.5	0.78	<0.5	<0.5	****
RS-10	12/17/2008	208.46	3.72	204.74		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/31/2009	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/8/2009	208.46	7.80	200.66		77	**5.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/24/2010	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/30/2010	208.46				no access						
RS-10	9/16/2010	208.46	5.78	202.68		53	4.4	3.6	0.8	1.4	<0.5	****
RS-10	4/6/2011	208.46	2.34	206.12		no sample						
RS-10	6/29/2011	208.46	2.40	206.06		no sample						
RS-10	9/14/2011	208.46	5.97	202.49		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/26/2012	208.46	2.55	205.91		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/126/2012	208.46	6.15	202.31		68	0.95	<0.5	<0.5	<0.5	na	****
R1	12/14/1989											
R1	09/04/96	227.69	15.00	212.69		1800	**1100**	3	29	< 10	< 30	
R1	12/11/96	227.69	10.30	217.39		<50	<0.5	< 0.5	< 0.5	< 1	4	
R1	2/21/97	227.69	11.88	215.81		2500	**670**	9	3	13	<0.5	*
R1	5/28/97	227.69	14.03	213.66		24000	**4300**	36	**2000**	370	<0.5	*
R1	9/2/1997	227.69	14.98	212.71		4400	**320**	6	**340**	72	20	
R1	11/24/1997	227.69	14.06	213.63		100	**39**	1	18	10	<0.5	
R1	2/25/1998	227.69	8.93	218.76		1200	**400**	8	13	150	<0.5	
R1	7/8/1998	227.69	11.36	216.33		68	**14**	< 0.5	< 0.5	< 1	<1	*
R1	9/16/1998	227.69	13.30	214.39		16000	**3400**	92	< 0.5	410	<1	*
R1	11/24/1998	227.69	10.72	216.97		340	**19**	1.6	35	9.7	<0.5	
R1	2/23/1999	227.69	9.34	218.35		60	**16**	0.6	5.6	1.2	<0.5	
R1	5/5/1999	227.69	11.30	216.39		1300	**290**	3	150	1	**15**	
R1	8/26/1999	227.69	13.97	213.72		6500	**630**	<0.5	**1300**	<1	<1	
R1	11/10/1999	227.69	13.73	213.96		480	**12**	4	22	9	<0.5	
R1	2/9/2000	227.69	13.10	214.59		<50	**8**	<0.5	1	<1	<0.5	
R1	6/30/2000	227.69	13.42	214.27		2600	**350**	35	**1900**	220	<0.5	
R1	8/8/2000	227.69	14.25	213.44		10000	**910**	76	**2100**	390	<0.5	
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/31/2001	227.69	15.77	211.92		3800	**400**	16	**470**	67	<5	****
R1	12/18/2001	227.69	9.90	217.79		<50	<0.5	<0.5	1.5	<0.5	<0.5	****
R1	2/19/2002	227.69	10.86	216.83		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/7/2002	227.69	16.17	211.52		53	**3.3**	<0.5	1	<0.5	<0.5	****
R1	8/6/2002	227.69	16.83	210.86		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	11/5/2002	227.69	16.92	210.77	dry, groundwater deeper than 210.77 foot elevation							
R1	12/12/2002	227.69	16.94	210.75								
R1	3/13/2003	227.69	15.69	212		<50	**4.5**	<0.5	<0.5	<0.5	<0.5	****
R1	5/6/2003	227.69	10.75	216.94		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	8/13/2003	227.69	16.04	211.65		430	**17**	<0.5	1.4	1.1	<0.5	****
R1	11/20/2003	227.69	dry									
R1	1/22/2004	227.69	14.40	213.29								
R1	3/30/2004	227.69	14.05	213.64		<50	**2.8**	<0.5	<0.5	<0.5	<0.5	****
R1	6/10/2004	227.69	15.85	211.84		3200	**85**	2.6	38	8.3	<0.5	****
R1	9/28/2004	227.69	15.06	212.63		2000	**35**	2.2	12	4.4	<0.5	****
R1	12/8/2004	227.69	9.70	217.99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/23/2005	227.69	8.58	219.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/1/2005	227.69	13.30	214.39		330	**12**	<0.5	1.6	1.4	<0.5	****
R1	9/21/2005	227.69	14.92	212.77		3400	**20**	1.3	13	4.4	<0.5	****
R1	12/7/2005	227.69	15.50	212.19		1100	**4.2**	0.65	1.5	0.94	<0.5	****
R1	3/28/2006	227.69	8.82	218.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/21/2006	227.69	11.35	216.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/13/2006	227.69	13.55	214.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/21/2006	227.69	14.35	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2007	227.69	11.76	215.93		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

TABLE 1
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DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R1	6/20/2007	227.69	13.48	214.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/26/2007	227.69	15.08	212.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/18/2007	227.69	15.25	212.44		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2008	227.69	12.62	215.07		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/25/2008	227.69	15.92	211.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	12/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	3/31/2009	227.69	12.85	214.84		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/8/2009	227.69	15.60	212.09		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/24/2010	227.69	12.40	215.29		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/30/2010	227.69	14.03	213.66		no samples						
R1	9/16/2010	227.69	14.56	213.13		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	4/6/2011	227.69	9.90	217.79		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/29/2011	227.69	14.52	213.17		no samples						
R1	9/14/2011	227.69	14.95	212.74		1900	**3.5**	0.63	3.2	1.7	<0.5	****
R1	3/26/2012	227.69	12.20	215.49		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/12/2012	227.69	15.27	212.42		650	4.4	<0.5	<0.5	<0.5	na	****
R2	12/14/1989											
R2	09/04/96	230.68	13.44	217.24		14000	**7600**	<10	170	190	<100	
R2	12/11/96	230.68	12.42	218.26		488	**300**	1	< 0.5	30	**16**	
R2	2/21/97	230.68	10.50	220.18		5700	**2100**	5	2	10	3	*
R2	5/28/97	230.68	13.10	217.58		36000	**14000**	63	260	220	<0.5	*
R2	9/2/1997	230.68	14.16	216.52		30000	**12000**	**330**	**1000**	790	**47**	
R2	11/24/1997	230.68	14.71	215.97		41000	**15000**	**830**	**1500**	**4200**	<0.5	*
R2	2/25/1998	230.68	7.39	223.29		800	**400**	<0.5	<0.5	15	<0.5	*
R2	7/8/1998	230.68	11.27	219.41		290	**31**	< 0.5	1	< 1	2	*
R2	9/16/1998	230.68	13.73	216.95		6600	**11000**	24	<0.5	35	<1	*
R2	11/24/1998	230.68	11.67	219.01		6100	<0.5	36	<0.5	21	<0.5	
R2	2/23/1999	230.68	7.55	223.13		1100	**310**	3	2	26	<0.5	
R2	5/5/1999	230.68	10.89	219.79		11000	**5300**	7	36	7	8	
R2	8/26/1999	227.28	13.14	214.14		6700	**940**	33	190	240	<1	*
R2	11/10/1999	227.28	14.42	212.86		5100	**2600**	**160**	**1800**	**8100**	<0.5	*
R2	2/9/2000	227.28	12.45	214.83		4700	**1400**	110	130	340	<0.5	
R2	6/30/2000	227.28	12.94	214.34		7100	**3200**	110	**300**	480	<0.5	
R2	8/8/2000	227.28	13.58	213.7		30000	**13000**	**250**	**1000**	**2700**	<0.5	
R2	11/16/2000	227.28	14.33	212.95		44000	**17000**	**230**	**790**	**3600**	<0.5	
R2	3/8/2001	227.28	11.15	216.13		2300	**640**	8.6	61	170	<2	****
R2	5/31/2001	227.28	13.38	213.9		2200	**580**	12	72	100	<25	****
R2	12/18/2001	227.28	12.35	214.93		4900	**2000**	120	44	280	<5	****
R2	2/19/2002	227.28	11.32	215.96		2100	**1200**	<5	14	<5	<5	****
R2	5/7/2002	227.28	13.15	214.13		2500	**660**	7.5	170	26	<2.5	****
R2	8/6/2002	227.28	14.51	212.77		6300	**1800**	**150**	220	340	<5	****
R2	11/5/2002	227.28	15.46	211.82		11000	**3000**	140	57	620	<20	****
R2	12/12/2002	227.28	15.70	211.58								
R2	3/13/2003	227.28	12.96	214.32		580	**200**	1.2	5.4	3.8	<1	****
R2	5/6/2003	227.28	11.14	216.14		70	**25**	<0.5	<0.5	1.3	<0.5	****
R2	8/13/2003	227.28	14.01	213.27		1800	**340**	8	49	12	<2	****
R2	11/20/2003	227.28	15.35	211.93		8000	**1400**	46	57	490	<5	****
R2	1/22/2004	227.28	12.10	215.18								
R2	3/30/2004	227.28	11.48	215.8		<50	**3**	<0.5	<0.5	<0.5	<0.5	****
R2	6/10/2004	227.28	13.95	213.33		77	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/28/2004	227.28	14.80	212.48		500	**120**	2	25	2.7	0.71	****
R2	12/8/2004	227.28	12.25	215.03		100	**8.5**	<0.5	<0.5	5	<0.5	****
R2	3/23/2005	227.28	7.82	219.46		57	**8.4**	<0.5	<0.5	<0.5	<0.5	****
R2	6/1/2005	227.28	12.14	215.14		85	**5.2**	<0.5	<0.5	<0.5	<0.5	****
R2	9/21/2005	227.28	13.97	213.31		900	**120**	1.3	2.5	4.8	<0.5	****
R2	12/7/2005	227.28	14.51	212.77		150	**8.4**	<0.5	<0.5	0.5	<0.5	****
R2	3/28/2006	227.28	7.30	219.98		<50	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	6/21/2006	227.28	11.90	215.38		68	**4.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/13/2006	227.28	13.66	213.62		54	0.52	<0.5	<0.5	<0.5	<0.5	****
R2	12/21/2006	227.28	14.43	212.85		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/12/2007	227.28	12.37	214.91		210	**63**	<0.5	1.8	<0.5	<0.5	****
R2	6/20/2007	227.28	14.08	213.2		1300	**250**	3.6	2.7	4.1	<0.5	****
R2	9/26/2007	227.28	15.41	211.87		230	**28**	<0.5	<0.5	2.5	<0.5	****
R2	12/18/2007	227.28	15.87	211.41		98	<0.5	<0.5	<0.5	2.5	<0.5	****
R2	3/12/2008	227.28	11.45	215.83		<50	0.59	<0.5	<0.5	<0.5	<0.5	****
R2	6/25/2008	227.28	14.98	212.3		79	**11**	<0.5	<0.5	<0.5	<0.5	****
R2	9/17/2008	227.28	16.03	211.25		87	**1.8**	<0.5	5.6	0.92	<0.5	****
R2	12/17/2008	227.28			no sample water in shoe of casing, not representative							

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R2	3/31/2009	227.28	11.42	215.86		<50	**5.5**	<0.5	<0.5	<0.5	<0.5	****
R2	9/8/2009	227.28	15.50	211.78		56	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/24/2010	227.28	11.10	216.18		140	**16**	<0.5	<0.5	<0.5	<0.5	****
R2	6/30/2010	227.28	13.30	213.98		no samples						
R2	9/16/2010	227.28	14.28	213		54	0.68	<0.5	<0.5	<0.5	<0.5	****
R2	4/6/2011	227.28	9.15	218.13		170	**16**	<0.5	<0.5	<0.5	<0.5	****
R2	6/29/2011	227.28	13.12	214.16		no samples						
R2	9/14/2011	227.28	14.15	213.13		1900	**130**	4.9	11	5.4	<0.5	****
R2	3/26/2012	227.28	13.55	213.73		58	**2.2**	<0.5	<0.5	<0.5	<0.5	****
R2	9/12/2012	227.28	14.80	212.48		250	**5.3**	<0.5	1	<0.5	na	****
R3	12/14/1989											
R3	09/04/96	230.32	9.90	220.42		<50	<0.5	<0.5	<0.5	<2	<5	
R3	12/11/96	230.32	8.18	222.14		<50	<0.5	<0.5	<0.5	<1	5	
R3	2/21/97	230.32	6.76	223.56		340	**35**	59	8	54	<0.5	*
R3	5/28/97	230.32	9.98	220.34		<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	9/2/1997	230.32	10.86	219.46		<50	**4**	<0.5	<0.5	<1	<0.5	*
R3	11/24/1997	230.32	11.20	219.12	not enough water to sample. No sample							
R3	2/25/1998	230.32	3.42	226.9		<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	7/8/1998	230.32	8.78	221.54		140	<0.5	<0.5	4	24	<1	*
R3	9/16/1998	230.32	10.38	219.94		<50	<0.5	<0.5	<0.5	<1	<1	*
R3	11/24/1998	230.32	11.12	219.2	not enough water to sample. No sample							
R3	2/23/1999	230.32	3.95	226.37		<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	5/5/1999	230.32	7.58	222.74		80	**9**	<0.5	<0.5	<1	6	
R3	8/26/1999	227.25	10.76	216.49		<50	**2**	<0.5	<0.5	<1	1	*
R3	11/10/1999	227.25	11.09	216.16		140	**3**	4	1	11	<0.5	
R3	2/9/2000	227.25	8.76	218.49		<50	**2**	<0.5	<0.5	<1	<0.5	
R3	6/30/2000	227.25	9.67	217.58		<50	0.7	<0.5	1	1	<0.5	
R3	8/8/2000	227.25	10.44	216.81		72	<0.5	<0.5	<0.5	<1	<0.5	
R3	11/16/2000	227.25	10.26	216.99		110	**4**	1	<0.5	3	<0.5	
R3	3/8/2001	227.25	6.54	220.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/31/2001	227.25	10.01	217.24		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/18/2001	227.25	6.79	220.46		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	2/19/2002	227.25	7.86	219.39		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/7/2002	227.25	9.20	218.05		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/6/2002	227.25	10.62	216.63		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	11/5/2002	227.25	11.07	216.18		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/12/2002	227.25	11.28	215.97								
R3	3/13/2003	227.25	8.69	218.56		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/2003	227.25	8.02	219.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/2003	227.25	dry		DRY							
R3	11/20/2003	227.25	dry		DRY							
R3	1/22/2004	227.25	7.30	219.95								
R3	3/30/2004	227.25	7.85	219.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/10/2004	227.25	10.30	216.95		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/28/2004	227.25	dry		DRY							
R3	12/8/2004	227.25	9.00	218.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/23/2005	227.25	4.90	222.35		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/1/2005	227.25	8.60	218.65		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/21/2005	227.25	10.80	216.45		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/7/2005	227.25	11.12	216.13	no sample water in shoe of casing, not representative							
R3	3/28/2006	227.25	3.72	223.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/21/2006	227.25	8.82	218.43		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/13/2006	227.25	10.52	216.73		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/21/2006	227.25	9.97	217.28		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/12/2007	227.25	7.45	219.8		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/20/2007	227.25	10.43	216.82		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/26/2007	227.25			no sample water in shoe of casing, not representative							
R3	12/18/2007	227.25			no sample water in shoe of casing, not representative							
R3	3/12/2008	227.25	7.93	219.32		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/25/2008	227.25	10.87	216.38		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	12/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	3/31/2009	227.25	7.27	219.98		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/8/2009	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/24/2010	227.25	7.22	220.03		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/30/2010	227.25	9.95	217.3		no samples						
R3	9/16/2010	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	4/6/2011	227.25	5.50	221.75		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/29/2011	227.25	9.40	217.85		no samples						

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R3	9/14/2011	227.25	10.94	216.31		no samples, stagnant water trapped in casing shoe						
R3	3/26/2012	227.25	7.80	219.45		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/12/2012	227.25	10.95	216.3		no samples, stagnant water trapped in casing shoe						****
T 1	12/14/1989											
T 1	09/04/96											
T 1	12/11/96											
T 1	2/21/97											
T 1	5/28/97											
T 1	9/2/1997											
T 1	11/24/1997											
T 1	2/25/1998											
T 1	7/8/1998											
T 1	9/16/1998											
T 1	11/24/1998											
T 1	2/23/1999											
T 1	5/5/1999											
T 1	8/26/1999	195.11	2.44	192.67		40000	**7200**	**5000**	**950**	**8100**	**53**	*
T 1	11/10/1999	195.11	2.23	192.88		46000	**5600**	**3600**	**910**	**6500**	<0.5	
T 1	2/9/2000	195.11	2.22	192.89		35000	**2900**	**5700**	**720**	**6600**	<0.5	
T 1	6/30/2000	195.11	2.22	192.89		30000	**3400**	**3200**	**950**	**4600**	<5	
T 1	8/8/2000	195.11	2.73	192.38		8900	**1600**	**760**	260	870	<5	
T 1	11/16/2000	195.11	2.72	192.39		4000	**1300**	92	80	290	<0.5	
T 1	3/8/2001	195.11	2.12	192.99		25000	**4400**	**3400**	**770**	**3200**	**26**	****
T 1	5/31/2001	195.11	2.30	192.81		8900	**940**	**210**	**340**	1500	<50	****
T 1	12/18/2001	195.11	2.20	192.91		48000	**3700**	**5500**	**1200**	**5300**	**24**	****
T 1	2/19/2002	195.11	1.96	193.15		64000	**8600**	**6000**	**1700**	**6800**	**55**	****
T 1	5/7/2002	195.11	2.22	192.89		41000	**9200**	**910**	**2000**	**6200**	**62**	****
T 1	8/6/2002	195.11	2.32	192.79		28000	**5500**	**240**	**1300**	**2600**	**32**	****
T 1	11/5/2002	195.11	2.52	192.59		11000	**3000**	65	**660**	610	**18**	****
T 1	12/12/2002	195.11	2.55	192.56								
T 1	3/13/2003	195.11	2.23	192.88		930	**150**	17	23	60	2.6	****
T 1	5/6/2003	195.11	2.37	192.74		6800	**1000**	**230**	**310**	820	10	****
T 1	8/13/2003	195.11	2.41	192.7		9600	**1500**	110	**440**	910	10	****
T 1	11/20/2003	195.11	2.50	192.61		10000	**1800**	120	**520**	510	11	****
T 1	1/22/2004	195.11										
T 1	3/30/2004	195.11				15000	**1800**	**660**	**610**	**2000**	8.6	****
T 1	6/10/2004	195.11	2.40	192.71		5500	**570**	2	240	130	2.7	****
T 1	9/28/2004	195.11	2.52	192.59		8700	**2600**	100	**450**	15	**15**	****
T 1	12/8/2004	195.11	1.96	193.15		2900	**820**	32	14	47	6.9	****
T 1	3/23/2005	195.11	car			2800	**220**	3	120	76	1.7	****
T 1	6/1/2005	195.11	2.25	192.86		46000	**14000**	**650**	**1900**	**2900**	**54**	****
T 1	9/21/2005	195.11	2.42	192.69		17000	**4500**	**81**	**620**	**200**	**28**	****
T 1	12/7/2005	195.11	2.26	192.85		18000	**4000**	**480**	**780**	**1100**	**25**	****
T 1	3/28/2006	195.11	car			27000	**4400**	**1600**	**890**	**2700**	**20**	****
T 1	6/21/2006	195.11	2.48	192.63		14000	**5200**	**310**	**270**	**680**	**19**	****
T 1	9/13/2006	195.11	2.43	192.68		12000	**5100**	88	230	320	**22**	****
T 1	12/21/2006	195.11	2.28	192.83		18000	**4600**	**620**	**850**	**2000**	**21**	****
T 1	3/12/2007	195.11	2.24	192.87		19000	**4700**	**750**	**870**	**2300**	**16**	****
T 1	6/20/2007	195.11	2.47	192.64		12000	**4300**	130	170	250	**18**	****
T 1	9/26/2007	195.11	2.52	192.59		10000	**4200**	63	45	68	**14**	****
T 1	12/18/2007	195.11	1.75	193.36		12000	**3000**	**450**	**360**	480	**15**	****
T 1	3/12/2008	195.11	2.23	192.88		22000	**6600**	**1200**	**960**	**2300**	**25**	****
T 1	6/25/2008	195.11	2.55	192.56		13000	**5200**	**160**	**300**	280	**18**	****
T 1	9/17/2008	195.11	3.12	191.99		8600	**3400**	**47**	**29**	81	9.4	****
T 1	12/17/2008	195.11	2.32	192.79		5600	**1500**	**130**	**140**	310	4.9	****
T 1	3/31/2009	195.11	2.32	192.79		24000	**5800**	**830**	**1300**	**3700**	**16**	****
T 1	9/8/2009	195.11	2.90	192.21		7900	**2700**	**57**	**50**	**180**	7.8	****
T 1	3/24/2010	195.11	2.25	192.86		22000	**5800**	**640**	**1200**	**2500**	**18**	****
T 1	6/30/2010	195.11				no access, parked cars						
T 1	9/16/2010	195.11	2.34	192.77		13000	**5100**	**58**	**110**	**110**	<15	****
T 1	4/6/2011	195.11	2.00	193.11		41000	**12000**	**3000**	**1200**	**3300**	**30**	****
T 1	6/29/2011	195.11	8.08	187.03		3500	**500**	**300**	65	520	2.8	****
T 1	9/14/2011	195.11	12.00	183.11		1200	**10**	5.7	8.6	85	<0.5	****
T 1	3/26/2012	195.11	10.50	184.61		3600	**470**	**160**	60	370	2.4	****
T 1	9/12/2012	195.11	2.43	192.68		8400	**2100**	**120**	120	420	na	****
T 2	1/22/2004	195.3	2.54	192.76		see T1 for sample results						
T 2	3/30/2004	195.3	2.50	192.8		see T1 for sample results						
T 2	6/10/2004	195.3	2.60	192.7		see T1 for sample results						

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T 2	9/28/2004	195.3	car			see T1 for sample results						
T 2	12/8/2004	195.3	2.04	193.26		see T1 for sample results						
T 2	3/23/2005	195.3	car			see T1 for sample results						
T 2	6/1/2005	195.3	car			see T1 for sample results						
T 2	9/21/2005	195.3	car			see T1 for sample results						
T 2	12/7/2005	195.3	car			see T1 for sample results						
T 2	3/28/2006	195.3	2.00	193.3		see T1 for sample results						
T 2	6/21/2006	195.3	car			see T1 for sample results						
T 2	9/13/2006	195.3	car			see T1 for sample results						
T 2	12/21/2006	195.3	car			see T1 for sample results						
T 2	3/12/2007	195.3	car			see T1 for sample results						
T 2	6/20/2007	195.3	car			see T1 for sample results						
T 2	9/26/2007	195.3	car			see T1 for sample results						
T 2	12/18/2007	195.3	car			see T1 for sample results						
T 2	3/12/2008	195.3	car			see T1 for sample results						
T 2	6/25/2008	195.3	car			see T1 for sample results						
T 2	9/17/2008	195.3	car			see T1 for sample results						
T 2	12/17/2008	195.3	car			see T1 for sample results						
T 2	3/31/2009	195.3	car			see T1 for sample results						
T 2	9/8/2009	195.3	car			see T1 for sample results						
T 2	3/24/2010	195.3	car			see T1 for sample results						
T 2	6/30/2010	195.3	car									
T 2	9/16/2010	195.3	car									
T 2	6/29/2011	195.3	8.18	187.12		see T1 for sample results						
T 2	9/14/2011	195.3	10.97	184.33		see T1 for sample results						
T 2	3/26/2012	195.3	10.85	184.45		see T1 for sample results						
T 2	9/12/2012	195.3	2.61	192.69		160	**42**	<0.05	<0.05	<0.05	na	a
T 3	1/22/2004	202.38				see T1 for sample results						
T 3	6/10/2004	202.38	9.80	192.58		see T1 for sample results						
T 3	9/28/2004	202.38	9.90	192.48		see T1 for sample results						
T 3	12/8/2004	202.38	9.24	193.14		see T1 for sample results						
T 3	3/23/2005	202.38	car			see T1 for sample results						
T 3	6/1/2005	202.38	car			see T1 for sample results						
T 3	9/21/2005	202.38	car			see T1 for sample results						
T 3	12/7/2005	202.38	car			see T1 for sample results						
T 3	3/28/2006	202.38	car			see T1 for sample results						
T 3	6/21/2006	202.38	car			see T1 for sample results						
T 3	9/13/2006	202.38	car			see T1 for sample results						
T 3	12/21/2006	202.38	car			see T1 for sample results						
T 3	3/12/2007	202.38	car			see T1 for sample results						
T 3	6/20/2007	202.38	car			see T1 for sample results						
T 3	9/26/2007	202.38	car			see T1 for sample results						
T 3	12/18/2007	202.38	car			see T1 for sample results						
T 3	3/12/2008	202.38	car			see T1 for sample results						
T 3	6/25/2008	202.38	car			see T1 for sample results						
T 3	9/17/2008	202.38	car			see T1 for sample results						
T 3	12/17/2008	202.38	car			see T1 for sample results						
T 3	3/31/2009	202.38	car			see T1 for sample results						
T 3	9/8/2009	202.38	car			see T1 for sample results						
T 3	3/24/2010	202.38	car			see T1 for sample results						
T 3	6/30/2010	202.38	car									
T 3	9/16/2010	202.38	car			see T1 for sample results						
T 3	6/29/2011	202.38	11.20	191.18		see T1 for sample results						
T 3	9/14/2011	202.38	11.37	191.01		see T1 for sample results						
T 3	3/26/2012	202.38	car			see T1 for sample results						
T 3	9/12/2012	202.38	car			see T1 for sample results						
T4	1/22/2004	197.48	4.70	192.78		see T1 for sample results						
T4	3/30/2004	197.48	4.66	192.82		see T1 for sample results						
T4	6/10/2004	197.48	4.76	192.72		see T1 for sample results						
T4	9/28/2004	197.48	4.86	192.62		see T1 for sample results						
T4	12/8/2004	197.48	4.21	193.27		see T1 for sample results						
T4	3/23/2005	197.48	4.35	193.13		see T1 for sample results						
T4	6/1/2005	197.48	car			see T1 for sample results						
T4	9/21/2005	197.48	car			see T1 for sample results						
T4	12/7/2005	197.48	car			see T1 for sample results						
T4	3/28/2006	197.48	car			see T1 for sample results						
T4	6/21/2006	197.48	car			see T1 for sample results						
T4	9/13/2006	197.48	car			see T1 for sample results						

TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T4	12/21/2006	197.48	car			see T1 for sample results						
T4	3/12/2007	197.48	car			see T1 for sample results						
T4	6/20/2007	197.48	car			see T1 for sample results						
T4	9/26/2007	197.48	car			see T1 for sample results						
T4	12/18/2007	197.48	car			see T1 for sample results						
T4	3/12/2008	197.48	car			see T1 for sample results						
T4	6/25/2008	197.48	car			see T1 for sample results						
T4	9/17/2008	197.48	car			see T1 for sample results						
T4	12/17/2008	197.48	car			see T1 for sample results						
T4	3/31/2009	197.48	car			see T1 for sample results						
T4	9/8/2009	197.48	car			see T1 for sample results						
T4	3/24/2010	197.48	car			see T1 for sample results						
T4	6/30/2010	197.48	car			see T1 for sample results						
T4	9/16/2010	197.48	car			see T1 for sample results						
T4	6/29/2011	197.48	car			see T1 for sample results						
T4	9/14/2011	197.48	car			see T1 for sample results						
T4	3/26/2012	197.48	car			see T1 for sample results						
T4	9/12/2012	197.48	car			see T1 for sample results						
LF 1	1/22/2004	226.59	29.12	197.47								
LF 1	3/30/2004	226.59	26.45	200.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/10/2004	226.59	27.57	199.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/28/2004	226.59	28.72	197.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/8/2004	226.59	car									
LF 1	3/23/2005	226.59	car									
LF 1	6/1/2005	226.59	car									
LF 1	9/21/2005	226.59	car									
LF 1	12/7/2005	226.59	26.67	199.92		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/28/2006	226.59	25.25	201.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/21/2006	226.59	23.05	203.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/13/2006	226.59	29.23	197.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/21/2006	226.59	32.12	194.47		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/12/2007	226.59	31.47	195.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/20/2007	226.59	32.72	193.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/26/2007	226.59	31.82	194.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/18/2007	226.59			car							
LF 1	3/12/2008	226.59	32.06	194.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/25/2008	226.59			well is no longer there							

na	not analyzed
ND	BELOW LABORATORY DETECTION LIMITS
TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
*	MTBE results confirmed by EPA Method 8260 (GC/MS)
**	LAB REPORT HAD RS-6 AND RS-7 MISLABELED, RESAMPLE ON 7/30/98 CONFIRMED.
	WELL CASING ELEVATION SURVEY 8-27-99, WADE HAMMOND No.6163,BENCH MARK CITY OF OAKLAND #2814
****	SAMPLES ANALYZED USING EPA METHOD 8260B
a	SAMPLES OBTAINED FROM TOP OF WELL WATER, NO PURGEING.

TABLE 2
GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

Company	Date	Meter Reading in Gallons RS5	Meter Reading in Gallons T1	Depth to top water in feet T1	Depth to top water in feet RS05	Gallons Purged 1/4ly samples	Accumulated gallons removed from T1 & wells in Gallons	Accumulated gallons removed from RS5 Gallons	Total Gallons Removed wells	pump rate gallons/ minute RS5/EX	pump rate gallons/ minute T1/T2	INFLUENT CONCENTRATIONS EPA METHOD 8020 - 8260**B** TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location	Date Sampled
								0											
	New discharge permit with continueous pumping T1 and RS5/excavation well																		
		meter# 52122813.0	meter # 52122836.0																
WEGE	3/30/2011	1.0	1.0			0	93583	1621019.3	1714602.7			conncected pumps, carbons and filters, no pumping, start-up 4/6/2011							
WEGE	4/6/2011	4.8	137.0	2	12.62	65	93784	1621023.1	1714807.3	0.0	0.0	41000	12000	3000	1200	3300	30	T1	4/6/2011
WEGE	4/10/2011	6146.2	7063.8				100711	1627164.5	1727875.5	1.1	1.2	4800	100	31	200	370	<0.9	RS5	4/6/2011
WEGE	4/13/2011	6171.5	7135.0				100782	1627189.8	1727972.0	0.0	0.0	restart system							
WEGE	4/20/2011	12537.0	16587.5				110235	1633555.3	1743790.0	0.6	0.9								
WEGE	4/27/2011	21394.0	24802.0	11	28.7		118449	1642412.3	1760861.5	0.9	0.8								
WEGE	5/4/2011	29362.0	31025.0	10.96	22.9		124672	1650380.3	1775052.5	0.8	0.6								
WEGE	5/12/2011	37504.0	36838.0	10.98	29.4		130485	1658522.3	1789007.5	0.7	0.5								
WEGE	5/19/2011	44813.0	36848.0	3.4	27.2		130495	1665831.3	1796326.5	0.7	0.0	increase pumpage from T1							
WEGE	5/26/2011	49334.0	45685.0	11	20.12		139332	1670352.3	1809684.5	0.4	0.9								
WEGE	6/8/2011	56383.0	56453.0	7.5	18.95		150100	1677401.3	1827501.5	0.4	0.6								
WEGE	6/22/2011	66933.0	66344.5	8.7	21		159992	1687951.3	1847943.0	0.5	0.5	3500	500	300	65	520	2.8	T1	6/29/2011
WEGE	6/29/2011	70928.5	71396.5	8.08	20.22		165044	1691946.8	1856990.5	0.4	0.5	1600	99	55	11	130	1.3	RS5	6/29/2011
WEGE	7/14/2011	77761.0	81449.0	10.92	18.5		175096	1698779.3	1873875.5	0.3	0.5								
WEGE	7/28/2011	84613.0	88197.0	12.5	21.75		181844	1705631.3	1887475.5	0.3	0.3								
WEGE	8/10/2011	88284.0	94011.5	10.3	17.85		187659	1709302.3	1896961.0	0.2	0.3								
WEGE	8/24/2011	92163.0	100769.0	10.3	17.85		194416	1713181.3	1907597.5	0.2	0.3	electrical power off to compound, call PG&E							
WEGE	8/31/2011	92163.0	100769.0	4.97	16.1		194416	1713181.3	1907597.5	0.0	0.0	turn pumps back on after power restored.							
WEGE	9/8/2011	94360.0	106875.0	10.96	32.7		200522	1715378.3	1915900.5	0.2	0.5								
WEGE	9/14/2011	96014.0	109744.0	4.97	16.1		203391	1717032.3	1920423.5	0.2	0.3	1200	10	5.7	8.6	85	<0.5	T1	9/14/2011
WEGE	9/23/2011	98327.5	113700.0	11.4	19		207347	1719345.8	1926693.0	0.2	0.3	1200	7.6	4.7	6.6	74	<0.5	RS5	9/14/2011
WEGE	10/5/2011	101417.0	119364.0				213011	1722435.3	1935446.5	0.2	0.3	turn off pumps, need to repalce #1 carbon lid and influent manifold							
WEGE	10/12/2011	101417.0	119364.0	3.92	16.92		213011	1722435.3	1935446.5	0.0	0.0	replace manifold and new lid for carbon #1, turn pumps on							
												1100	200	30	8.5	100	1.4	T1	10/12/2011
												400	4.8	1.2	0.58	17	<0.5	RS5	10/12/2011
WEGE	10/27/2011	105365.0	130289.0	12	18.85		223936	1726383.3	1950319.5	0.2	0.5								
WEGE	11/17/2011	110579.0	139028.0	6.9	19.25		232675	1731597.3	1964272.5	0.2	0.3	1100	89	12	3.1	69	4.4	T1	11/17/2011
WEGE	12/1/2011	114037.0	147784.0	11.8	19.4		241431	1735055.3	1976486.5	0.2	0.4	3000	460	120	21	220	4.4	RS5	11/17/2011
WEGE	12/15/2011	117437.0	153836.0	11.96	20.2		247483	1738455.3	1985938.5	0.2	0.3								

TABLE 2
GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

Company	Date	Meter Reading in Gallons RS5	Meter Reading in Gallons T1	Depth to top water in feet T1	Depth to top water in feet RS05	Gallons Purged 1/4ly samples	Accumulated gallons removed from T1 & wells in Gallons	Accumulated gallons removed from RS5 Gallons	Total Gallons Removed wells	pump rate gallons/ minute RS5/EX	pump rate gallons/ minute T1/T2	INFLUENT CONCENTRATIONS EPA METHOD 8020 - 8260**B** TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location	Date Sampled
							0												
WEGE	12/30/2011	120923.0	159833.0	12	20		253480	1741941.3	1995421.5	0.2	0.3								
WEGE	1/12/2012	123996.0	164823.0	11.22	20.2		258470	1745014.3	2003484.5	0.2	0.3								
WEGE	1/26/2012	127348.0	177930.0	10.55	19.5		271577	1748366.3	2019943.5	0.2	0.7								
WEGE	2/9/2012	130665.0	185890.0	12.3	19.5		279537	1751683.3	2031220.5	0.2	0.4								
WEGE	2/27/2012	134987.0	194909.0	12.2	21.52		288556	1756005.3	2044561.5	0.2	0.3								
WEGE	3/14/2012	138710.0	208975.0	6.93	19.3		302622	1759728.3	2062350.5	0.2	0.6								
WEGE	3/19/2012	140131.0	226686.0	10.2	18.8		320333	1761149.3	2081482.5	0.2	2.5	repair call, pinhole leak in #1 carbon lid, remove from system							
WEGE	3/26/2012	142076.0	237437.0	10.5	24		331084	1763094.3	2094178.5	0.2	1.1	two new carbon units added to system.							
												3600	470	160	60	370	2.4	T1	3/26/2012
												1500	12	12	28	90	<0.5	RS5	3/26/2012
WEGE	4/12/2012	147304.0	262117.0	9.3	17.42		355764	1768322.3	2124086.5	0.2	1.0								
WEGE	4/24/2012	152198.0	279017.0	12.4	17.77		372664	1773216.3	2145880.5	0.3	1.0								
WEGE	5/3/2012	155696.0	285890.0	12.2	19.3		379537	1776714.3	2156251.5	0.3	0.5								
WEGE	5/17/2012	160957.0	294504.0	12.2	18.12		388151	1781975.3	2170126.5	0.3	0.4								
WEGE	5/31/2012	166039.0	302266.0	12.25	18.45		395913	1787057.3	2182970.5	0.3	0.4	1900	500	49	39	70	3.2	T1	5/31/2012
												1300	20	10	19	73	0.74	RS5	5/31/2012
WEGE	6/14/2012	170985.0	309408.0	12.2	18.65		403055	1792003.3	2195058.5	0.2	0.4								
WEGE	6/29/2012	176087.0	316512.0	11.4	19.4		410159	1797105.3	2207264.5	0.2	0.3								
WEGE	7/12/2012	180368.0	322265.0	12.25	19.04		415912	1801386.3	2217298.5	0.2	0.3								
WEGE	7/25/2012	184461.0	327757.0	11	20.07		421404	1805479.3	2226883.5	0.2	0.3	leak in #1 & #2 carbon lids, turn system off.							
												8400	2100	120	120	420	na	T1	9/12/2012
WEGE	9/12/2012	184500.0	327965.0	2.43	17.7	32	421644	1805518.3	2227162.5	2.7	7.0	3100	34	21	72	130	na	RS5	9/12/2012

na not analyzed
ug/L micrograms per liter (parts per billion)
mg/L milligrams per liter (parts per million)
WESTERN GEO-ENGINEERS

< BELOW LABORATORY LOWER DETECTION LIMITS
mg/Kg milligrams per kilogram (parts per million)
TPHg TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE
MTBE METHYL TERTIARY BUTYL ETHER

* SAMPLED ON AUGUST 26, 1999
T1 Receptor Trench Well
RS5 Monitor Well RS5 (pumping well)

TABLE 3
WASTEWATER DISCHARGE PERMIT # 5043550 1
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

WASTEWATER SOURCE ID	DATE	METER READING IN GALLONS #35635668	NEW METER IN GALLONS #47083426	GALLONS DISCHARGED BETWEEN VISITS	ACCUMULATIVE GALLONS DISCHARGED	AVERAGE DISCHARGE PER MINUTE IN GALLONS	EPA METHOD 8260B BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MtBE ug/L	COMMITS
REMOVE PUMP AND DISCONTINUE SEWER DISCHARGE ON July 19, 2001, COMMENCE 1/4LY DISCHARGE												
F1 (PSP No. 1)	6/8/2011			714280	17735	1826181	0.95					
F1 (PSP No. 1)	6/22/2011			734506	20226	1846407	1.00					
F1 (PSP No. 1)	6/29/2011			743573	9067	1855474	0.90					
						47028	total gallons discharged (June 2011)					
F1 (PSP No. 1)	7/14/2011			760404	16831	1872305	0.78					
F1 (PSP No. 1)	7/28/2011			774005	13601	1885906	0.67	change out pump heads (T1 & RS05), clogged with bio				
						30432	total gallons discharged (July 2011)					
F1 (PSP No. 1)	8/10/2011			783590.5	9586	1895492	0.51	remove carbons #1 & #2, install two new carbons				
F1 (PSP No. 1)	8/24/2011			792267	8677	1904168	0.43					
F1 (PSP No. 1)	8/31/2011			792326	59	1904227	0.01					
						18321	total gallons discharged (August 2011)					
F1 (PSP No. 1)	9/8/2011			799990	7664	1911891	0.67					
F1 (PSP No. 1)	9/14/2011			804087	4097	1915988	0.47					
F1 (PSP No. 1)	9/23/2011			809668.5	5582	1921570	0.43					
						17343	total gallons discharged (September 2011)					
F1 (PSP No. 1)	10/5/2011			817383.5	7715	1929285	0.45	turn off,#1 carbon lid needs replacing (buldge, no leak)				
F1 (PSP No. 1)	10/12/2011			817383.5	0	1929285	0.00	replace #1 lid, turn system on				
F1 (PSP No. 1)	10/27/2011			831242	13859	1943143	0.64					
						21574	total gallons discharged (October 2011)					
F1 (PSP No. 1)	11/17/2011			846322.7	15081	1958224	0.50	<0.0005	<0.0005	<0.0004	<0.0017	
F1 (PSP No. 1)	12/1/2011			853852	7529	1965753	0.37	<0.5	<0.5	<0.5	<0.5	8260 method
						22610	total gallons discharged (November 2011)					
						157307	total gallons discharged (June - November 2011)					
F1 (PSP No. 1)	12/15/2011			863138	9286	1975039	0.46					
F1 (PSP No. 1)	12/30/2011			872482	9344	1984383	0.43					
						18630	total gallons discharged (December 2011)					
F1 (PSP No. 1)	1/12/2012			880427	17289	1992328	0.43					
F1 (PSP No. 1)	1/26/2012			896933	16506	2000889	0.42					
						16506	total gallons discharged (January 2012)					
F1 (PSP No. 1)	2/9/2012			908105	11172	2012061	0.55					
F1 (PSP No. 1)	2/27/2012			921290	13185	2025246	0.51					
						24357	total gallons discharged (February 2012)					

TABLE 3
WASTEWATER DISCHARGE PERMIT # 5043550 1
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

WASTEWATER SOURCE ID	DATE	METER READING IN GALLONS #35635668	NEW METER IN GALLONS #47083426	GALLONS DISCHARGED BETWEEN VISITS	ACCUMULATIVE GALLONS DISCHARGED	AVERAGE DISCHARGE PER MINUTE IN GALLONS	EPA METHOD 8260B BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MtBE ug/L	COMMITS
REMOVE PUMP AND DISCONTINUE SEWER DISCHARGE ON July 19, 2001, COMMENCE 1/4LY DISCHARGE												
F1 (PSP No. 1)	3/14/2012			939190	17900	2043146	0.78					
F1 (PSP No. 1)	3/26/2012			970966	31776	2074922	1.84					rain influence
						49676	total gallons discharged (March 2012)					
F1 (PSP No. 1)	4/12/2012			1000716	29750	2104672	1.22					rain influence
F1 (PSP No. 1)	4/26/2012			1022319	21603	2126275	1.07					
						51353	total gallons discharged (April 2012)					
F1 (PSP No. 1)	5/3/2012			1032565	10246	2136521	1.02					
F1 (PSP No. 1)	5/17/2012			1046278	13713	2150234	0.68					
F1 (PSP No. 1)	5/31/2012			1058974	12696	2162930	0.63					
						36655	total gallons discharged (May 2012)					
						205122	total gallons discharged (December 2011 - May 2012)					
F1 (PSP No. 1)	6/14/2012			1070920	11946	2174876	0.59					
F1 (PSP No. 1)	6/29/2012			1082924	12004	2186880	0.56					
						23950	total gallons discharged (June 2012)					
F1 (PSP No. 1)	7/12/2012			1092801	9877	2196757	0.53					
F1 (PSP No. 1)	7/25/2012			1102136	9335	2206092	0.50					system turned off
						19212	total gallons discharged (July 2012)					
F1 (PSP No. 1)	8/31/2012			1102136	0	2206092	0.00					
						0	total gallons discharged (August 2012)					
F1 (PSP No. 1)	9/12/2012			1102390	254	2206346	0.01					purged well water produced from semi-annual well sample event
						254	total gallons discharged (September 2012)					

< BELOW LABORATORY LOWER DETECTION LIMITS

ug/L micrograms per liter (parts per billion)

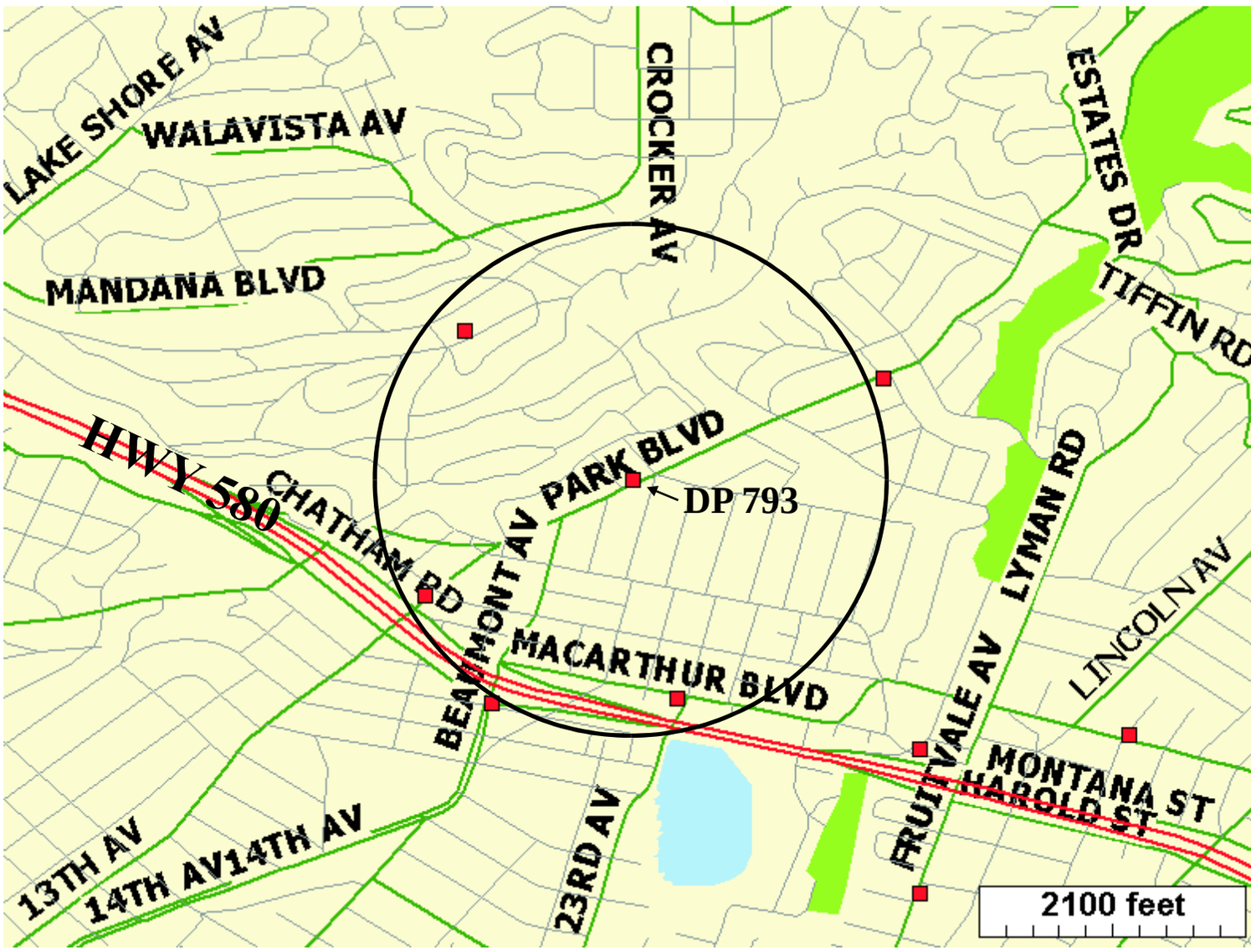
WATER DISCHARGED TO SEWER IS FROM PUMPING OF WELL T1, WELL RS5, RAIN WATER COLLECTED IN CONTAINMENT BERM AND PURGED WATER FROM MONITOR WELL SAMPLINGS.

TABLE 4
CARBON INFLUENT (TPHg removed)

Desert Petroleum DP 793
4035 Park Blvd., Oakland, CA

Date	Time	Meter Reading	Gallons Discharged Between Readings	Gallons pumped other sources	Cumulitive Gallons pumped	Method 8260 TPHg	TPHg REMOVED	TPHg accumulative	Benzene	Toluene	Ethyl-benzene	Xylenes	MtBE
						mg/L	gallons	gallons	ug/L	ug/L	ug/L	ug/L	ug/L
9/7/2006	12.00	2198734.0	16403	0	1006695	0.24	0.01	12.48	11	3.2	1.2	11	0.085
12/28/2006	12.00	2240156.7	41422.7	0	1048117.7	4.8	0.14	12.62	140	120	130	440	0.078
3/29/2007	12.00	2286519.5	46362.8	0	1094480.5	4.3	0.28	12.90	160	130	110	600	1.5
6/20/2007	12.00	2340026.5	53507	51	1147987.5	0.16	0.16	13.06	7.5	3	2.2	13	0.058
9/26/2007	12.00	2390013.5	49987	63	1197974.5	2.3	0.08	13.14	80	57	19	350	0.059
12/18/2007	12.00	2412728.5	22715	13	1220689.5	0.57	0.04	13.18	15	6.8	7.8	42	<0.5
3/12/2008	12.00	2424303.0	11574.5	0	1232264	4.6	0.04	13.22	330	110	98	440	1.9
6/25/2008	12.00	2488868.5	64565.5	85	1296829.5	0.074	0.20	13.42	3.7	<0.5	0.05	2	0.7
9/5/2008	12.00	2524336.5	35468	0	1332297.5	0.28	0.01	13.43	4.4	1.5	0.55	18	<0.5
12/17/2008	12.00	2560523.5	36187	0	1368484.5	0.45	0.02	13.45	2.3	1.2	1.8	13	<0.5
3/31/2009	12.00	2606106.5	45583	51	1414067.5	0.8	0.04	13.49	120	14	2	54	2.7
9/8/2009	12.00	2662647.5	56541	24	1470608.5	1.1	0.07	13.56	6.3	1	3.9	24	1.4
3/24/2010	12.00	2768886.5	106239	55	1576847.5	1.7	0.20	13.76	200	29	10	110	2.6
6/30/2010	12.00	2808417.9	39531.4	0	1616378.9	0.28	0.05	13.81	6.3	1.1	<0.5	19	<0.5
9/16/2010	12.00	2808417.9	0	0	1616378.9	8.4	0.00	13.81	110	31	180	640	<0.5
	New meter for RS5												
		52122813.0											
3/30/2011		1.0			1616378.9			13.81					
4/6/2011		4.8	3.8		1616382.7	4.8	0.00	13.81	100	31	200	370	<0.9
6/29/2011		70928.5	70923.7		1687306.4	1.6	0.30	14.11	99	55	11	130	1.3
9/14/2011		96014.0	25085.5		1712391.9	1.2	0.05	14.16	7.6	4.7	6.6	74	<0.5
10/12/2011		101423.0	5409		1717800.9	0.4	0.01	14.17	4.8	1.2	0.58	17	<0.5
11/17/2011		110579.0	9156		1726956.9	3	0.02	14.19	460	120	21	220	4.4
3/26/2012		142076.0	31497		1758453.9	1.5	0.09	14.28	12	12	28	90	<0.5
5/31/2012		166039.0	23963		1782416.9	1.3	0.04	14.33	20	10	19	73	0.74
9/12/2012		184500.0	18461		1800877.9	3.1	0.05	14.38	34	21	72	130	na
	New meter for T1/T2				gallons pump								
		52122836.0			T1/T2								
3/30/2011		1.0			0								
4/6/2011		4.8	3.8		3.8	41	0.00	0.00	12000	3000	1200	3300	30
6/29/2011		71396.5	71391.7		71395.5	3.5	2.12	2.12	500	300	65	520	2.8
9/14/2011		109744.0	38347.5		109743	1.2	0.12	2.24	10	5.7	8.6	85	<0.5
10/12/2011		119364.0	9620		119363	1.1	0.01	2.25	200	30	8.5	100	1.4
11/17/2011		139028.0	19664		139027	1.1	0.03	2.28	89	12	3.1	69	4.4
3/26/2012		237437.0	98409		237436	3.6	0.31	2.59	470	160	60	370	2.4
5/31/2012		302266.0	64829		302265	1.9	0.24	2.83	500	49	39	70	3.2
9/12/2012		327965.0	25699		327964	8.4	0.18	3.00	2100	120	120	420	na

< LESS THAN LABORATORY LOWER DETECTION LIMITS na not analyzed



N
W E
S

LUST SITES

WELLS

FIGURE 1
GEOTRACKER
AREA WELL & LUST MAP
DP 793
4035 PARK BLVD.
OAKLAND, CA

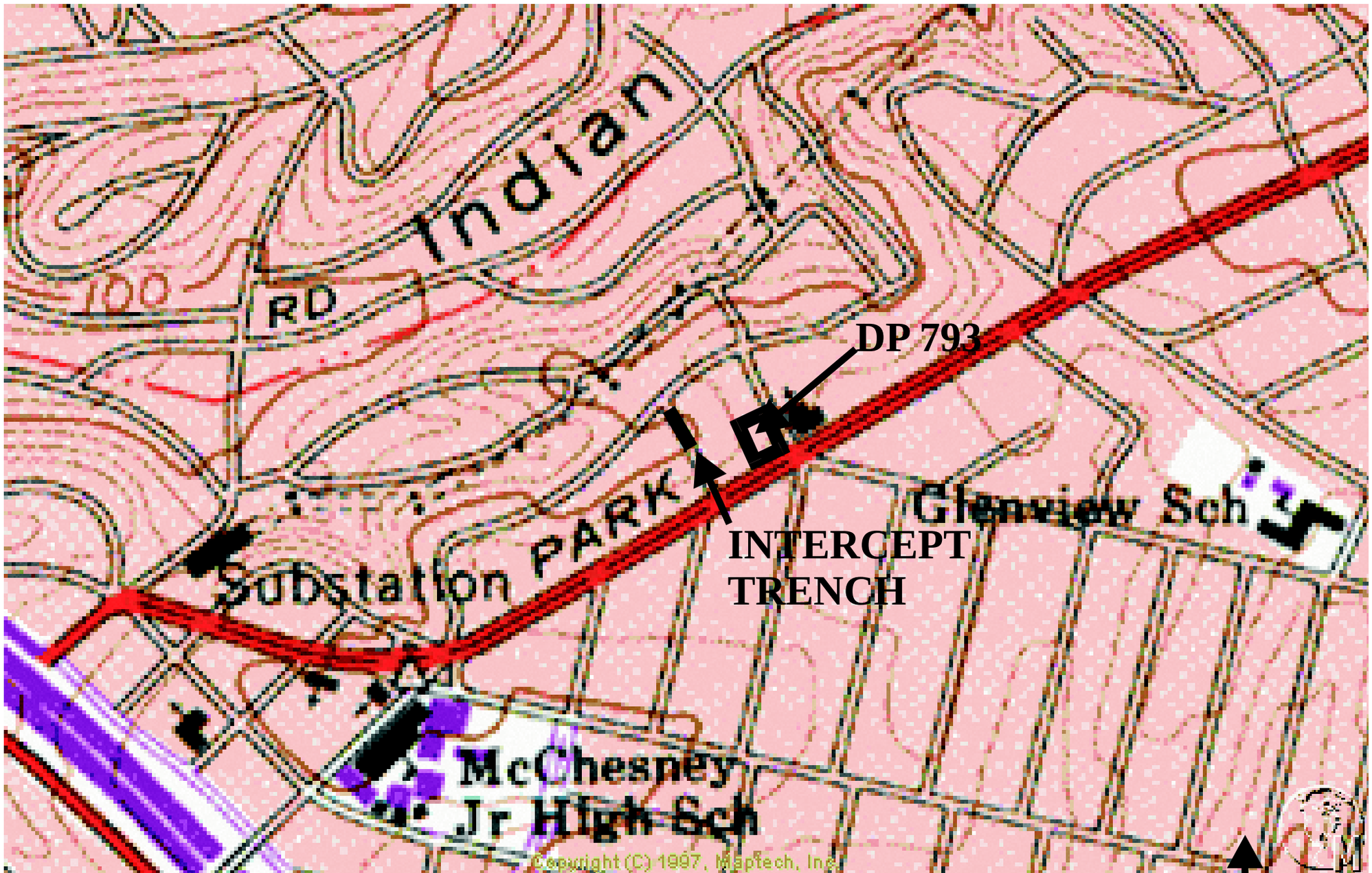


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

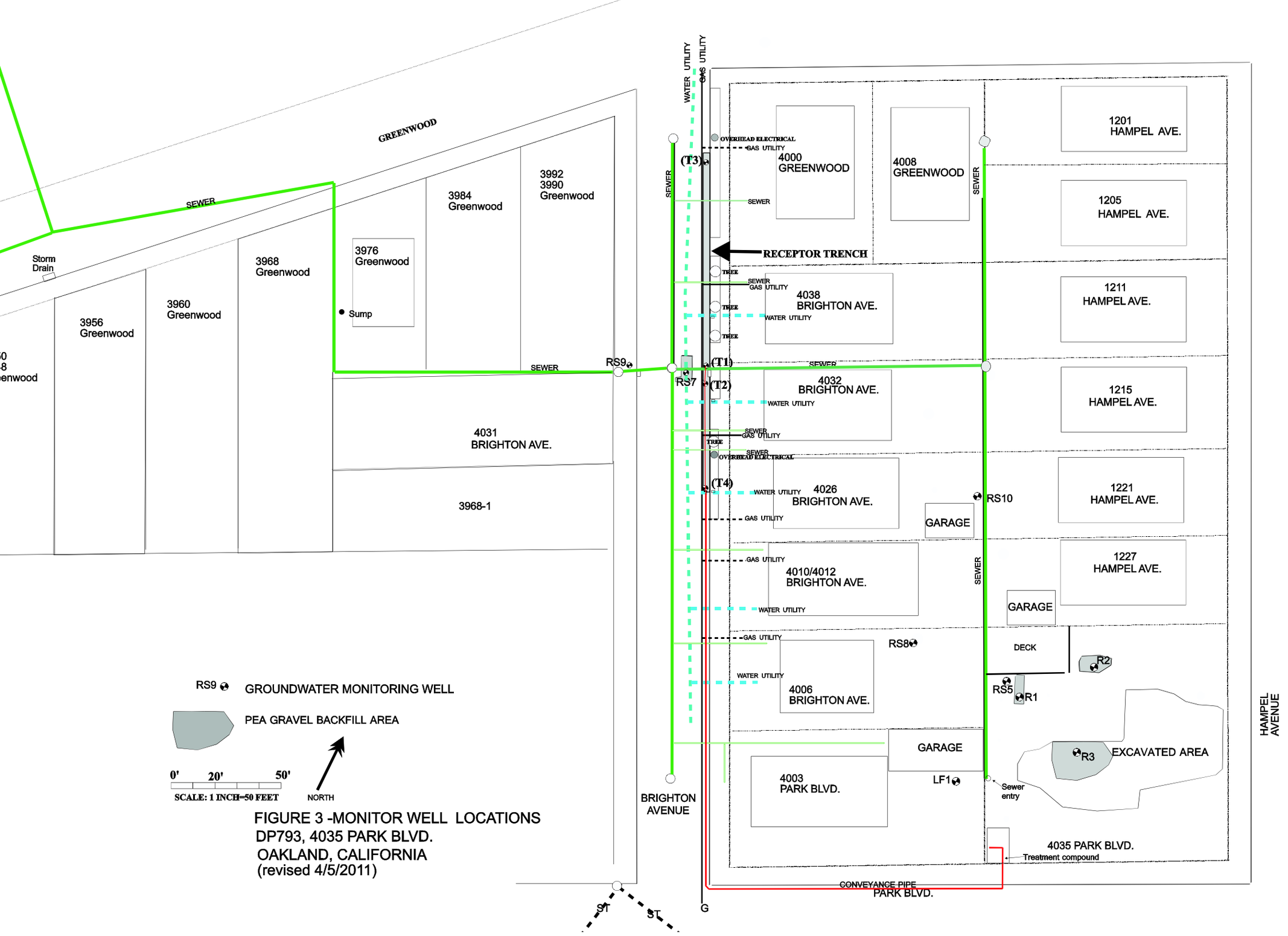


FIGURE 3 -MONITOR WELL LOCATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(revised 4/5/2011)

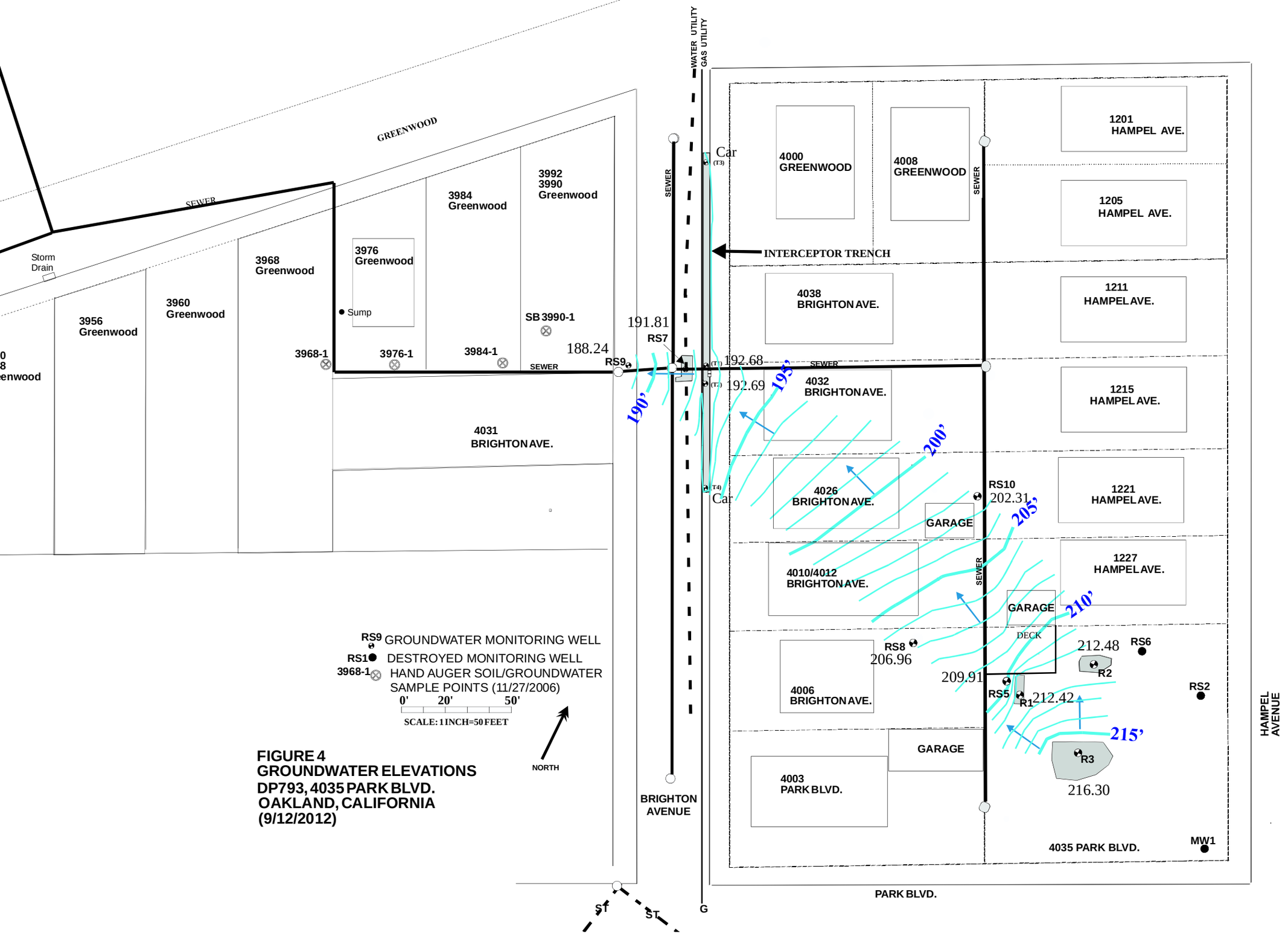


FIGURE 4
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(9/12/2012)

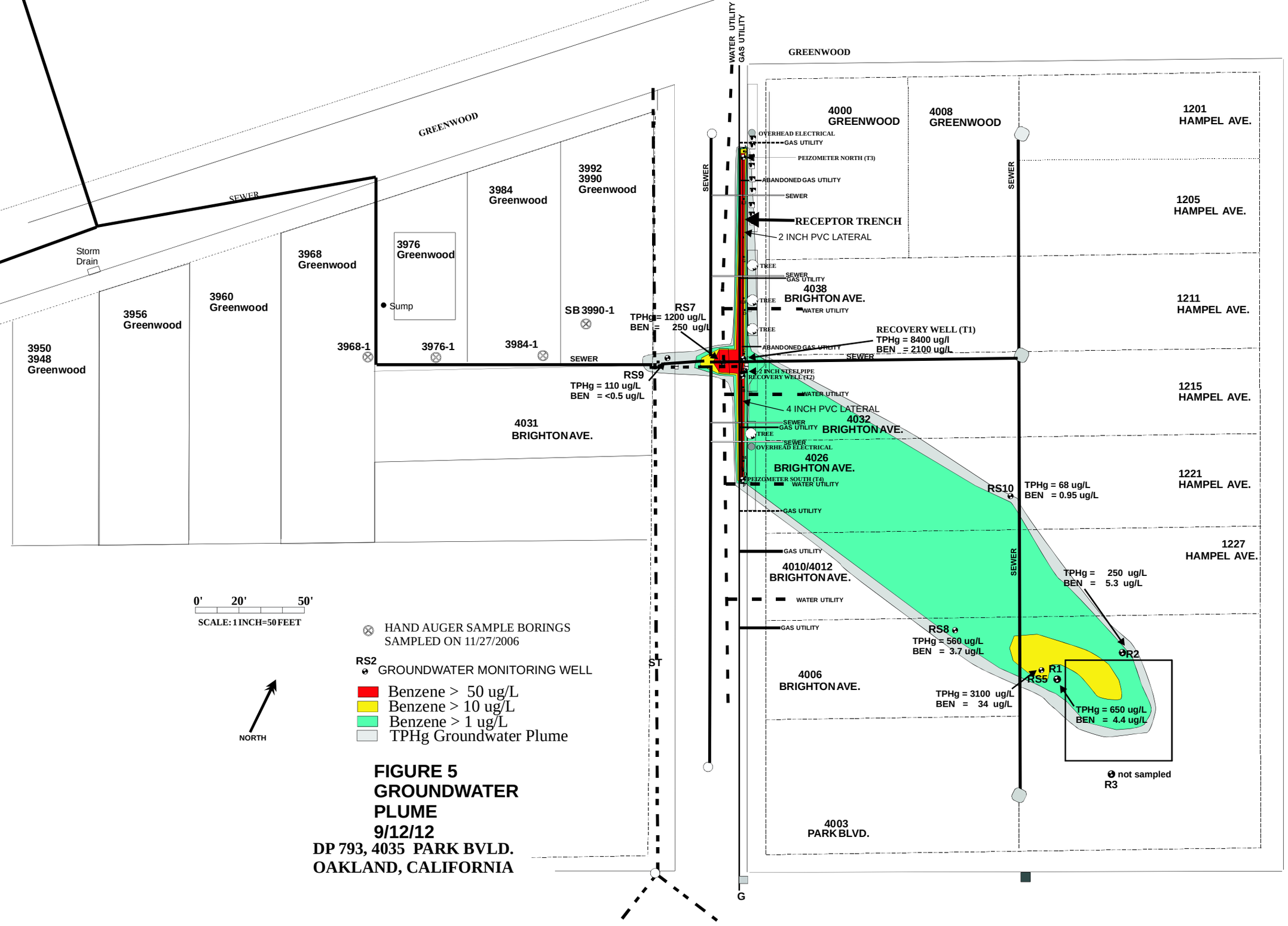


FIGURE 5
GROUNDWATER PLUME
9/12/12
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

APPENDIX A.

METHODS AND PROCEDURES, QA/QC
With
FIELD NOTES

This Appendix documents the specific methods, procedures, and materials used to collect and analyze ground water samples.

Gauging and Measuring Monitor Wells.

Prior to sampling a well, WEGE personnel obtain two measurements: the depth to ground water and the product thickness using a battery powered depth to water-product interface probe and or by using a specially designed bailer. The probe is lowered into the well casing until the instrument signals that the top of water has been reached. The distance from the top of water to the top of casing is read from the tape calibrated in 0.01 foot intervals for accuracy to 0.01 foot that is attached to the probe. The measured distance is subtracted from the established elevation at the top of casing to determine the elevation of ground water with respect to mean sea level. If floating product is encountered, the probe gives a continuous signal; once water is encountered the probe gives an alternating signal.

The probe is washed with LiquidNox/water solution and rinsed in distilled water before each measurement. WEGE has designed and built bailers that will collect a sample of the contents of a well to show the exact thickness of any floating product.

Purging Standing Water from Monitor Wells

If no product is present, WEGE personnel purge the well. This is accomplished by removing ground water from the well until the water quality parameters (temperature, pH, and conductivity) stabilize, or until the well is emptied of water. Periodic measurements of ground water temperature, pH, and conductivity were taken with a Hydac Monitor or other meter and recorded along with the volume of ground water removed from the well. Purging is done by one or more methods singularly or in combination. Bailers, pneumatic or electric sample pumps, or vacuum pump tanks or trucks may be used. The usual amount of water removed is three well volumes. The water collected during purging is either safely stored onsite for later disposition, transported to an approved onsite or offsite sewer discharge system, or an approved onsite or offsite treatment system.

Collection of Water Sample for Analysis After Purging Well

The well is allowed to recover after purging and a ground water sample is collected. A fresh bailer is used to collect enough water for the requirements of the laboratory for the analyses needed or required. The water samples are decanted from the bailer into the appropriate number and size containers. These containers are furnished pre-cleaned to exact EPA protocols, with and without

preservatives added, by the analytical laboratory or a chemical supply company. The bottles are filled, with no headspace, and then capped with plastic caps with teflon liners.

The vials or bottles containing the ground water samples are labeled with site name, station, date, time, sampler, and analyses to be performed, and documented on a chain of custody form. They were placed in ziplock bags and stored in a chest cooled to 4^{ø}C with ice. The preserved samples are chain of custody delivered to the chosen laboratory.

Collection of Water Sample for Analysis From Pumping Well

Wells that are being utilized for groundwater recovery are sampled after approximately 3 well volumes have been observed pumped from the well. pH, Temperature and Conductivity readings are obtained from the water being pumped from the well. The water samples are collected from the sample port of the well or prior to the first water carbon and slowly fill the appropriate number and size containers. These containers are furnished pre-cleaned to exact EPA protocols, with and without preservatives added, by the analytical laboratory or a chemical supply company. The bottles are filled, with no headspace, and then capped with plastic caps with teflon liners.

The vials or bottles containing the ground water samples are labeled with site name, station, date, time, sampler, and analyses to be performed, and documented on a chain of custody form. They were placed in ziplock bags and stored in a chest cooled to 4^{ø}C with ice. The preserved samples are chain of custody delivered to the chosen laboratory.

Analytical Results

TPH is the abbreviations used for Total Petroleum Hydrocarbons used by the laboratories for water and soil analyses. The letter following TPH indicates a particular distinction or grouping for the results. The letters "g", "d", "k", or "o" indicates gasoline, diesel, kerosene, or oil, respectively, ie. TPH-d for diesel range TPH.

BTEX or MTBE are acronyms or abbreviations used for Benzene, Toluene, Ethylbenzene and all of the Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE), respectively.

MBTEX is the designation for the combination of the above five compounds.

The less than symbol, <, used with a "parts per value" indicates the lower detection limit for a given analytical result and the level, if present, of that particular analyte is below or less than that lower detection limit.

Other abbreviations commonly used are ppm, ppb, mg/Kg, ug/Kg, ml/l and ul/l are parts per million, parts per billion, milligrams per kilogram, micrograms per kilogram, milliliters per liter, microliters per liter, respectively.

Chain of Custody Documentation

All water samples that are collected by WEGE and transported to a certified analytical laboratory are accompanied by chain-of-custody (COC) documentation. This documentation is used to record the movement and custody of a sample from collection in the field to final analysis and storage. Samples to be analyzed at the certified laboratory were logged on the COC sheet provided by the laboratory. The same information provided on the sample labels (site name, sample location, date, time, and analysis to be performed) is also noted on the COC form. Each person relinquishing custody of the sample set signs the COC form indicating the date and time of the transfer to the recipient. A copy of the COC follows the samples or their extracts throughout the laboratory to aid the analyst in identifying the samples and to assure analysis within holding times.

Copies of the COC documentation are included with the laboratory results in Appendix B of this report.

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD,
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043550 1

phone #
EBMUD inspector, Karen Beaver 510-287-1749
Compliance, Nadia Borisova (510-287-1065)

Desert Petroleum
Bob Tribbio 805-664-3084, ext 201

PG&E 800-743-5000

carbons: Envirosupply - 916-364-5512 (Jeff Sproull)

WASTE WATER PRETREATMENT, 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM, DAILY 2880 GALLONS

DATE 7-12-12

REASON FOR SITE VISIT O+M check

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.
		12.25	Top of		
		12.25	pump		
pumping 14 psi			no water		
pump off 12 psi					

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.
	10.44			

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
			19.04	

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS pumps off on arrival. Turn pumps off clean compound, change out filter cartridges DTW RS5

ELECTRIC METER 4835

RS05	WATER METER 0180368	PSI 8
T1	WATER METER 0322265	PSI 14
discharge	WATER METER 1092801	

SAMPLE(s) NO

sump pump check yes

SITE MONITORED BY: Converse

WASTEWATER INFLUENT

TIME	
pH	
Conductivity	
Temperature	
PID	

WATER TREATMENT
RS5 FLOW RATE ____GALLONS/____MINUTES
T1 FLOW RATE ____GALLONS/____MINUTES
T2 FLOW RATE ____GALLONS/____MINUTES

GALLONS PURGED________
GALLONS PURGED________

PRESSURE WATER CARBONS #1 8.5 PSI, #2 X PSI,
#3 2.0 PSI, #4 ____ PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

CONDITION OF COMPOUND COMMENTS clean - brown sumpt

Acceptance of water phase carbon units only if completely flooded with water____yes ____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition ____yes ____no - return to carbon manufacture

RS05 7C 3.5 4 3C 2.0

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043550 1

phone #
EBMUD Inspector, Karen Beaver 510-287-1749
Compliance, Nadia Borisova (510-287-1065)

Desert Petroleum
Bob Tribble 805-654-8084, ext 201

PG&E 800-743-5000

carbons: Envirosupply - 916-364-5512 (Jeff Sproull)

WASTE WATER PRETREATMENT, 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM. DAILY 2880 GALLONS

DATE 7-25-12

REASON FOR SITE VISIT O+M

TIME	TRENCH WELL T1 PID	DTW	pH	TEMP.	COND.
		11.00	1707		

TRENCH WELL T2 PID	DTW	pH	TEMP.	COND.
	10.75	1705		

TRENCH WELL T3 PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4 PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
1600			2000	

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS pumps off on arrival Tom [illegible] off @ [illegible] #1/2 carb lines bad

ELECTRIC METER 4862

RS05 WATER METER 0184461 , PSI

T1 WATER METER 0327757 , PSI

discharge WATER METER 1102136

SAMPLE(s Mo

SITE MONITORED BY: Connie

stpin pump check

	WASTEWATER INFLUENT
TIME	
pH	
Conductivity	
Temperature	
PID	

WATER TREATMENT
RS5 FLOW RATE ____GALLONS/____MINUTES
T1 FLOW RATE ____GALLONS/____MINUTES
T2 FLOW RATE ____GALLONS/____MINUTES

GALLONS PURGED
GALLONS PURGED

PRESSURE WATER CARBONS #1____PSI, #2____PSI,
#3____PSI, #4____PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS

CONDITION OF COMPOUND COMMENTS

Acceptance of water phase carbon units only if completely flooded with water____yes ____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition ____yes ____no - return to carbon manufacture

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043550 1

phone #
EBMUD inspector, Karen Beaver 510-287-1749
Compliance, Nadia Borisova (510-287-1085)

Desert Petroleum
Bob Tribble 805-654-8084, ext 201

PG&E 800-743-5000

carbons: Envirosupply - 916-364-5512 (Jon Sproull)

WASTE WATER PRETREATMENT, 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM, DAILY 2880 GALLONS

DATE ~~9-6-12~~ 8-7-12

REASON FOR SITE VISIT pk check site visit / treatment plant & well sample

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.
		24.3			

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.
	20.62			

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
			17.64	

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS change out filters. Test pumps T1 - good RS05 - good Close valves to pumps
Turn power off to pumps

ELECTRIC METER 4862

RS05 WATER METER 0184461 65 = 47 g PSI 3.1

T1 WATER METER 0327757 PSI 3.1

discharge WATER METER 1102136 78 = 21 g

SAMPLE(s) No

sump pump check 45 - good

SITE MONITORED BY: Converse

WASTEWATER INFLUENT

TIME	
pH	
Conductivity	
Temperature	
PID	

WATER TREATMENT
RS5 FLOW RATE ____GALLONS/____MINUTES
T1 FLOW RATE ____GALLONS/____MINUTES
T2 FLOW RATE ____GALLONS/____MINUTES

GALLONS PURGED________
GALLONS PURGED________

PRESSURE WATER CARBONS #1____PSI, #2____PSI,
#3____PSI, #4____PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good #1 needs new lid #2 needs new lid - no leaks

CONDITION OF COMPOUND COMMENTS Good

Acceptance of water phase carbon units only if completely flooded with water____yes ____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition ____yes ____no - return to carbon manufacture

-WEGE-

WESTERN
GEO-ENGINEERS

1386 EAST BEAMER STREET
WOODLAND CA 95776-6003
(530) 668-5300
FAX (530) 662-0273
wege@cal.net

September 6, 2012

Dear Property Owner/Renter

Western Geo-Engineers will sample the monitor wells along Brighton Avenue parking areas in front of 4026 and 4032 Brighton Avenue along with the monitor wells within the backyards of 4006 and 4026 Brighton Avenue on September 12, 2012. Please allow access to these wells.

If you need to contact me prior to the sampling event please call my office at (530) 668-5300.

Regards,

George Converse
Project Geologists
(530) 668-5300

FORMER DESERT PETROLEUM SITE OP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043550 1

WASTE WATER PRE TREATMENT, 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM, DAILY 2880 GALLONS

phone #
EBMUD Inspector, Karen Besser 510-287-1749
Compliance, Nadia Borisova (510-287-1095)

Desert Petroleum
Bob Tribble 805-684-8084, ext 201

PG&E 800-743-5000

carbons: Envirosupply - 918-364-5512 (Jeff Sprout)

DATE 4-12-12

REASON FOR SITE VISIT Semi Annual Sampling

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.
		2.18			

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.
	2.61			

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
			17.70	

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Sample monitor wells RS05, T1 & T2

ELECTRIC METER 4862

RS05 WATER METER 0184500 PSI 9

T1 WATER METER 0327965 PSI 13

discharge WATER METER 1102390

SAMPLE(s) Monitor wells & Trench

SITE MONITORED BY: Comcare

sump pump check yes good

WASTEWATER INFLUENT

TIME	
pH	
Conductivity	
Temperature	
PID	

WATER TREATMENT
RS5 FLOW RATE ____GALLONS/____MINUTES
T1 FLOW RATE ____GALLONS/____MINUTES
T2 FLOW RATE ____GALLONS/____MINUTES

GALLONS PURGED____
GALLONS PURGED____

PRESSURE WATER CARBONS #1 32 PSI, #2 X PSI,
#3 0 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS #1 & #2 lids covered

CONDITION OF COMPOUND COMMENTS good

Acceptance of water phase carbon units only if completely flooded with water____yes ____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition____yes ____no - return to carbon manufacture

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

1386 EAST BEAMER STREET
WOODLAND CA 95776-6003
(530) 668-5300,
FAX (530) 662-0273
wege@cal.net

GROUNDWATER ELEVATION DATA
AND PRODUCT THICKNESS MEASUREMENTS

SITE DP 793, 4035 Park Blvd., Oakland, CA.
DATE September 12, 2012 START TIME
MEASURED BY George Converse DTW METER USED Solinst Model 122

WELL ID	Casing Elevation In feet	DEPTH OF WELL feet below top of casing (fbtc)	DEPTH TO WATER (fbtc)	DEPTH TO TOP OF FLUID (fbtc)	Free Phase floating (feet)	WATER COLUMN IN FEET	Water Elevation
RS05	227.61	39.20	17.70	17.70	0		209.91
RS07	195.99	7.25	4.18	4.18	0	2.8	191.81
RS08	214.67	14.50	7.71	7.71	0	6.2	206.96
RS09	195.63	15.50	7.16	7.16	0	8.3	188.24
RS10	208.46	9.80	6.15	6.15	0	2.65	202.31
RO1	227.69	16.8	15.27	15.27	0	1.50	212.42
RO2	227.28	16.92	14.80	14.80	0	2.1	212.48
RO3	227.25	11.74	10.95	10.95	0	0.79	216.30
T01	195.11	10	2.43	2.43	0		192.68
T02	195.30	10	2.61	2.61	0		192.69
T03	202.38	10	Cap				
T04	197.48	10	Cap				

NOTES Global ID# T0600100158 Sampling Co. Log Code: WGEW

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2.7
1.47
1.5
7.35
1.47
2.205

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA,
DATE September 12, 2012
WELL ID# R1
CASING ELEVATION, IN FEET 227.69
CASING TOTAL DEPTH, IN FEET 16.80
CASING DIAMETER IN INCHES 6"
DEPTH TO TOP OF FLUID 15.27

DEPTH TO TOP OF WATER
TOP OF WATER ELEVATION
PUMP TYPE Hand Bail
DTW METER USED SOLINST MODEL 122

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 1.5
G/L PURGE ONE CASING VOLUME 2.25 gl
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1504			1 Bailer	19.2	6.35	765	387		clear to cloudy
1508			2.0	18.9	6.38	667	340		
1512			4.0	18.8	6.34	665	339		
1517			6.0	18.7	6.40	665	339		
								DTW	15.45

FINAL VOLUME PURGED 6.25 gl
TIME SAMPLED 1518
SAMPLE ID# R1
NOTES

ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
LABORATORY USED Kiff Analytical

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1.47
2.1
147
294
3.087

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 12, 2012 START TIME
WELL ID# R2 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.28 WATER COLUMN, IN FEET 2.14
CASING TOTAL DEPTH, IN FEET 16.92 G/L PURGE ONE CASING VOLUME 3 casings
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 14.80 4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Hand Bail PUMP RATE
DTW METER USED SOLINST MODEL 122 pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
14:22			1 Bailer	25.6	6.08	969	485		Clear no odor
14:25			1.0	21.0	6.12	989	502		"
14:32			3.0	20.3	6.11	997	508		"
14:36			5.0	20.1	6.16	995	507		
1443			7.0	19.9	6.17	990	504		
1449			9.0	19.8	6.18	979	499		
							DTW =		14.90

FINAL VOLUME PURGED 9.25 gal ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 14:51 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# R2 LABORATORY USED KIFF Analytical
NOTES

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WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 12, 2012** START TIME
WELL ID# **R3** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.25** WATER COLUMN, IN FEET 0.79
CASING TOTAL DEPTH, IN FEET **11.74** G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 10.95 4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **Hand Bail** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL. GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
			N/A, Sample						
			Water in well Clear						
						Shee			

FINAL VOLUME PURGED
TIME SAMPLED N/A Sample
SAMPLE ID# **R3**
NOTES
ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
LABORATORY USED **KIFF Analytical**

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WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 12, 2012
WELL ID# RS05
CASING ELEVATION, IN FEET 227.61
CASING TOTAL DEPTH, IN FEET 39.20
CASING DIAMETER IN INCHES 4"
DEPTH TO TOP OF FLUID 17.70

DEPTH TO TOP OF WATER 17.70
TOP OF WATER ELEVATION
PUMP TYPE Grundfoss 4" submersible
DTW METER USED SOLINST MODEL 122

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 21.5
G/L PURGE ONE CASING VOLUME 14.8
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

2
21.5
65
1075
1295
14025

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1532	Meter	Start @	18446.5						
			3.0	25.1	6.68	1035	526		clear
1534			10.0	24.4	6.63	1014	518		Turbid
1536			16.0	22.6	6.45	743	378		
			Depleted.			DTW	=23.6		
1540			20.0	20.7	6.42	726	370		
1542			26.0	19.9	6.35	682	348		
1544	184494		29	19.7	6.28	657	339		
	184500								

FINAL VOLUME PURGED ~~Depl~~ 35
TIME SAMPLED 1545
SAMPLE ID# RS05
NOTES

ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
LABORATORY USED KIFF Analytical

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WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 12, 2012
WELL ID# RS07
CASING ELEVATION, IN FEET 195.99
CASING TOTAL DEPTH, IN FEET 7.0
CASING DIAMETER IN INCHES 4"
DEPTH TO TOP OF FLUID 4.18

DEPTH TO TOP OF WATER
TOP OF WATER ELEVATION
PUMP TYPE hand bail
DTW METER USED SOLINST MODEL 122

START TIME 13:03
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 2.8
G/L PURGE ONE CASING VOLUME 1.85
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
13:06			1.0	23.0	6.16	744	380		clear to dark
13:08			1.0	22.0	6.17	732	375		"
13:10			2.0	~~22.0~~ 21.70	6.14	744	374		turbid gray
13:13			3.0	21.70	6.16	732	373		"
13:16			4.0	22.0	6.22	718	366		
~~13:18~~			5.0	21.6	6.20	727	372		
13:21			6.0	21.7	6.20	717	367		
								Orus	4.28

FINAL VOLUME PURGED 6.25 gal
TIME SAMPLED 13:24
SAMPLE ID# RS07
NOTES

ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
LABORATORY USED KIFF Analytical

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WELL SAMPLE DATA SHEET

SITE DP 793. 4035 PARK BLVD., OAKLAND, CA.

DATE September 12, 2012
WELL ID# RS08
CASING ELEVATION, IN FEET 214.67
CASING TOTAL DEPTH, IN FEET 14.5
CASING DIAMETER IN INCHES 2"
DEPTH TO TOP OF FLUID 7.71

START TIME 11:00
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 6.2
G/L PURGE ONE CASING VOLUME 1.02 g
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)

6.2
.165
310
372
62
1.0230

DEPTH TO TOP OF WATER
TOP OF WATER ELEVATION
PUMP TYPE DISPOSABLE BAILER
DTW METER USED SOLINST MODEL 122

FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
11:09			1 Bailer	18.7	6.04	1190	602	—	cl no odor
11:15			1.0	17.9	6.05	882	452		~~[illegible]~~ sl turbid no odor
11:18			2.0	17.4	6.07	928	464		
11:21			3.0	17.2	6.12	880	448		TL odor
11:25			3.5	17.1	6.11	880	449		
								DTW	7.82

FINAL VOLUME PURGED 3.75 gls
TIME SAMPLED 11:27
SAMPLE ID# RS08
NOTES

ANALYSIS INCLUDES: 8260B TPHg, BTEX, ~~MtBE~~
SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
LABORATORY USED KIFF Analytical

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5
.165
8.3
495
1320
1365

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 12, 2012** START TIME 12:26
WELL ID# **RS09** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **195.63** WATER COLUMN, IN FEET 8.3
CASING TOTAL DEPTH, IN FEET **15.50** G/L PURGE ONE CASING VOLUME 1.4gl
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 7.16 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **DISPOSABLE BAILER** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
12:31			1Bailer	18.0	6.08	389	197		SI Turbid brn color
12:32			1.0	18.0	6.09	359	184		SI Reddish Brown in color
12:35			2.0	18.0	6.12	367	188		SI Reddish Brown in color
12:38			3.0	17.9	6.21	440	224		FF Water
12:41			4.0	17.9	6.30	552	282		
12:43			4.5	17.9	6.36	544	277		
								DTW = 11.26	

FINAL VOLUME PURGED 4.75gl ANALYSIS INCLUDES: **8260B TPHg, BTEX, ~~MTBE~~**
TIME SAMPLED 12:46 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **RS09** LABORATORY USED **KIFF Analytical**
NOTES

RS 10 Casing elev 208.46

Casing stick up 9.80

DTW 6.15

Water Column length 2.65

1 purge volume 0.43 gal .165

3 purge volume 1.3 gal

Start time 11:57

12.25
1.90
26.5
426.25
1.29

Time	Purge vol gal	pH	Temp	Cond.	TDS	Comments
11:57	1 Bailer	5.63	17.3	376	184	no odor Turbid
11:58	0.5	~~11.59~~	17.3	275	141	
12:01	1.0	5.63	17.3	285	139	
12:03	1.5	5.64	17.2	277	142	

DTW 8.54 ft

Sample Time 12:10

Volume 1.75 gal

Note well covered w/ Asphalt patch had to search

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WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 12, 2012** START TIME
WELL ID# **RECEPTOR TRENCH T1, T2, T3, T4** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **T1=195.11** WATER COLUMN, IN FEET 12.01
CASING TOTAL DEPTH, IN FEET **14.5** G/L PURGE ONE CASING VOLUME 7.85
CASING DIAMETER IN INCHES **4"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 2.43' 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 2.43 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Grundfoss 4" submersible PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

12.1 − 0 = 605 726 1,869

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1555		32	7.7 68						
1556			8.0	23.0	6.31	740	879		strong odor
1557			20.0	22.9	6.33	715	364		clear
1559			30.0	23.5	6.37	766	390		
1601			40	23.9	6.35	1071	545		
		32	7940						
1620		170	[illegible]	22.9	6.24	1033	524		
		32	7965					DTW = 2.67'	
			768						
			197						

168 = 327936

FINAL VOLUME PURGED 1972 gal ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 1623 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **T1** LABORATORY USED **KIFF Analytical**
NOTES

Sample T1 Top water - no pumping 13:34
DTW = 2.61
DTW after pumping T1 = 2.85'

APPENDIX B.

LABORATORY REPORT

KIFF Analytical LLC

Report Number : 82586
Date : 09/19/2012

Laboratory Results

George Converse
Western Geo-Engineers
1386 East Beamer St.
Woodland, CA 95776

Subject : 9 Water Samples
Project Name : DP793
Project Number : DP793

Dear Mr. Converse,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC and TNI 2009 standards. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Troy G. Turpen

Troy Turpen

KIFF Analytical LLC

Report Number : 82586

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Sample : **R1** Matrix : Water Lab Number : 82586-01

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**4.4**	0.50	ug/L	EPA 8260B	09/14/12 08:58
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 08:58
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 08:58
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 08:58
TPH as Gasoline	**650**	50	ug/L	EPA 8260B	09/14/12 08:58
1,2-Dichloroethane-d4 (Surr)	95.2		% Recovery	EPA 8260B	09/14/12 08:58
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	09/14/12 08:58

Sample : **R2** Matrix : Water Lab Number : 82586-02

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**5.3**	0.50	ug/L	EPA 8260B	09/14/12 09:00
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 09:00
Ethylbenzene	**1.0**	0.50	ug/L	EPA 8260B	09/14/12 09:00
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 09:00
TPH as Gasoline	**250**	50	ug/L	EPA 8260B	09/14/12 09:00
1,2-Dichloroethane-d4 (Surr)	97.8		% Recovery	EPA 8260B	09/14/12 09:00
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	09/14/12 09:00

KIFF Analytical LLC

Report Number : 82586

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Sample : **RS05** Matrix : Water Lab Number : 82586-03

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**34**	0.50	ug/L	EPA 8260B	09/14/12 09:12
Toluene	**21**	0.50	ug/L	EPA 8260B	09/14/12 09:12
Ethylbenzene	**72**	0.50	ug/L	EPA 8260B	09/14/12 09:12
Total Xylenes	**130**	0.50	ug/L	EPA 8260B	09/14/12 09:12
TPH as Gasoline	**3100**	50	ug/L	EPA 8260B	09/14/12 09:12
1,2-Dichloroethane-d4 (Surr)	96.4		% Recovery	EPA 8260B	09/14/12 09:12
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	09/14/12 09:12

Sample : **RS07** Matrix : Water Lab Number : 82586-04

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**250**	0.50	ug/L	EPA 8260B	09/14/12 11:30
Toluene	**2.2**	0.50	ug/L	EPA 8260B	09/14/12 11:30
Ethylbenzene	**5.9**	0.50	ug/L	EPA 8260B	09/14/12 11:30
Total Xylenes	**3.1**	0.50	ug/L	EPA 8260B	09/14/12 11:30
TPH as Gasoline	**1200**	50	ug/L	EPA 8260B	09/14/12 11:30
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	09/14/12 11:30
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	09/14/12 11:30

KIFF Analytical LLC

Report Number : 82586
Date : 09/19/2012

Project Name : **DP793**
Project Number : **DP793**

Sample : **RS08** Matrix : Water Lab Number : 82586-05

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**3.7**	0.50	ug/L	EPA 8260B	09/14/12 12:39
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 12:39
Ethylbenzene	**1.7**	0.50	ug/L	EPA 8260B	09/14/12 12:39
Total Xylenes	**5.8**	0.50	ug/L	EPA 8260B	09/14/12 12:39
TPH as Gasoline	**560**	50	ug/L	EPA 8260B	09/14/12 12:39
1,2-Dichloroethane-d4 (Surr)	99.8		% Recovery	EPA 8260B	09/14/12 12:39
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/14/12 12:39

Sample : **RS09** Matrix : Water Lab Number : 82586-06

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:14
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:14
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:14
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:14
TPH as Gasoline	**110**	50	ug/L	EPA 8260B	09/14/12 13:14
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/14/12 13:14
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	09/14/12 13:14

KIFF Analytical LLC

Report Number : 82586
Date : 09/19/2012

Project Name : **DP793**
Project Number : **DP793**

Sample : **RS10** Matrix : Water Lab Number : 82586-07

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.95**	0.50	ug/L	EPA 8260B	09/14/12 13:48
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:48
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:48
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 13:48
TPH as Gasoline	**68**	50	ug/L	EPA 8260B	09/14/12 13:48
1,2-Dichloroethane-d4 (Surr)	99.6		% Recovery	EPA 8260B	09/14/12 13:48
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	09/14/12 13:48

Sample : **T1** Matrix : Water Lab Number : 82586-08

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**2100**	5.0	ug/L	EPA 8260B	09/19/12 13:19
Toluene	**120**	1.5	ug/L	EPA 8260B	09/15/12 03:45
Ethylbenzene	**120**	1.5	ug/L	EPA 8260B	09/15/12 03:45
Total Xylenes	**420**	1.5	ug/L	EPA 8260B	09/15/12 03:45
TPH as Gasoline	**8400**	150	ug/L	EPA 8260B	09/15/12 03:45
1,2-Dichloroethane-d4 (Surr)	96.3		% Recovery	EPA 8260B	09/15/12 03:45
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	09/15/12 03:45

KIFF Analytical LLC

Report Number : 82586

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Sample : **T2** Matrix : Water Lab Number : 82586-09

Sample Date :09/12/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**42**	0.50	ug/L	EPA 8260B	09/14/12 14:23
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 14:23
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 14:23
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/12 14:23
TPH as Gasoline	**160**	50	ug/L	EPA 8260B	09/14/12 14:23
1,2-Dichloroethane-d4 (Surr)	98.9		% Recovery	EPA 8260B	09/14/12 14:23
Toluene - d8 (Surr)	99.4		% Recovery	EPA 8260B	09/14/12 14:23

Report Number : 82586

Date : 09/19/2012

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/14/2012
1,2-Dichloroethane-d4 (Surr)	99.9		%	EPA 8260B	09/14/2012
Toluene - d8 (Surr)	110		%	EPA 8260B	09/14/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/14/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/14/2012
Toluene - d8 (Surr)	98.6		%	EPA 8260B	09/14/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/14/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/14/2012
Toluene - d8 (Surr)	99.5		%	EPA 8260B	09/14/2012

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/14/2012
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/14/2012
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/14/2012
Toluene - d8 (Surr)	100		%	EPA 8260B	09/14/2012
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2012

KIFF ANALYTICAL, LLC

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

Report Number : 82586

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	82586-01	4.4	40.0	40.0	43.2	42.6	ug/L	EPA 8260B	9/14/12	96.8	95.4	1.46	80-120	25
Ethylbenzene	82586-01	<0.50	40.0	40.0	38.8	38.2	ug/L	EPA 8260B	9/14/12	96.9	95.6	1.40	80-120	25
P + M Xylene	82586-01	<0.50	40.0	40.0	39.4	38.2	ug/L	EPA 8260B	9/14/12	98.4	95.5	3.02	76.8-120	25
Toluene	82586-01	<0.50	40.0	40.0	42.4	41.0	ug/L	EPA 8260B	9/14/12	106	102	3.23	80-120	25
Benzene	82586-02	5.3	40.0	40.0	46.5	45.8	ug/L	EPA 8260B	9/14/12	103	101	1.63	80-120	25
Ethylbenzene	82586-02	1.0	40.0	40.0	47.9	46.4	ug/L	EPA 8260B	9/14/12	117	113	3.42	80-120	25
P + M Xylene	82586-02	<0.50	40.0	40.0	45.7	44.6	ug/L	EPA 8260B	9/14/12	114	112	2.31	76.8-120	25
Toluene	82586-02	<0.50	40.0	40.0	41.0	40.2	ug/L	EPA 8260B	9/14/12	103	100	2.02	80-120	25
Ethylbenzene	82591-01	<0.50	40.0	40.0	45.5	44.3	ug/L	EPA 8260B	9/14/12	114	111	2.68	80-120	25

KIFF ANALYTICAL, LLC

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

Report Number : 82586

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	82591-01	<0.50	40.0	40.0	44.1	43.0	ug/L	EPA 8260B	9/14/12	110	108	2.49	76.8-120	25
Toluene														
	82591-01	<0.50	40.0	40.0	41.5	40.0	ug/L	EPA 8260B	9/14/12	104	100	3.66	80-120	25
Benzene														
	82586-03	34	40.0	40.0	68.8	68.4	ug/L	EPA 8260B	9/14/12	87.6	86.7	1.06	80-120	25
Ethylbenzene														
	82586-03	72	40.0	40.0	108	108	ug/L	EPA 8260B	9/14/12	92.5	91.6	0.936	80-120	25
P + M Xylene														
	82586-03	95	40.0	40.0	130	130	ug/L	EPA 8260B	9/14/12	88.7	88.2	0.585	76.8-120	25
Toluene														
	82586-03	21	40.0	40.0	59.2	59.1	ug/L	EPA 8260B	9/14/12	94.7	94.4	0.346	80-120	25
Benzene														
	82617-03	<0.50	40.0	40.0	38.9	35.4	ug/L	EPA 8260B	9/19/12	97.2	88.5	9.39	80-120	25

KIFF ANALYTICAL, LLC

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

Report Number : 82586

QC Report : Laboratory Control Sample (LCS)

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.1	ug/L	EPA 8260B	9/14/12	98.2	80-120
Ethylbenzene	40.1	ug/L	EPA 8260B	9/14/12	96.7	80-120
P + M Xylene	40.1	ug/L	EPA 8260B	9/14/12	96.2	76.8-120
TPH as Gasoline	497	ug/L	EPA 8260B	9/14/12	99.2	70.0-130
Toluene	40.1	ug/L	EPA 8260B	9/14/12	107	80-120
Benzene	40.0	ug/L	EPA 8260B	9/14/12	104	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/14/12	117	80-120
P + M Xylene	40.0	ug/L	EPA 8260B	9/14/12	114	76.8-120
TPH as Gasoline	496	ug/L	EPA 8260B	9/14/12	104	70.0-130
Toluene	40.0	ug/L	EPA 8260B	9/14/12	104	80-120
Ethylbenzene	39.8	ug/L	EPA 8260B	9/14/12	116	80-120
P + M Xylene	39.8	ug/L	EPA 8260B	9/14/12	113	76.8-120
TPH as Gasoline	496	ug/L	EPA 8260B	9/14/12	100	70.0-130
Toluene	39.8	ug/L	EPA 8260B	9/14/12	105	80-120
Benzene	39.8	ug/L	EPA 8260B	9/14/12	97.5	80-120
Ethylbenzene	39.8	ug/L	EPA 8260B	9/14/12	97.7	80-120
P + M Xylene	39.8	ug/L	EPA 8260B	9/14/12	97.7	76.8-120
TPH as Gasoline	497	ug/L	EPA 8260B	9/14/12	94.3	70.0-130
Toluene	39.8	ug/L	EPA 8260B	9/14/12	98.8	80-120

KIFF ANALYTICAL, LLC

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

Report Number : 82586

QC Report : Laboratory Control Sample (LCS)

Date : 09/19/2012

Project Name : **DP793**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.1	ug/L	EPA 8260B	9/19/12	97.8	80-120

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 82586

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Conversa	California EDF Report? ☒ Yes ☐ No
Company / Address: WEGE / 1386 E Beamer St Woodland, CA 95776	Sampling Company Log Code:
Phone Number: 530 668 5320	Global ID:
Fax Number: 530 662 0273	EDF Deliverable To (Email Address):
Project #: DP793 / P.O. #:	Bill to: paid ck # 3692
Project Name: DP793	Sampler Print Name: George Conversa
	Sampler Signature:

Project Address: Oakland

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)					TAT	For Lab Use Only
														CIRCLE METHOD																						
R1	9-12-12	1518	3					X			X				X	X																		1 wk	01
R2		1451																																	02
RS05		1545																																	03
RS07		1324																																	04
RS08		1127																																	05
RS09		1246																																	06
RS10		1210																																	07
T1		1623																																	08
T2		1334																																	09
																																			10

Relinquished by:	Date	Time	Received by:
	9-13-12	1007	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	091312	1007	KIFF Analytical LLC

Remarks: $495.00 paid by check #3692 on 091312 TJB 091312 1008

Page 12 of 13

Distribution: White - Lab; Pink - Originator
Rev: 060409

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: TJB (Initials)

SRG#: 82586 Date: 091312

Project ID: DP793

Method of Receipt: ☐ Courier ☒ Over-the-counter ☐ Shipper

Shipping Only: ☐ FedEx * ☐ OnTrac * ☐ Greyhound ☐ Other *Service level if not Priority or Sunrise (M-F): _____

COC Inspection

Is COC present?	☒ Yes	☐ No		
Custody seals on shipping container?	☐ Intact	☐ Broken	☐ Not present	☒ N/A
Is COC Signed by Relinquisher? ☒ Yes ☐ No Dated?	☒ Yes	☐ No		
Is sampler name legibly indicated on COC?	☒ Yes	☐ No		
Is analysis or hold requested for all samples?	☒ Yes	☐ No		
Is the turnaround time indicated on COC?	☒ Yes	☐ No		
Is COC free of whiteout and uninitialed cross-outs?	☒ Yes	☐ No, Whiteout	☐ No, Cross-outs	

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 3.2 Therm. ID# IR-3 Initial TJB Date/Time 091312/1005 ☐ N/A

Are there custody seals on sample containers?	☐ Intact	☐ Broken	☒ Not present	
Do containers match COC? ☒ Yes ☐ No ☐ No, COC lists absent sample(s)	☐ No, Extra sample(s) present			
Are there samples matrices other than soil, water, air or carbon?	☐ Yes	☒ No		
Are any sample containers broken, leaking or damaged?	☐ Yes	☒ No		
Are preservatives indicated? ☐ Yes, on sample containers	☒ Yes, on COC	☐ Not indicated	☐ N/A	
Are preservatives correct for analyses requested?	☒ Yes	☐ No	☐ N/A	
Are samples within holding time for analyses requested?	☒ Yes	☐ No		
Are the correct sample containers used for the analyses requested?	☒ Yes	☐ No		
Is there sufficient sample to perform testing?	☒ Yes	☐ No		

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix WA Container type VOA # of containers received 27

Matrix _____ Container type _____ # of containers received _____

Matrix _____ Container type _____ # of containers received _____

Date and Time Sample Put into Temp Storage Date: 091312 Time: 1007

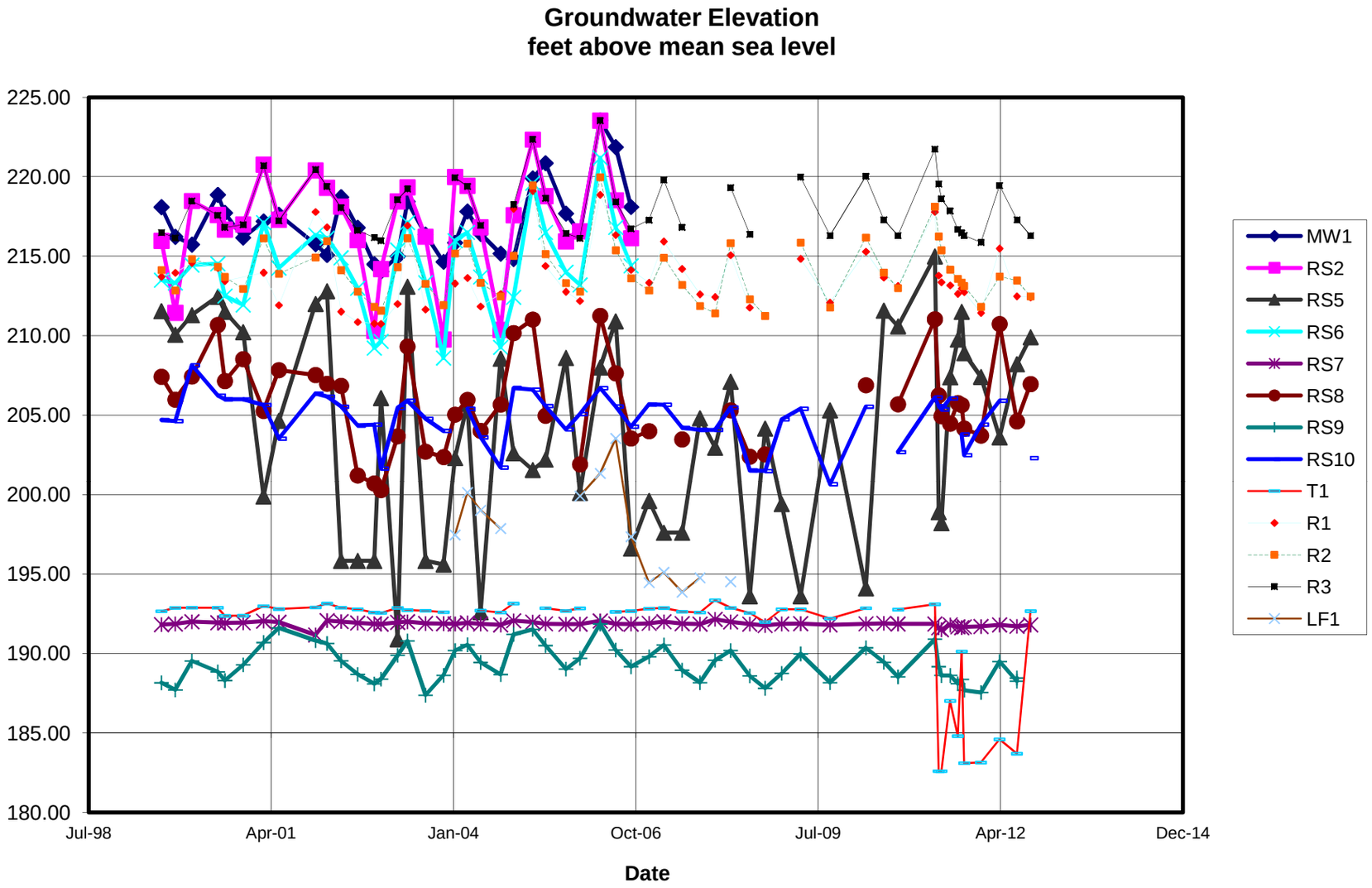
Quicklog

Are the Sample ID's indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Is the Project ID indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If project ID is listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection dates indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection dates are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	
Are the sample collection times indicated:	☐ On COC	☐ On sample container(s)	☒ On Both	☐ Not indicated
If collection times are listed on both COC and containers, do they all match?	☒ Yes	☐ No	☐ N/A	

COMMENTS:

APPENDIX C.

GRAPHS/CHARTS


Groundwater Elevation
feet above mean sea level
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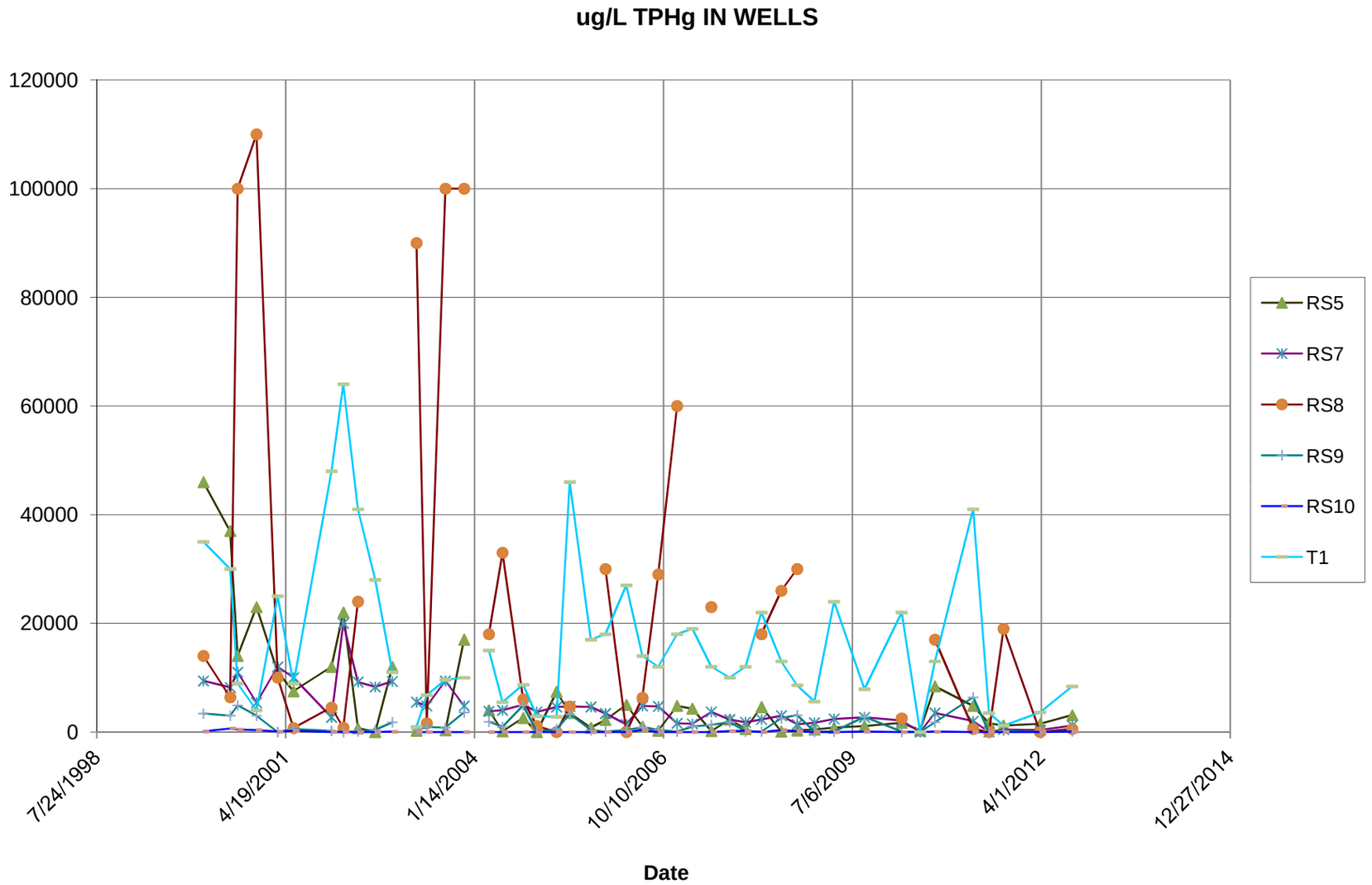
220.00
215.00
210.00
205.00
200.00
195.00
190.00
185.00
180.00
Jul-98
Apr-01
Jan-04
Oct-06
Jul-09
Apr-12
Dec-14
Date
MW1
RS2
RS5
RS6
RS7
RS8
RS9
RS10
T1
R1
R2
R3
LF1


ug/L TPHg IN WELLS
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80000
60000
40000
20000
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7/24/1998
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
Date
RS5
RS7
RS8
RS9
RS10
T1

ug/L BENZENE IN WELLS