DESERT PETROLEUM INC.

Mr. Jerry Wickham
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6791
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October 3, 2011

RE: The following report documents the "Update Status of the groundwater pumping from wells RS05 and T1 and the September 2011 Semi Annual Groundwater Sampling Report, Former Desert Petroleum Site DP793", 4035 Park Blvd., Oakland, California 94602.

Dear Mr. Wickham:

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 E. Thompson CHAIRMAN 10/3/11

William Thompson, Desert Petroleum, Inc. Date

3781 TELEGRAPH ROAD, VENTURA, CALIFORNIA 93003-3420 . (805) 654-8084 . FAX (805) 654-0720

SEPTEMBER 2011
SEMI ANNUAL
GROUNDWATER SAMPLING REPORT
WITH THIRD QUARTER 2011 UPDATE STATUS OF PUMP AND TREATMENT

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

FOR

DESERT PETROLEUM

September 30, 2011

BY

-WEGE-
WESTERN GEO-ENGINEERS
1386 E. BEAMER STREET
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Mr. Bill Thompson
Desert Petroleum
3781 Telegraph Road
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September 30, 2011

Dear Mr. Thompson:

The following report documents the Third Quarter 2011 update status with Semi Annual sampling at DP793, 4035 Park Blvd., Oakland, California.

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 SITE INVESTIGATION/REMEDIATION CHRONOLOGY

November 30, 1989	Alameda County Health Department (Mr. Ariu Levi) notified Desert Petroleum that gasoline was trickling into a sewer on Brighton Avenue through a crack in the bottom of the sewer access. Desert Petroleum's area manager sent to site to reconstruct and audit tank inventories and sales records. The audit indicated overages on all tanks.
December 1, 1989	Desert Petroleum contacted the station tenant, Mr. Jason Gopad, and advised him to test the fuel tanks and associated piping.
December 5, 1989	The retail fueling facility was closed.
December 6, 1989	Mr. Gopad had the underground storage tanks tested. The test results were inconclusive.
December 7, 1989	All fuel was removed from the underground storage tanks. The product lines were tested by Walton Engineering. The regular leaded and super unleaded lines passed. The regular unleaded line failed. A 1/2 inch hole in the 2 inch unleaded supply line was located beneath the eastern pump island. An ultrasound investigation was conducted to determine the location of the onsite sewer line. An onsite soil gas survey was conducted and indicated contamination associated with the pump islands and the sewer line on the western edge of the property.

December 8, 1989	Desert Petroleum submitted Unauthorized Release Report, drilling permits for site assessment obtained from Alameda County Flood Control and Water Conservation District, Zone 7, Underground Service Alert was notified.
December 11, 1989	Onsite drilling/sampling and well installation initiated, i.e., sample borings RS-1, RS-2, RS-3, RS-5 and RS-4. Groundwater monitoring wells installed into borings RS-1, RS-5, and RS-6. Vapor extraction well installed into boring RS-2.
December 12, 1989	Encroachment permit secured from the City of Oakland for assessment work in Brighton Avenue. Sample boring RS-4 drilled and sampled just east of the sewer access in Brighton Avenue to the 10 foot depth.
December 13, 1989	The area northeast of the sewer access was excavated with a backhoe. Gasoline appeared to be seeping from the backfill around the sewer line. A water supply line was inadvertently broke (USA markings incorrectly marked the location of this line). A vacuum truck was used to pump out the water/product from the excavation. Approximately 7,200 gallons of water/gasoline was manifested and sent to H & H Shipyard for treatment and disposal. The water line was repaired, perforated 4 inch PVC pipe was placed vertically into the excavation and the excavation backfilled with pea gravel from approximately the 8 foot depth to sub-grade, well RS-7. A portable vapor extraction unit connected to the sewer and RS-7 (operated during daylight hours).
December 15, 1989	RSI S.A.V.E. vapor extraction system installed and connected to onsite wells RS01, RS02, RS05 and RS06. It operated continuously for one week, then during daylight hours thereafter due to noise complaints from neighbors. Length of vapor extraction and amounts of hydrocarbons removed not documented.
July 24, 1990	Soil boring/sampling investigations near the sewer lateral in residential backyard 1227 Hampel Avenue.
August 21, 1990	Soil boring/sampling investigations near the sewer lateral in residential backyards 4006 Brighton Avenue and 4010/4012 Brighton Avenue.
December 1990	Commenced quarterly groundwater monitoring.
September 8, 1993	Levine - Fricke, conducted soil boring/sampling investigation at residences 4003 Park Blvd. and 4006 Brighton Avenue. Constructed monitor well at 4003 Park Blvd for property owner of 4003 Park Blvd (not a part of 4035 Park Blvd. site assessment/investigation).
June 23, 1994	Removed all USTs and associated piping from 4035 Park Blvd.
August 14, 1995	Over-excavated UST and dispenser areas at 4035 Park Blvd 1700 cubic yards of non-hazardous soil transported to and disposed at Forward Landfill, Stockton, California. Installed excavation well R3 (6 inch slotted PVC to 15 feet below surface) south of building, backfill excavation to 5 1/2 feet below surface with 1/4 inch pea gravel. Excavating removed monitor well RS-1.
August 16, 1995	Excavated and removed hydraulic hoists from station building.
August 31, 1995	Exploratory excavation at waste oil UST area, north of building and exploratory excavation west of building to 17 feet below surface. Installed excavation wells R1 in west excavation and R2 in north excavation.
September 5, 1995	Drill/sampled and installed replacement well for RS01 (MW01).

May 2, 1996	Soil Probe Survey and soil sample borings along sewer route from 4035 Park Blvd. through back yards, to Brighton Avenue. Temporary casing set in hand augered borings BH-1, BH-2, BH-3, BH-4 and BH-5. Conducted slug tests on BH-1, BH-2, BH-3 and BH-5. Not enough water entry into BH-4 to conduct test. The following hydraulic conductivities (k) were calculated; BH-1 = 0.15 ft/day, BH-2 = 2.9 ft/day, BH-3 = 0.11 ft/day, and BH-5 = 4.8 ft/day.
January 17, 1997	Soil Probe Survey Brighton Avenue
August 12, 1999	Installed receptor trench, Brighton Avenue. 148 cubic yards non hazardous gasoline contaminated soil transported and disposed of at Vacaville Landfill, Vacaville, California. Installed wells RS08, RS09 and RS10.
October 7, 1999	Pumped 19,451 gallons of gasoline contaminated groundwater from receptor trench, stored in above ground 22,000 gallon Baker tank.
January 24, 2000	Obtained sewer discharge permit from East Bay Municipal Utility District, started discharge of water stored in Baker tank to city sewer.
May 4, 2000	Started weekly purging of receptor trench well T1 (4 hours once per week). Discharged purged water through water carbon and then to sewer.
February 15, 2001	Set submersible pump in RS05 to pump continuously, continued once a week purging of receptor well T1 (46,121 gallons removed from receptor trench well).
July 19, 2001	Ceased pumping of RS05 and weekly purging of T1; 62,511 gallons removed from T1 and 78,919 gallons removed from RS05 (total 141,430 gallons of gasoline contaminated groundwater treated and disposed to sewer).
March 21, 2002	Resumed pumping at RS05.
August 6, 2002	246,849 gallons of gasoline contaminated groundwater pumped, treated and disposed to sewer.
November 20, 2002	Commenced weekly hand bailing of free phase product from well RS08.
December 12, 2002	Purged receptor trench of 1432 gallons gasoline tainted groundwater.
January 9, 2003	Purged receptor trench of 1349 gallons gasoline tainted groundwater.
January 30, 2003	Purged receptor trench of 1624 gallons gasoline tainted groundwater.
March 13, 2003	Purged receptor trench of 1413 gallons gasoline tainted groundwater.
April 3, 2003	Purged receptor trench of 1305 gallons gasoline tainted groundwater.
April 9, 2003	Demolished existing service station building.
April 15, 2003	Replaced RS05 groundwater recovery pump with WEGE pump, while RS05 pump is serviced.
May 1, 2003	Reinstalled RS05 groundwater recovery pump. Submitted Workplan to Investigate Contaminated Soils Above and Below the Water Table at the Former Area of the Station Building, 4035 Park Blvd., Oakland, CA.
May 6, 2003	Purged receptor trench of 1589 gallons gasoline tainted groundwater.
May 21, 2003	Purged receptor trench of 2544 gallons gasoline tainted groundwater.
June 25, 2003	Purged receptor trench of 1796 gallons gasoline tainted groundwater.
July 17, 2003	Purged receptor trench of 1560 gallons gasoline tainted groundwater.
July 31, 2003	Notice to initiate Workplan submitted May 1, 2003

August 6, 2003	Alameda County Health, Scott Seery, phoned Western Geo-Engineers, notifying them not to proceed with workplan.
August 13, 2003	Purged receptor trench of 1574 gallons gasoline tainted groundwater.
September 4, 2003	Purged receptor trench of 1477 gallons gasoline tainted groundwater.
October 3, 2003	Purged receptor trench of 1285 gallons gasoline tainted groundwater.
October 16, 2003	Removed water carbon unit #1, placed new water carbon in #2 position and moved #2 water carbon into #1 position.
November 20, 2003	Purged receptor trench of 1303 gallons gasoline tainted groundwater.
December 18, 2003	Purged receptor trench of 1303 gallons gasoline tainted groundwater.
January 22, 2004	Purged receptor trench of 1175 gallons gasoline tainted groundwater.
February 26, 2004	Purged receptor trench of 102 gallons gasoline tainted groundwater.
March 30, 2004	Purged receptor trench of 975 gallons gasoline tainted groundwater.
April 29, 2004	Purged receptor trench of 1406 gallons gasoline tainted groundwater.
May 13, 2004	Turned pumping system off, removed lid from #1 carbon and removed scaling from top of carbon, replaced lid and restarted pump.
May 27, 2004	Purged receptor trench of 1647 gallons gasoline tainted groundwater.
June 30, 2004	Purged receptor trench of 1759 gallons gasoline tainted groundwater.
July 29, 2004	No electrical power to treatment compound; has been disconnected.
September 24, 2004	New power panel at site, need 100 feet extension cord to connect pump controller to power for RS05.
September 28, 2004	Restarted pumping at RS05. Performed 1/4ly well samplings. Purged receptor trench of 1911 gallons.
September 30, 2004	Containment berm full of water, inspected carbon #1, leaking from bottom. Turned system off and removed carbon from system.
October 15, 2004	Took delivery of new water carbon placed #2 carbon into #1 position, new carbon into #2 position, restarted pumping system.
December 8, 2004	Performed 1/4ly well samplings.
December 9-16, 2004	Direct push/cored 12 borings to obtain groundwater and soil samples.
March 8, 2005	Published Conceptual Model
March 23, 2005	Performed 1/4ly well samplings.
June 1, 2005	Performed 1/4ly well samplings.
September 21, 2005	Performed 1/4ly well samplings.
December 7, 2005	Performed 1/4ly well samplings.
February 13, 2006	Published Work Plan to: Over-excavate benzene contaminated soils; to connect the receptor trench to treatment compound; further define TPHg groundwater plume.
March 28, 2006	Performed 1/4ly well samplings.
June 21, 2006	Performed 1/4ly well samplings.
September 13, 2006	Performed 1/4ly well samplings.
October 19, 2006	Installed new water meter at carbon effluent, Meter # 82773286.
November 27, 2006	Destroyed monitor wells MW01, RS02 and RS06. Conducted hand auger soil and groundwater sampling downgradient of RS09.
December 21, 2006	Performed 1/4ly well samplings.
March 12, 2007	Performed 1/4ly well samplings.
June 20, 2007	Performed 1/4ly well samplings
September 26, 2007	Performed 1/4ly well samplings

October 5, 2007	Signed Proposal and Contract Agreement to connect intercept trench
December 18, 2007	Performed 1/4ly well samplings
February 28, 2008	Turned off groundwater pump and treatment system, pinhole leak in #1 water carbon.
March 3, 2008	Removed #1 water carbon, set-up #2 water carbon into #1 position and newly delivered water carbon into #2 position. Restarted groundwater pump and treatment system.
March 12, 2008	Cleaned and inspected RS5 pump, Performed 1/4ly well sampling
June 25, 2008	Obtained sewer discharge sample with EBMUD, monitored and sampled groundwater wells for 2nd ¼ 2008 monitoring report.
September 17, 2008	Performed 1/4ly sampling of wells.
September 25, 2008	Pulled pump from RS05, needed extensive cleaning and service.
October 10, 2008	Reinstalled pump into RS05.
February 26, 2009	Clean #1 water carbon unit of bio film.
June 19, 2009	Obtained sewer discharge sample with EBMUD. Pulled pump from RS5, needed extensive cleaning and service.
September 1, 2009	Reinstalled pump into RS05
September 9, 2009	Receive/install new water carbon unit. Semi-Annual well samples.
December 19, 2009	Obtained sewer discharge sample as per EBMUD requirements.
March 24, 2010	Obtained semiannual monitor well samples.
June 30, 2010	Obtained sewer discharge sample and suspend sewer discharge. Removed groundwater pump from RS05 and pump controller. Pump needs cleaning.
September 16, 2010	Obtained semiannual monitor well samples.
December 30, 2010	New wastewater discharge permit from EBMUD (permit #5043550 1).
February 23, 2011	Finish construction of treatment compound and conveyance pipe from T1.
March 8, 2011	Issued City of Oakland Temporary Discharge Permit into City Sewer Line.
March 30, 2011	Delivery of water carbon units, connect filters, meters and carbons for groundwater treatment. PG&E connected electrical to new treatment compound.
April 6, 2011	Semiannual groundwater samples and start up of treatment compound, pumping from wells RS5 and T1.
July 28, 2011	Change out groundwater pumps T1 and RS05 for cleaning, clogged with orange bio.
August 8, 2011	Remove water carbon units 1 and 2 from system. Take delivery of two new water carbon units. Place #3 into #1 position, Place #4 into #2 position and place two new carbons into #3 and #4 positions.
August 24, 2011	PG&E power off to treatment compound, mistake in billing.
August 31, 2011	Turn groundwater recovery pumps RS05 and T1 back on after obtaining depth to water measurements.
September 14, 2011	Semi Annual monitor well samples and depth to water measurements.

3.0 LOCAL GEOLOGY

3.1 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.

3.2 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.

4.0 WORK PERFORMED, June 29, - September 23, 2011.

During this time frame, Western Geo-Engineers performed monthly depth to water measurements to evaluate the pumping effects from T1 and RS05, obtained the required semi-annual monitor

wells samples and changed out two water carbon units with the necessary operations and maintenance checks.

5.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on September 14, 2011. Samples were analyzed for Total Petroleum Hydrocarbons as gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, the fuel oxygenant Methyl tert-Butal Alcohol (MtBE) using EPA method 8260B, see Table 1. Figure 3 shows the positions of the groundwater monitoring wells, the receptor trench and previous sample locations.

4.1 Depth to Water Measurements

On August 10 and 31 and September 14, 2011 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 16, 2010.

5.0 RESULTS OF GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4A shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on August 10, 2011, prior to purging the wells for sampling. Groundwater pumping was occurring from wells RS05 and T1. The gradient from trench well T2 to monitor well RS08 was 0.138 ft/ft to the west. Figure 4B shows the groundwater elevation gradients and flow directions derived from the depth to water measurements of the monitor wells on August 31, 2011. There was no groundwater pumping for at least one week prior to these depth to water measurements, power was turned off to the treatment compound by PG&E. The gradient from trench well T2 to RS05 was 0.111 ft/ft again flowing to the west. Figure 4C shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on September 14, 2011, prior to purging the wells for sampling. Groundwater pumping was occurring from wells RS05 and T1. The gradient from trench well T2 to monitor well RS08 was 0.130 ft/ft to the west, see Table 1 and Appendix A.

The prior non pumping influence, flow direction is to the west northwest. The hydraulic gradient averaged 0.095 feet/linear foot down gradient from well RS10 to the intercept trench well T1. The current pumping gradients show a slight increase in slope (cone of influence) towards the pumping wells. The present flow direction and hydraulic gradient are consistent with previous determinations by WEGE. Well LF1 has been removed by the property owner of 4003 Park Blvd. and is no longer available for sampling and/or depth to water measurements. Previous depth to water measurements showed that the groundwater gradient has a steep slope that extends south of RS05 and RS08 out to well LF1. This Northwest lineation is seen in previous groundwater gradient determinations and could be continuous to the change in lithology noted during the excavation of the intercept trench. The excavation south of T1 contained clay and the area north of T1 contained sands.

5.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on September 14, 2011 are shown in Table 1. Groundwater samples were obtained from monitor wells R1, R2, RS05, RS07, RS08, RS09, RS10 and trench well T1. 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 Proceedures.

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 and the receptor trench well (T1) ranged from 19000 ug/L at well RS08, to 240 ug/L at well RS09. Well RS10 was below LLDL and well R3 was not sampled due to lack of groundwater, see Figure 5 and Appendix C – Laboratory Report.

Benzene

Benzene has a LLDL of 0.5 ug/L. The recommended CPHG (California Public Health Goal) for Benzene is 1.5 ug/L. Benzene concentrations were found in wells; R1 at 3.5 ug/L, R2 at 130 ug/L, RS05 at 7.6 ug/L, trench well T1 at 10 ug/L, RS07 at 0.76 ug/L, RS08 at 130 ug/L and RS09 at 0.52 ug/L . RS10 was below laboratory lower detection limits of 0.5 ug/L, see Figure 5 and Appendix C - Laboratory Report.

MtBE

MtBE has a LLDL of 0.5 ug/L. The recommended CPHG for MtBE is 13 ug/L. Analytical results for Fuel Oxygenant MtBE were below laboratory lower detection limits in wells R1, R2, RS05, RS07, RS08, RS10 and trench well T1 at 0.5 ug/L. Well RS09 contained 1.2 ug/L, see Figure 6 and Appendix C – Laboratory Report.

Toluene

Toluene has a LLDL of 0.5 ug/L. The recommended CPHG for toluene is 150 ug/L. Toluene was detected in wells RS05, RS08, R1, R2 and T1, ranging from a low of 0.63 ug/L at well R1 to a high of 60 ug/L at well RS08. Wells RS07, RS09 and RS10 were below LLDL of 0.5 ug/L.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. The recommended CPHG for Ethylbenzene is 300 ug/L. Ethylbenzene was detected in wells RS05, RS07, RS08, R1, R2 and T1, ranging from a low of 3.2 ug/L at wells RS07 and R1 to a high of 86 ug/L at well RS08.

Xylenes

Xylenes have a LLDL of 0.5 ug/L. The recommended CPHG for Xylenes is 1800 ug/L. Xylenes were detected in wells RS05, RS07, RS08, R1, R2 and T1, ranging from a low of 0.67 ug/L at well RS07 to a high of 1300 ug/L at well RS08, see Table 1 and Appendix C - 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, see Table 2.

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 be discharged 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. As of September 23, 2011 113,700 gallons of water has been pumped from T1 since resuming pumping. This water is treated through a sediment filter and 4 in series carbon units prior to discharge to sewer. As of September 23, 2011 207,386 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 1.25 gallons, see Table 3.

7.0 PUMPING ON-SITE WELL RS05

On February 15, 2001 a submersible pump with a pump bypass was placed into RS05. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS-5 for one week. 3223 gallons were pumped from RS05 through the two, in series, water carbon units and discharged to the sewer. On February 22, 2001 the pump was inspected and showed a slimy growth covering the pump and discharge line that was below the water level. The pump was cleaned and placed back into RS05 and continued to discharge from RS05 through the water carbon units to sewer until July 19, 2001. On July 19, 2001 Desert Petroleum requested suspension of further pumping at the site. The pump was removed and the site secured. From February 15 through July 19, 2001, 78,919 gallons of gasoline contaminated groundwater was recovered from RS05 and treated through carbon before being discharged to the sewer. Pumping from RS05 was resumed on March 21, 2002. 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 submisable grundos 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. As of September 23, 2011 98,327 gallons of water has been pumped from RS05 since resuming pumping. This water is treated through a sediment filter and 4 in series carbon units prior to discharge to sewer. As of September 23, 2011 1,719,301 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 13.98 gallons, see Table 3.

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

8.0 FREE PHASE FLOATING PRODUCT REMOVAL

Yellow Free Phase Floating Product was discovered in well RS8, 0.04 feet in thickness on August 6, 2002. Since all product storage and dispensing systems have been removed from the site (June 1994), it is thought that the product found in RS08, is residual from the November 1989 release and groundwater pumping at RS05 was retrieving this residual product. Weekly bailing of the floating product from November 20, 2002 through December 12, 2002, (the last noted detection of free phase product in RS8) removed 0.014 gallons of degraded gasoline. This recovered degraded gasoline was stored on site in a 55 gallon 17H drum. Inspection of the 55 gallon drum on June 21, 2006 showed that the recovered gasoline had evaporated; the drum was empty. This 55 gallon drum was removed from the site on February 23, 2011

9.0 SUMMARY

The lowest hydrocarbon concentrations were observed May 31, 2001 while the weekly pumping of the trench well and the continuous pumping of RS05 were occurring; pumping from RS05 was discontinued between June 19, 2001 and March 21, 2002 and on June 30, 2010. Groundwater pumping was resumed after securing a new sewer discharge permit from EBMUD. Pumping commenced from wells T1 (interecept trench) and RS05 on April 6, 2011. The most recent sampling, September 14, 2011 shows a dramatic decrease in hydrocarbon concentrations in wells RS5, RS7, RS9, and T1, see Table 1 and Charts in Appendix B.

Previous sampling on September 2, 1999, showed that aerobic bacteria (hydrocarbon degraders) exist in the groundwater associated with the hydrocarbon plume.

Soil core samples obtained from drilling activities December 2004 at 4035 Park Blvd showed high concentrations of TPHg and BTEX existed in the soils and shallow groundwater (8 ft to 32 ft below ground surface) beneath the area that was previously occupied by the station building. Soil samples obtained during drilling for geotechnical grading permit/excavation stability study on January 24, 2011 showed reductions in the soil contamination near previously core sample boring C6 (natural attenuation), see Tables 5 and 6. These reductions were calculated for TPHg of 55%, Benezene of

99.5%, Toluene of 98% and Ethylbenzene of 60%. Water sampling of the December 2004 borings showed slow drainage, indicating low hydraulic conductivity in the silty clay and the clayey conglomerate formations. Previous slug test on temporary piezometers installed downgradient of the site, in the backyard of the surrounding residences, showed groundwater velocities ranging between 4 and 385 feet per year. Previous pumping (June 30, 2010) showed RS5 produced approximately 500 gallons per day (<0.5 gpm). 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), the January 24, 2011 soil sample results along with the presence of biological indicators (carbon dioxide, methane, aerobic hydrocarbon degrading bacteria, and reduced nutrients ortho phosphate and ammonia as nitrogen).

Alameda County Health, in a letter dated November 16, 2005 concurred with the recommendations to remove the remaining on-site hydrocarbon source (based on the December 2004 sample results), continue existing groundwater extraction from well RS05 and to conduct continuous groundwater extraction from the intercept trench (T1 well). These procedures were recommended by Western Geo-Engineers in their March 8, 2005 report "Soil and Groundwater Investigation with Conceptual Model

A Work Plan detailing the above activities was approved. The destruction of on-site monitoring wells MW01, RS02 and RS06 was completed in November 2006 along with the soil and groundwater sampling downgradient of monitor wells RS09. The encroachment permit agreement with the City of Oakland, necessary for the construction of a conveyance pipe from the Brighton Avenue trench to a soon to be constructed treatment compound at 4035 Park Blvd. has been finalized. RAH had obtaining all necessary permits from The City of Oakland. A conveyance piping system was installed and connects intercept trench wells T1, T2 and T4 to a newly installed treatment compound. Pumping from wells T1 and RS05 was initiated on April 6, 2011. A revised work plan that focused on the onsite excavation work was generated and approved by Alameda County Environmental Health. This work was scheduled to commence in August 2010, but due to lack of funding, the necessary geotechnical study could not be completed along with lack of assurance for funding the excavation work was postponed. The geotechnical study necessary for the excavation design and grading permit is currently being performed by GTC GeoTrinity Consultants, Inc.

Since the April 6, 2011 monitor well samples, which occurred prior groundwater recovery from wells T1 and RS05, this latest samling has shown a dramatic decline in contaminants of concern. Pumping well T1 has decreased in concentratons from TPHg 41,000 ug/L to 1,200 ug/L, Benzene has decreased in concentrations from 12,000 ug/L to 10 ug/L, Toluene has decreased in concentratons from 3,000 ug/L to 5.7 ug/L, Ethylbenzene has decreased in concentrations from 1,200 ug/L to 8.6 ug/L, Xylenes have decreased in concentraton from 3,300 ug/L to 85 ug/L and MtBE has decreased in concentration from 30 ug/L to <0.5 ug/L. Likewise pumping well RS05 showed substantial decreases of TPHg from 4,800 ug/L to 1,200 ug/L, Benzene from 100 ug/L to 7.6 ug/L, Toluene from 31 ug/L to 4.7 ug/L, Ethylbenzene from 200 ug/L to 180 ug/L and Xylenes from 370 ug/L to 74 ug/L. The following wells showed similar reductions; RS07 and RS09. Wells

R1, R2 and RS08 showed increases, most likely due to the pumping well RS05 capturing and pulling coc's past these wells.

10.0 RECOMMENDATIONS

- Finalize geotechnical study necessary for the proposed excavation.
- Revise Excavation Plan and Submit to Alameda County Health.
- Develop a timeline to complete the excavation work by no later than September 1, 2012.

11.0 TIME FRAME

December 2011	Completion of geotechnical investigation needed for permitting of excavation work.
December 2011	4th Quarter 2011 Update Status Report

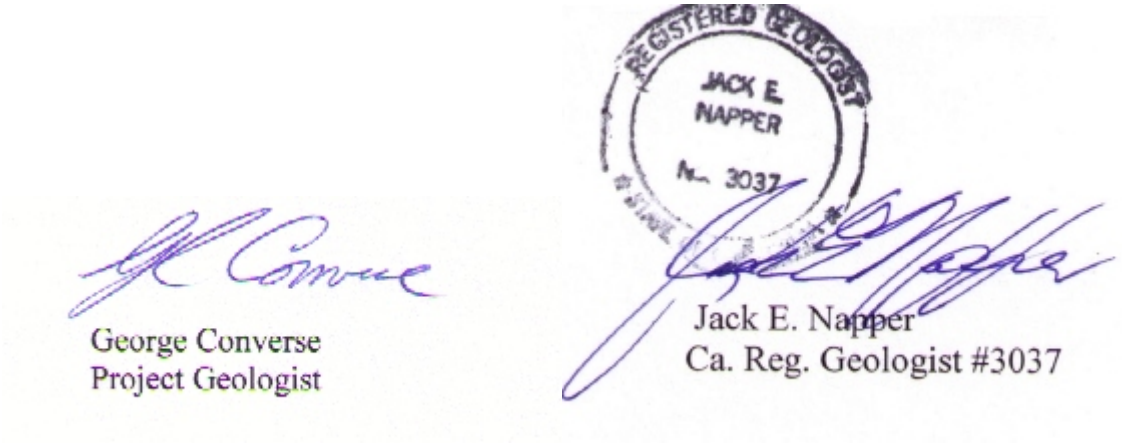
12.0 LIMITATIONS

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. J. Wickham, Alameda County Health (510) 567-6791
Mr. Kin Man Li, property owner (510) 599-7000

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

(All concentrations in parts per billion [ug/L, ppb])
(AMSL = Above mean sea level)

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)	
(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								

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-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	
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	

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.	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	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	*
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-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**		

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-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	*
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**		

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

(All concentrations in parts per billion [ug/L, ppb])
(AMSL = Above mean sea level)

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	
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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	
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	****

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	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-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	****
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	****

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-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-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**	****
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						

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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.	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-09	9/14/2011	195.63	7.93	187.7		240	0.52	<0.5	<0.5	<0.5	1.2	****
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	****
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	****

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)**	
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	****
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	****
R2	12/14/1989											
R2	09/04/96	230.68	13.44	217.24		14000	**7600**	<10	170	190	<100	

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	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							
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	****
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	*

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	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						
R3	9/14/2011	227.25	10.94	216.31		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											

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

(All concentrations in parts per billion [ug/L, ppb])
(AMSL = Above mean sea level)

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)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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 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						
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						

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	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 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					
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					
T4	12/21/2006	197.48	car			see T1 for sample results					
T4	3/12/2007	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	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						
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							

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

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

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 T1 and/or 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												
6/30/2010	2808417.9	2808417.9			0	93553	1621019.3	1714572.1			280	6.3	1.1	<0.5	19	<0.5	RS-5	
6/30/2010	turn system on to obtain samples, then turn system off, remove pump and pump controller.							suspend sewer discharge										
9/16/2010	2808417.9	2808448.5			31	93583	1621019.3	1714602.7			dishcarged purged monitor well water through carbon to sewer							
9/16/2010	2808417.9	2808448.5			31	93614	1620988.7	1714602.7										
New discharge permit with continueous pumping T1 and RS5/excavation well																		
	meter# 52122813.0	meter # 52122836.0																
3/30/2011	1.0	1.0			0	93614	1620988.7	1714602.7			conncected pumps, carbons and filters, no pumping, start-up 4/6/2011							
4/6/2011	4.8	137.0	2	12.62	65	93815	1620992.5	1714807.3	0.0	0.0	41000	12000	3000	1200	3300	30	T1	4/6/2011
4/10/2011	6146.2	7063.8				100742	1627133.9	1727875.5	1.1	1.2	4800	100	31	200	370	<0.9	RS5	4/6/2011
4/13/2011	6171.5	7135.0				100813	1627159.2	1727972.0	0.0	0.0	restart system							
4/20/2011	12537.0	16587.5				110265	1633524.7	1743790.0	0.6	0.9								
4/27/2011	21394.0	24802.0	11	28.7		118480	1642381.7	1760861.5	0.9	0.8								
5/4/2011	29362.0	31025.0	10.96	22.9		124703	1650349.7	1775052.5	0.8	0.6								
5/12/2011	37504.0	36838.0	10.98	29.4		130516	1658491.7	1789007.5	0.7	0.5								
5/19/2011	44813.0	36848.0	3.4	27.2		130526	1665800.7	1796326.5	0.7	0.0	increase pumpage from T1							
5/26/2011	49334.0	45685.0	11	20.12		139363	1670321.7	1809684.5	0.4	0.9								
6/8/2011	56383.0	56453.0	7.5	18.95		150131	1677370.7	1827501.5	0.4	0.6								
6/22/2011	66933.0	66344.5	8.7	21		160022	1687920.7	1847943.0	0.5	0.5	3500	500	300	65	520	2.8	T1	6/29/2011
6/29/2011	70928.5	71396.5	8.08	20.22		165074	1691916.2	1856990.5	0.4	0.5	1600	99	55	11	130	1.3	RS5	6/29/2011
7/14/2011	77761.0	81449.0	10.92	18.5		175127	1698748.7	1873875.5	0.3	0.5								
7/28/2011	84613.0	88197.0	12.5	21.75		181875	1705600.7	1887475.5	0.3	0.3								
8/10/2011	88284.0	94011.5	10.3	17.85		187689	1709271.7	1896961.0	0.2	0.3								
8/24/2011	92163.0	100769.0	10.3	17.85		194447	1713150.7	1907597.5	0.2	0.3	electrical power off to compound, call PG&E							
8/31/2011	92163.0	100769.0	4.97	16.1		194447	1713150.7	1907597.5	0.0	0.0	turn pumps back on after power restored.							
9/8/2011	94360.0	106875.0	10.96	32.7		200553	1715347.7	1915900.5	0.2	0.5								
9/14/2011	96014.0	109744.0	4.97	16.1	25	203447	1717001.7	1920448.2	0.2	0.3	1200	10	5.7	8.6	85	<0.5	T1	9/14/2011
9/23/2011	98327.5	113700.0	11.4	19		207403	1719315.2	1926717.7	0.2	0.3	1200	7.6	4.7	6.6	74	<0.5	RS5	9/14/2011

ug/L micrograms per liter (parts per billion)

< BELOW LABORATORY LOWER DETECTION LIMITS
mg/Kg milligrams per kilogram (parts per million)

* SAMPLED ON AUGUST 26, 1999
T1 Receptor Trench Well

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

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 T1 and/or 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											

mg/L milligrams per liter (parts per million)
WESTERN GEO-ENGINEERS

TPHg TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE
MTBE METHYL TERTIARY BUTYL ETHER

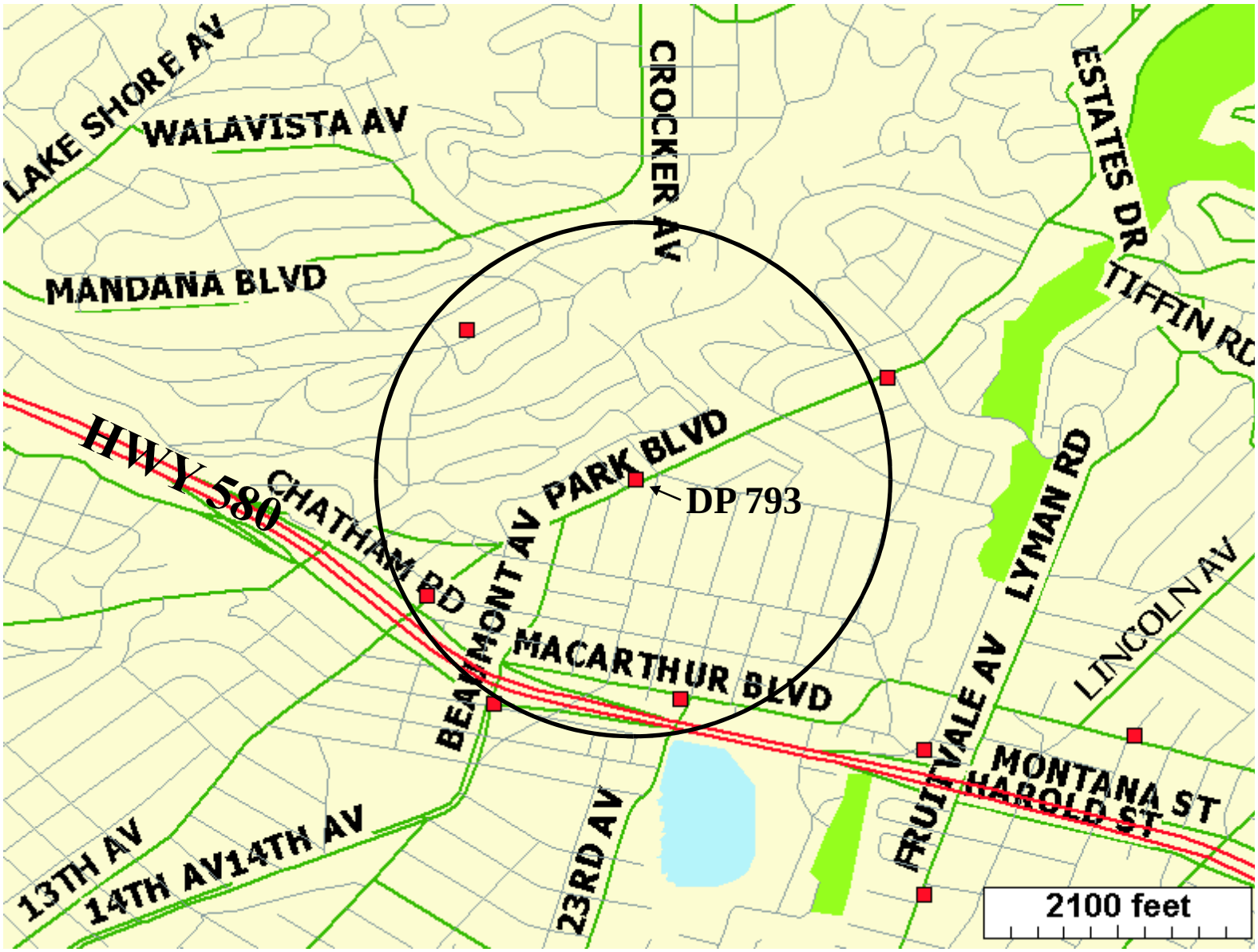
RS5 Monitor Well RS5 (pumping well)

TABLE 3
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
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	0.22	13.28	80	57	19	350	0.059
12/18/2007	12.00	2412728.5	22715	13	1220689.5	0.57	0.01	13.29	15	6.8	7.8	42	<0.5
3/12/2008	12.00	2424303.0	11574.5	0	1232264	4.6	0.05	13.34	330	110	98	440	1.9
6/25/2008	12.00	2488868.5	64565.5	85	1296829.5	0.074	0.03	13.37	3.7	<0.5	0.05	2	0.7
9/5/2008	12.00	2524336.5	35468	0	1332297.5	0.28	0.12	13.48	4.4	1.5	0.55	18	<0.5
12/17/2008	12.00	2560523.5	36187	0	1368484.5	0.45	0.01	13.50	2.3	1.2	1.8	13	<0.5
3/31/2009	12.00	2606106.5	45583	51	1414067.5	0.8	0.03	13.53	120	14	2	54	2.7
9/8/2009	12.00	2662647.5	56541	24	1470608.5	1.1	0.06	13.59	6.3	1	3.9	24	1.4
3/24/2010	12.00	2768886.5	106239	55	1576847.5	1.7	0.18	13.77	200	29	10	110	2.6
6/30/2010	12.00	2808417.9	39531.4	0	1616378.9	0.28	0.04	13.80	6.3	1.1	<0.5	19	<0.5
9/16/2010	12.00	2808417.9	0	0	1616378.9	8.4	0.00	13.80	110	31	180	640	<0.5
	New meter for RS5												
		52122813.0											
3/30/2011		1.0			1616378.9			13.80					
4/6/2011		4.8	3.8		1616382.7	4.8	0.00	13.80	100	31	200	370	<0.9
6/29/2011		70928.5	70923.7		1687306.4	1.6	0.08	13.88	99	55	11	130	1.3
9/14/2011		96014.0	25085.5		1712391.9	1.2	0.10	13.98	7.6	4.7	6.6	74	<0.5
	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	0.17	0.17	500	300	65	520	2.8
9/14/2011		109744.0	38347.5		109743	1.2	1.08	1.25	10	5.7	8.6	85	<0.5

< LESS THAN LABORATORY LOWER DETECTION LIMITS



N
W E
S

LUST SITES

WELLS

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

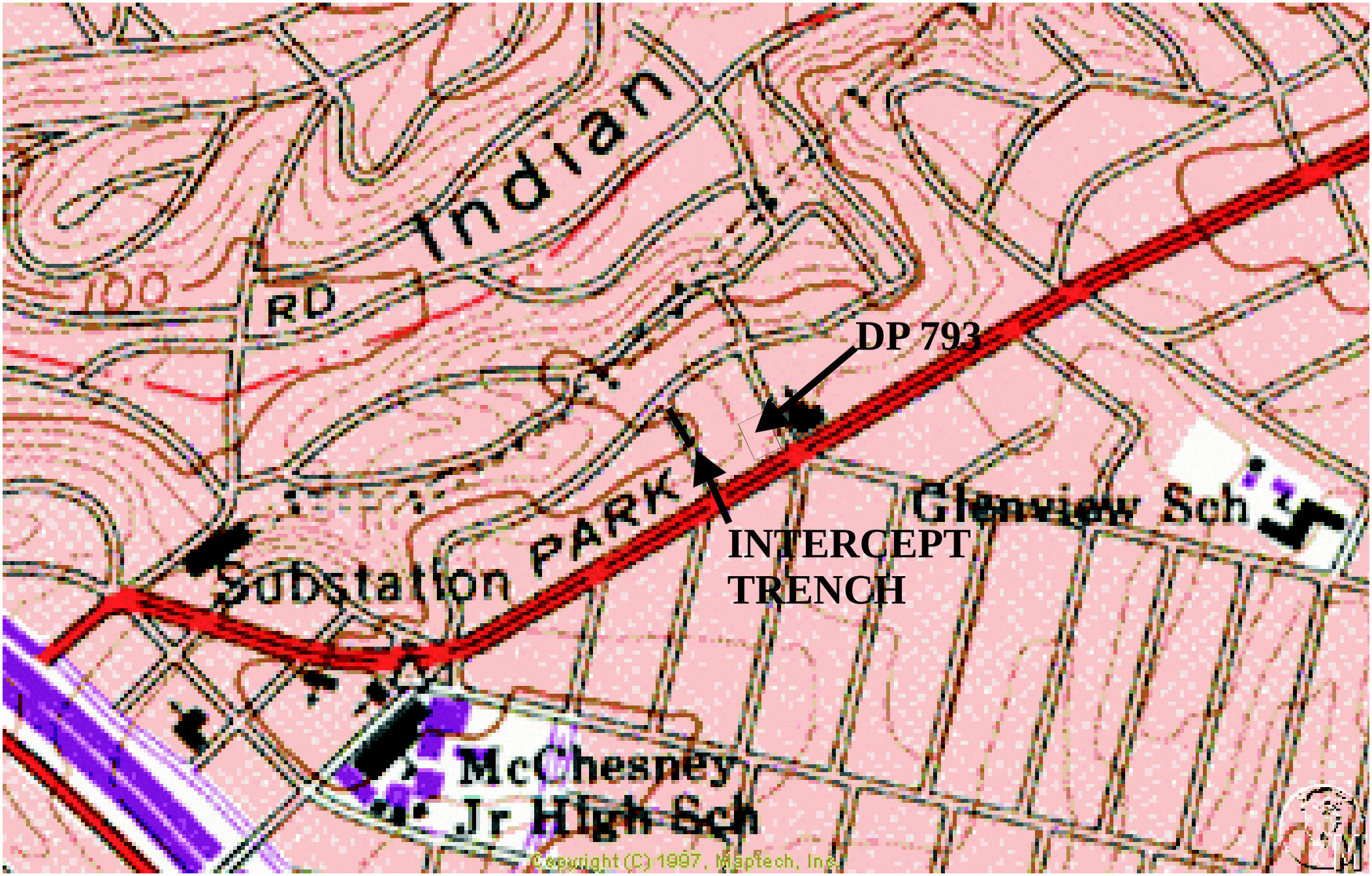


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

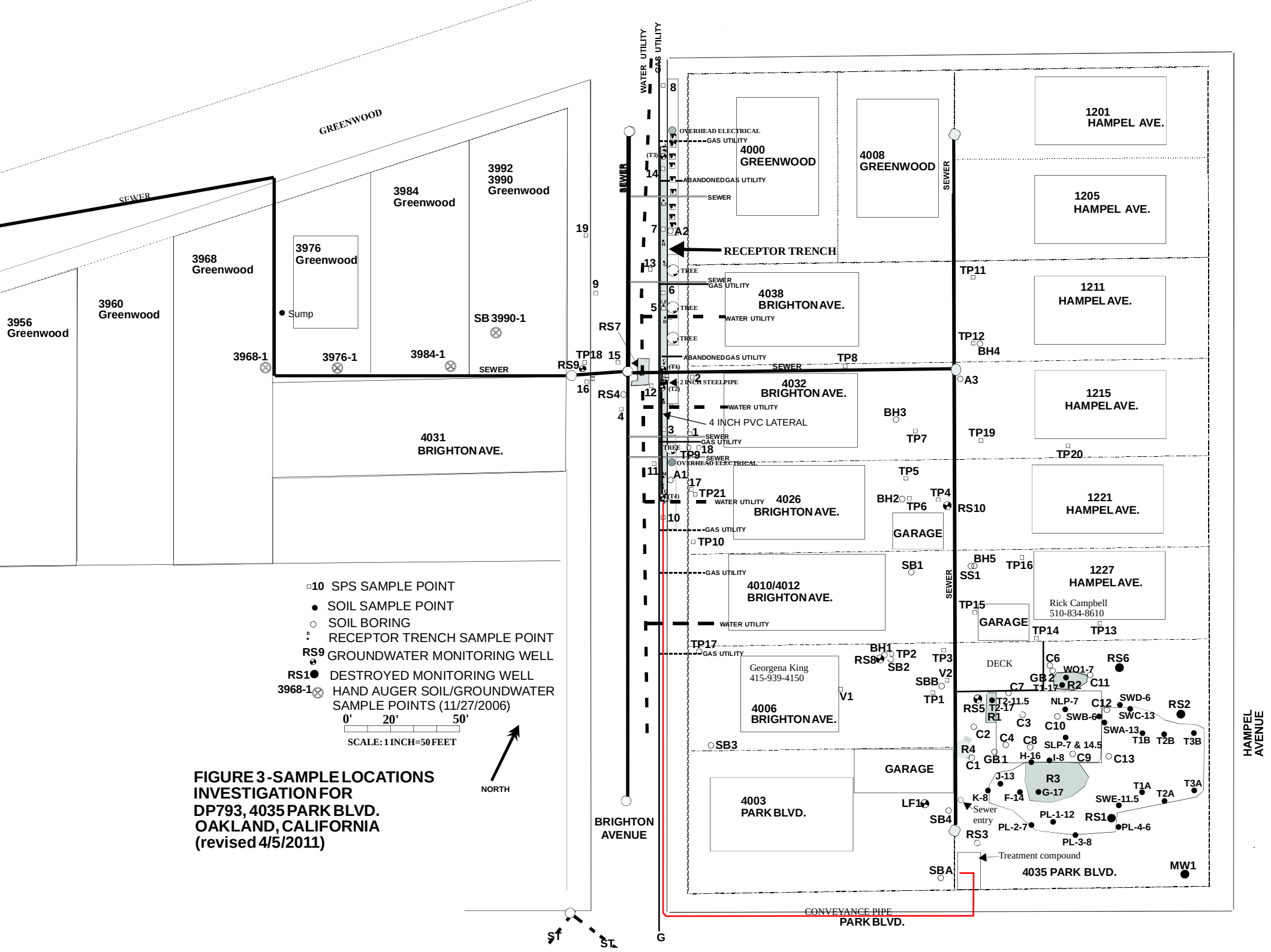


FIGURE 3 - SAMPLE LOCATIONS INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA (revised 4/5/2011)

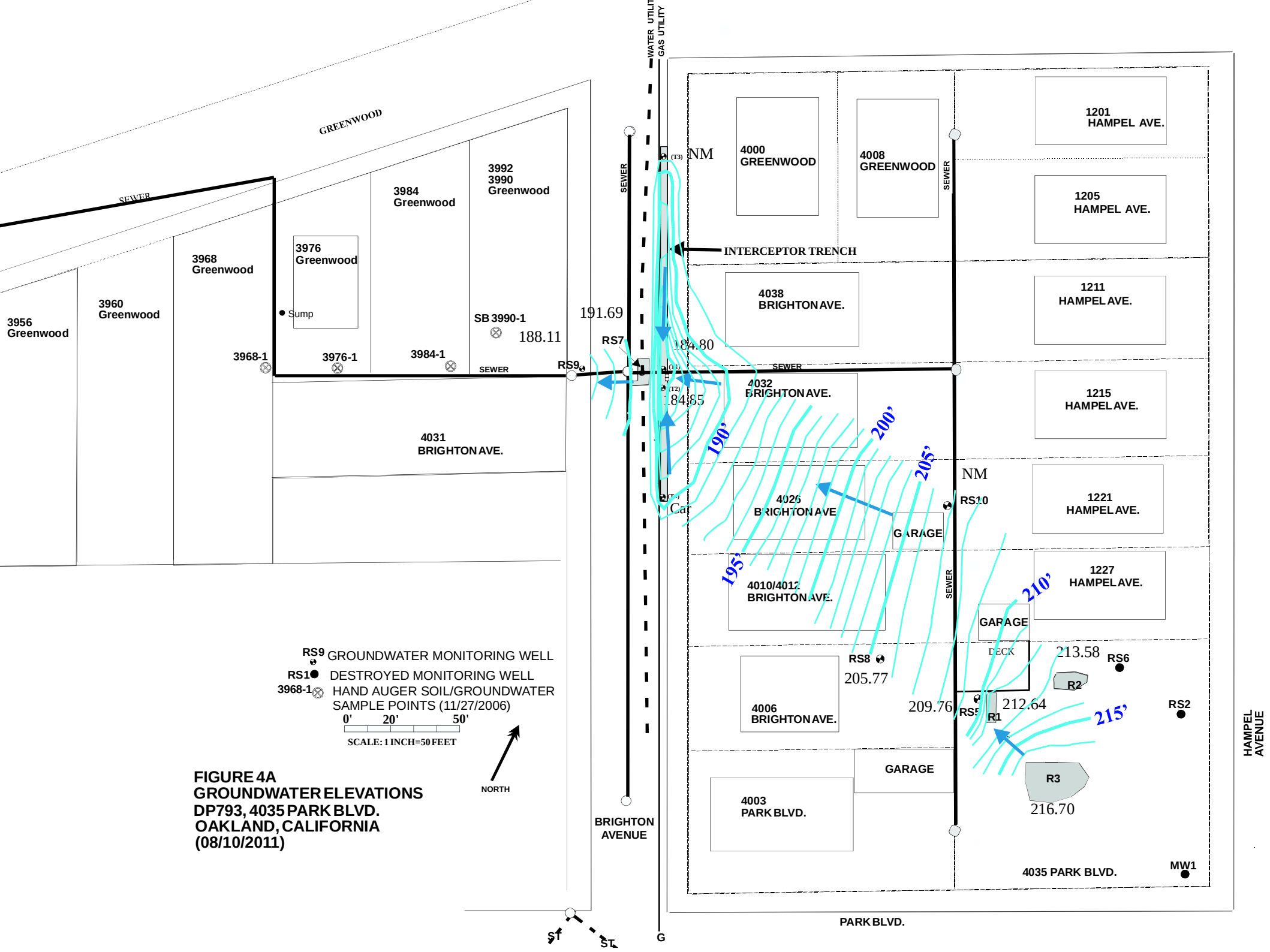


FIGURE 4A
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(08/10/2011)

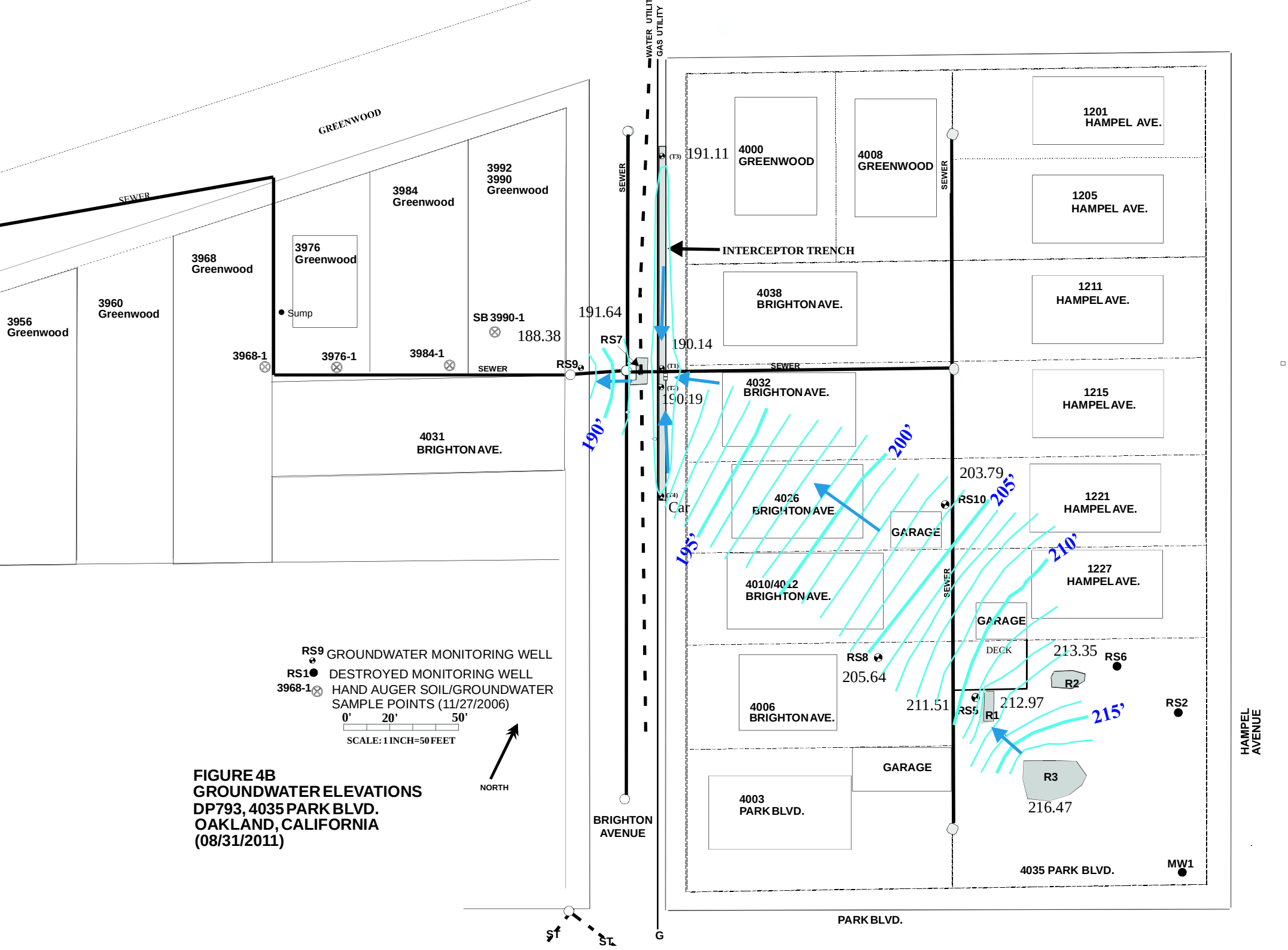


FIGURE 4B
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(08/31/2011)

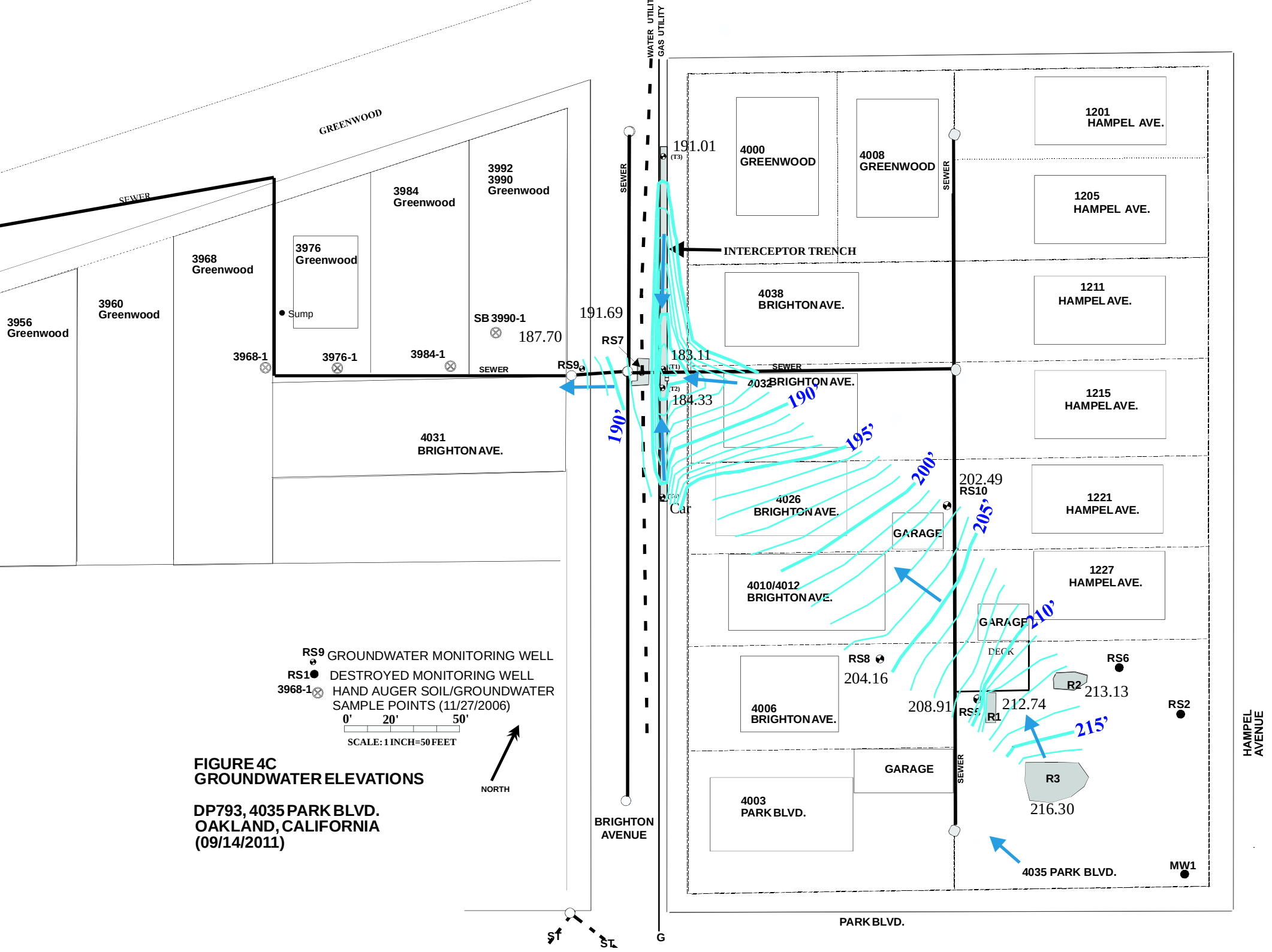


FIGURE 4C
GROUNDWATER ELEVATIONS

DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(09/14/2011)

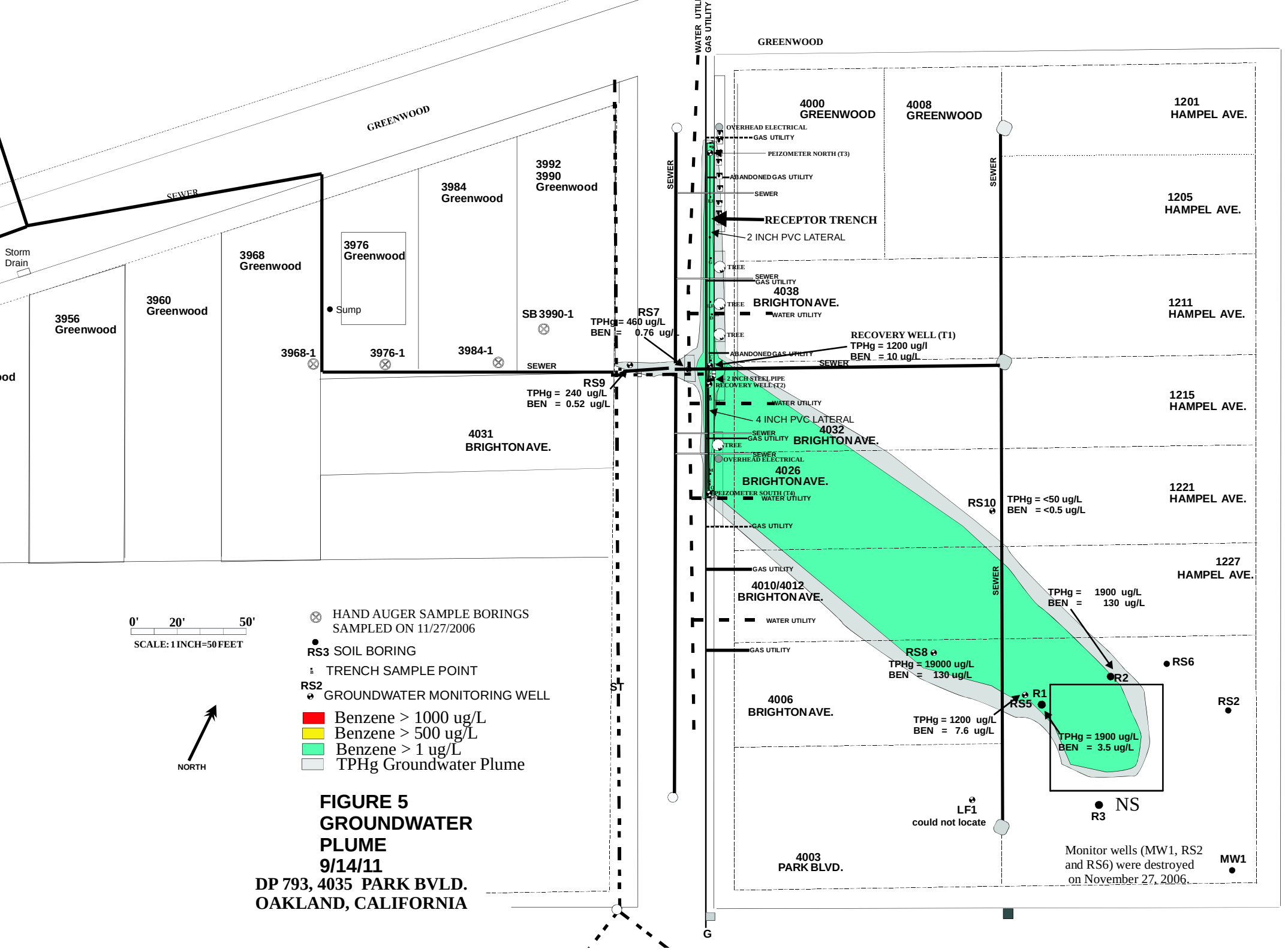


FIGURE 5
GROUNDWATER PLUME
9/14/11
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

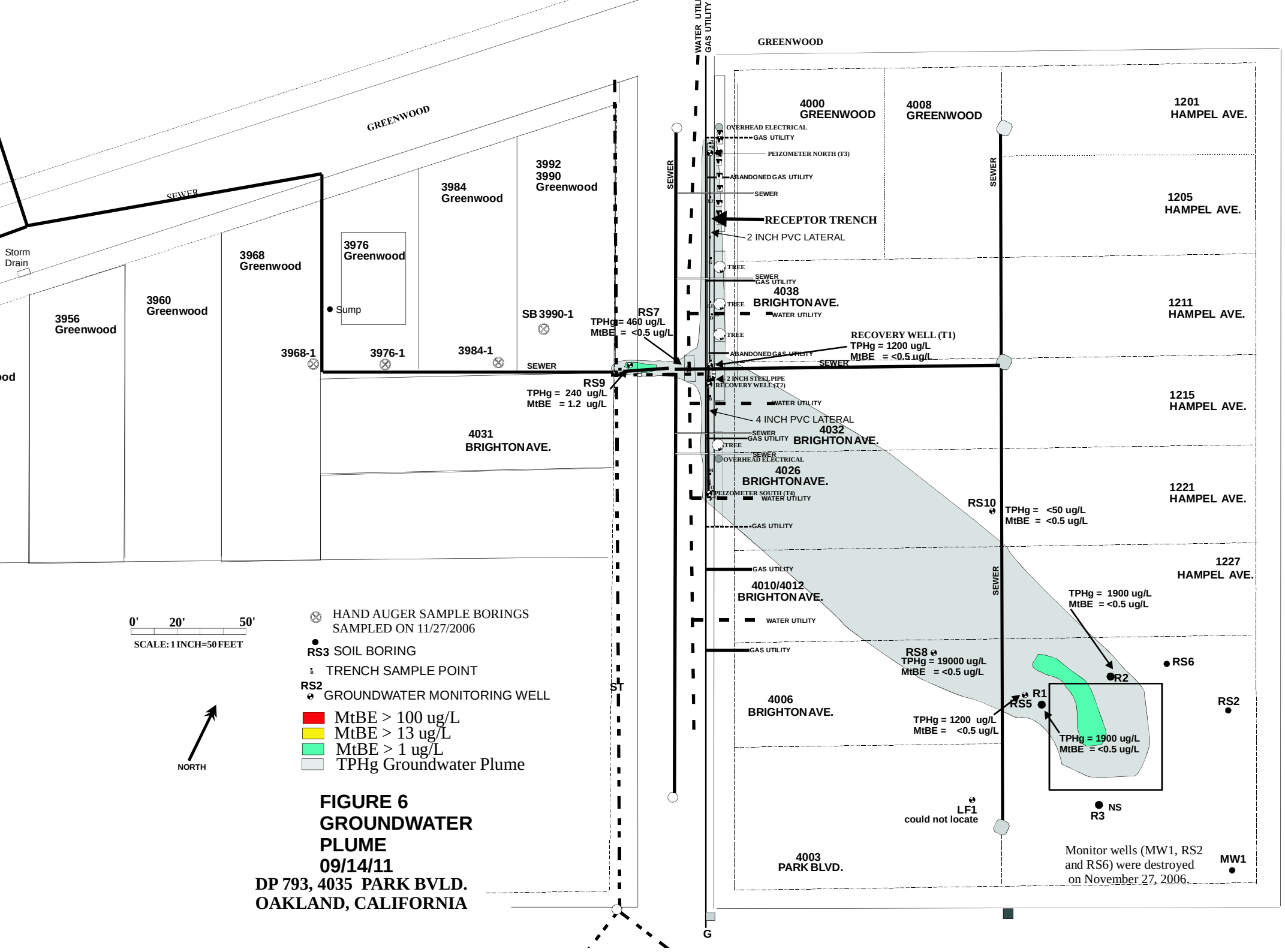


FIGURE 6
GROUNDWATER PLUME
09/14/11
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

APPENDIX A.

METHODS AND PROCEDURES, QA/QC

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.

The probe is washed with TSP 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°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°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

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

DATE 6-29-11 REASON FOR SITE VISIT weekly O&m, DTW monthly Carbon In last sample

TIME	TRENCH WELL T1 PID	DTW	pH	TEMP.	COND.
		8.28 ← pumping			
	grease pads in to top water				
	recycle				

elv = 182.03 / 29" ... moved to 30 PSI

TRENCH WELL T2 PID	DTW	pH	TEMP.	COND.
	8.18			
	188.12			

TRENCH WELL T3 PID	DTW	pH	TEMP.	COND.
	11.20			
	bottom 12.20			

194.18 "n shoe"

TRENCH WELL T4 PID	DTW	pH	TEMP.	COND.
	Coon			

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
	X	X	20.22	X
			elev 201.39	

RS7	RS8	RS9	RS10
4.18	10.70	7.0	2.46
	+ bailer	186.63	removed
186.07	15.41 / 204.47		bailer 206.06

R1	R2	R3
14.52	13.12	9.90
213.17	214.46	212.85

COMMENTS Cloudy rain. DTW all wells. retrieve bailer from RS10. DTW vacuum & water RS8. Test sump pump. replace filter cartridges

ELECTRIC METER 1851

RS05 WATER METER 0070928.5 PSI 12 / 10

T1 WATER METER 0071396.5 PSI 14 / 10 filter change

discharge WATER METER 0743573.0

WASTEWATER INFLUENT	
TIME	
pH	
Conductivity	
Temperature	
PID	

SAMPLE(s) T1 RS05 & C1 SITE MONITORED BY Conrad

sump pump check good, clean, inlet not leaking

WATER TREATMENT
RS5 FLOW RATE ____ GALLONS/____ MINUTES
T1 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED ________
T2 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED ________

PRESSURE WATER CARBONS #1 8.0 PSI, #2 X PSI, #3 1.5 PSI, #4 0 PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-14-11

REASON FOR SITE VISIT O & M of treatment system

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.
		(			
		top pump			
		dry			

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.
	10.92			
	w/ change back tom			

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
			18.50	
			change	
			bottom	

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Bot Change out filter cartridges T1 & RS05

ELECTRIC METER

RS05 WATER METER 77761.0 PSI 10

T1 WATER METER 81449.0 PSI 10

discharge WATER METER 760407.0

SAMPLE(s C3-out

9 gpm pump check good

SITE MONITORED BY: George Concare

	WASTEWATER INFLUENT
TIME	
pH	
Conductivity	
Temperature	
PID	

WATER TREATMENT
RS5 FLOW RATE _____ GALLONS/_____ MINUTES
T1 FLOW RATE _____ GALLONS/_____ MINUTES GALLONS PURGED
T2 FLOW RATE _____ GALLONS/_____ MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 8.0 PSI, #2 X PSI,
#3 0 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

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

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5040550 1

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

DATE 7-28-11 REASON FOR SITE VISIT Concrete

TIME	TRENCH WELL T1 PID	DTW	pH	TEMP.	COND.	TRENCH WELL T2 PID	DTW	pH	TEMP.	COND.	TRENCH WELL T3 PID	DTW	pH	TEMP.	COND.	TRENCH WELL T4 PID	DTW	pH	TEMP.	COND.
12:52		12.5	top	pump dry			8.55													
12:45		11.50																		

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6	RS7	RS8	RS9	RS10	R1	R2	R3
11:05			21.75								
11:35			19.40								

COMMENTS RS08 Concrete T8 foot point 1.8' x 1.4' circular X 12" to place lid at soil/grass line. Change out pumps for cleaning/inspection.

ELECTRIC METER 2472

RS05 WATER METER 0084613 PSI 10

T1 WATER METER 0088197 PSI 10 pulled 22

discharge WATER METER 0774005

WASTEWATER INFLUENT	
TIME	
pH	
Conductivity	
Temperature	
PID	

SAMPLE(s None

SITE MONITORED BY: Concrete

sump pump check Good

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 6.8 PSI, #2 X PSI,
#3 9.0 PSI, #4 ____ PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS

CONDITION OF COMPOUND COMMENTS

after cleaning Carbons
#1 3.0 #3 20.0

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 filter absolute orange bacteria - pulled pump same, change out pump for cleaned.
T1 filter dk grey bio T1 well orange bacteria, change out pump for cleaning
pump 60 PSI / filter 30 psi open bypass pump 30 psi filter ~~20~~ 15 psi

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-10-11

REASON FOR SITE VISIT Carbon change out - site monitor

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.
		12.30			
		pump off			

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.
	10.45			

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.
	N/A			

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.
	N/A			

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
11:25	X	X	12.85	X
			pump off	

RS7	RS8	RS9	RS10
4.30	8.90	7.52	N/A
	9.55		
	not pulled		

R1	R2	R3	
15.05	13.72	10.55	

COMMENTS Spill containment "L" water. Test sump pump - not working. Trench well pumps off. Remove #1 #2 carbons

ELECTRIC METER 2647

RS05 WATER METER 0088284 PSI 9

T1 WATER METER 0094011.5 PSI 10

discharge WATER METER 0783590.5

SAMPLE(s None

SITE MONITORED BY: [illegible]

sump pump check - bad needs shop 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 6 PSI, #2 X PSI, #3 1.5 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS____

CONDITION OF COMPOUND COMMENTS____

Tie 32 24 filled 14
24 filled 10

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

PG&E: 800 743-5000 Desert Pet. 805 654 8084

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-24-11 REASON FOR SITE VISIT Concern

	TRENCH WELL T1				
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS No Power to Elec. Box pumps off. Need to pay bill - PG&E

ELECTRIC METER 2848 RS05 WATER METER 0092163 PSI

20 V T1 WATER METER 0100769 PSI

discharge WATER METER 0792267

SAMPLE(s No SITE MONITORED BY: Converse

sump pump check Install used sump pump

	WASTEWATER INFLUENT
TIME	
pH	
Conductivity	
Temperature	
PID	

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

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

DATE 8-31-11

REASON FOR SITE VISIT turn pumps on after power outage

GW Elev.
R55 211.57
R57 191.64
R58 205.64
R59 188.38
R510 203.79
R1 212.97
R2 213.35
R3 216.47
T1 190.14
T2 190.19
T3 191.11
T4 NA

TIME	TRENCH WELL T1 PID	DTW	pH	~~TEMP.~~ RST	COND.
11:26		4.92			
11:26		5.10		28	
11:30				26	

TRENCH WELL T2 PID	DTW	pH	TEMP.	COND.
	5.11			

TRENCH WELL T3 PID	DTW	pH	TEMP.	COND.
	11.27			

TRENCH WELL T4 PID	DTW	pH	TEMP.	COND.
Cset				

DEPTH TO WATER

← need 60 cc syringe w/ tubing to remove water in TB.

TIME	MW1	RS2	RS5	RS6
	X	X	16.70	X
11:38			32+	

RS7	RS8	RS9	RS10
4.35	4.68 Riser	7.25	4.67

R1	R2	R3	
14.72	13.93	10.78	

COMMENTS Power to Compound. Sump Pump pulls to many amps - trips off TGF. DTW wells prior to turning on pumps.

ELECTRIC METER 2898

11:38 → 0092207
WATER METER 0092180 PSI
11:35 RS05 / T1 / discharge — WATER METER 0100819 PSI 12
WATER METER 0792326

SAMPLE(S) No

SITE MONITORED BY: Concerse

supm pump check - pulls to many amps

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 4 PSI, #2 X PSI,
#3 0 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

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

Desert Pet. Bob Tribble 805 654 8084, ext 204

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-8-11

REASON FOR SITE VISIT weekly o&m notify property owner of mw sample restrict

	TRENCH WELL T1					TRENCH WELL T2					TRENCH WELL T3					TRENCH WELL T4				
TIME	PID	DTW	pH	TEMP.	COND.	PID	DTW	pH	TEMP.	COND.	PID	DTW	pH	TEMP.	COND.	PID	DTW	pH	TEMP.	COND.
	Tot. Prime																			
	20 psi						10.96													

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6	RS7	RS8	RS9	RS10	R1	R2	R3					
	X	X	32.70	X												

COMMENTS

ELECTRIC METER 3025

RS05 WATER METER 0094360 PSI 8

T1 WATER METER 0106875 PSI 8

discharge WATER METER 0799990

	WASTEWATER INFLUENT
TIME	
pH	
Conductivity	
Temperature	
PID	

SAMPLE(s

SITE MONITORED BY: Conver

sump pump check

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 6 PSI, #2 X PSI,
#3 1.5 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

CONDITION OF COMPOUND COMMENTS good

Acceptence of water phase carbon units only if completely flooded with water ____ yes ____ no - return to carbon manufacture
Acceptence 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 0P 793

4005 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043560 1

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

DATE 9-14-11 REASON FOR SITE VISIT Semi Annual well Samples

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS8

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS System not pumping on arrival - wells pumped down.

ELECTRIC METER 3101 1600hrs

RS05 WATER METER 0096014 PSI 10

T1 WATER METER 0109744 PSI 10

discharge WATER METER 0804087

WASTEWATER INFLUENT	
TIME	
pH	
Conductivity	
Temperature	
PID	

SAMPLE(s) Semi Annual well Samples "8" SITE MONITORED BY: Converse

sump pump check good

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 6.75 PSI, #2 ____ PSI,
#3 0 PSI, #4 ____ PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

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 6.5 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

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

DATE 9-23-11

REASON FOR SITE VISIT O&M of System

	TRENCH WELL T1				
TIME	PID	DTW	pH	TEMP.	COND.
		11.40			
	Pump	Turned off after			
	2.5 gallons				
	00137025				

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.
	10.98			

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
			14.0	pump off
Pump	off down to	→ 35.5'		= 2 gals
in	22 minutes			
	00983129.5			

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS System not pumping on arrival - wells pumped down. Change out filter cartridges. Inspect carbon turn on pumps Draw pump down. Inspect T1 & T2

ELECTRIC METER 3211

RS05 WATER METER 00983275 PSI 11 p

T1 WATER METER 0113700 PSI 9.75

discharge WATER METER 08096685

	WASTEWATER INFLUENT
TIME	
pH	
Conductivity	
Temperature	
PID	

SAMPLE(s No

SITE MONITORED BY: Conieno

sucm pump check good

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 10.5 PSI, #2 X PSI,
#3 0 PSI, #4 X PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good - 2 used carbons on site

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 9.5 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
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wgeo@cal.net

GROUNDWATER ELEVATION DATA
AND PRODUCT THICKNESS MEASUREMENTS

SITE **DP 793, 4035 Park Blvd., Oakland, CA.**
DATE **September 14, 2011** 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 (ftitc)	DEPTH TO WATER (ftitc)	DEPTH TO TOP OF FLUID (ftitc)	Free Phase floating (feet)	WATER COLUMN IN FEET	Water Elevation
RS05	227.61	39.20	18.70	18.70	No	Not pumped	208.91
RS07	195.99	7.25	4.30	4.30	No		191.69
RS08	214.67	14.50	10.51	10.51	No		204.16
RS09	195.63	15.50	7.93	7.93	NO		187.70
RS10	208.46	9.80	5.97	5.97	No		202.49
RO1	227.69	16.8	14.95	14.95	NO		212.74
RO2	227.28	16.92	14.15	14.15	No		213.13
RO3	227.25	11.74	10.95	10.95	No		216.30
T01	195.11	10	12.00	12.00	pumped No		183.11
T02	195.30	10	10.97	10.97	No		184.33
T03	202.38	10	11.37	11.37	NO		191.01
T04	197.48	10	Car	—	—		

pumped gallons
Purged
5.25
2.25
4.25
2.50
5.25
5.25
24.75
Pumped

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

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WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 14, 2011
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 18.70

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

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET
G/L PURGE ONE CASING VOLUME
(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.)
14:05			pumping well						
				23.3	6.47	383	190		clear
			meter @		0095989.0				no odor

FINAL VOLUME PURGED
TIME SAMPLED 14:09
SAMPLE ID# RS05
NOTES Not pumping dewig DTW pump down to 30.0 in 2 minutes

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

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2.6
.65
130
156
1.690

WELL SAMPLE DATA SHEET

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

DATE September 14, 2011 START TIME

WELL ID# RS07 SAMPLE BY CONVERSE

CASING ELEVATION, IN FEET 195.99 WATER COLUMN, IN FEET 2.6

CASING TOTAL DEPTH, IN FEET 7.0 G/L PURGE ONE CASING VOLUME 1.7 gls

CASING DIAMETER IN INCHES 4" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT

DEPTH TO TOP OF FLUID 4.30 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT 5.1

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 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.)
1320			1 Bailer	21.0	7.02	448	224		clear w/ dk gray sludge on bottom
1324			1.0	20.7	7.03	424	212		
1326			2.0	20.6	7.01	410	205		
1328			3.0	20.5	6.98	401	201		
1330			4.0	20.5	6.95	395	197		
1332			5.0	20.5	6.96	390	195		
							DTW=		4.38

FINAL VOLUME PURGED 5.25 ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE

TIME SAMPLED 1335 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S

SAMPLE ID# RS07 LABORATORY USED KIFF Analytical

NOTES

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.165 / 4 / .660

WELL SAMPLE DATA SHEET

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

DATE September 14, 2011 | START TIME
WELL ID# RS08 | SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 214.67 | WATER COLUMN, IN FEET 4.0
CASING TOTAL DEPTH, IN FEET 14.5 | G/L PURGE ONE CASING VOLUME 0.66 gl
CASING DIAMETER IN INCHES 2" | (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 10.51 | 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 10.51 | FT^3 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.)
11:30			1 Baile	18.6	6.58	653	326	—	Sl cloudy Turbid
11:40			1.0	17.6	6.45	638	320	—	no odor
11:45			1.5	17.3	6.45	639	320		small [illegible] on bottom
11:50			2.0	17.1	6.53	~~644~~ 639	320		fine sed on bottom
							D.T.W.= 12.80		

FINAL VOLUME PURGED 2.25 gl | ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 1152 | SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# RS08 | LABORATORY USED KIFF Analytical
NOTES

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WELL SAMPLE DATA SHEET

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

DATE **September 14, 2011** | START TIME
WELL ID# **RS09** | SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **195.63** | WATER COLUMN, IN FEET 7.57
CASING TOTAL DEPTH, IN FEET **15.50** | G/L PURGE ONE CASING VOLUME 1.25 gls
CASING DIAMETER IN INCHES **2"** | (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 7.93 | 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**

3 7.6 .165 380 456 76 1.2540

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.)
1250			1 Bailer	18.4	6.66	238	119		Clear no color
1255			1.0	18.1	6.59	235	117		Sl turbid reddish brown
1258			2.0	17.9	6.56	240	120		)
1300			3.0	17.8	6.50	280	140		Sl turbid brown
1303			4.0	17.8	6.52	320	160		no odor reddish sludge on bottom of bailer
							DTW =		11.20

FINAL VOLUME PURGED 4.25 | ANALYSIS INCLUDES: **8260B TPHg, BTEX, MTBE**

TIME SAMPLED 1305 | SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**

SAMPLE ID# **RS09** | LABORATORY USED **KIFF Analytical**

NOTES

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WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 14, 2011** START TIME
WELL ID# **RS10** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **208.46** WATER COLUMN, IN FEET **4.0**
CASING TOTAL DEPTH, IN FEET **9.78'** G/L PURGE ONE CASING
VOLUME **0.66gl**
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID **5.97** 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.)
12:20			1 Bailer	17.6	6.20	194	96		Turbid brown
12:25			1.5	17.3	6.11	192	96		clear SI Turbid
12:27			2.0	~~17.2~~ 17.1	6.08	200	100		(
12:29			2.25	17.1	6.12	199	99		)
								DTW=	8.65

FINAL VOLUME PURGED 2.50 ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 1230 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **RS10** LABORATORY USED **KIFF Analytical**

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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wege@cal.net

WELL SAMPLE DATA SHEET

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

DATE September 14, 2011
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 14.95

DEPTH TO TOP OF WATER 14.95
TOP OF WATER ELEVATION
PUMP TYPE Hand Bail
DTW METER USED SOLINST MODEL 122

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 1.85
G/L PURGE ONE CASING VOLUME 2.8 gal
(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)
FT³ 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.)
1524			1 Bailer	18.7	6.89	450	226		clear & ph glass
1527			2.0	18.5	6.61	420	209		sl silt on bottom
1530			3.0	18.5	6.62	412	206		clear
1534			4.0	18.5	6.62	412	206		
15:37			5.0	18.5	6.64	412	206		
								DTW=	15.10

FINAL VOLUME PURGED 5.25
TIME SAMPLED 1540
SAMPLE ID# R1
NOTES

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

-WEGE-
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GEO-ENGINEERS
CALIF. CONTRACTOR #513857
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WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 14, 2011 START TIME
WELL ID# R2 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.28 WATER COLUMN, IN FEET 2.77
CASING TOTAL DEPTH, IN FEET 16.92 G/L PURGE ONE CASING VOLUME ~~5.4~~ 3.69
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 14.15 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 14.15 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.)
1455			1 Bailer	22.6	6.40	699	348		clear
1502			2.0	19.8	6.44	698	349		"
1506			4.0	19.2	6.52	687	343		"
1508			5.0	19.1	6.54	690	345		"
							DTW =		14.23

FINAL VOLUME PURGED 5.25 ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 15:14 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# R2 LABORATORY USED KIFF Analytical
NOTES

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

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 14, 2011** START TIME
WELL ID# **R3** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.25** WATER COLUMN, IN FEET 0.8
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 10.95 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.)
	No	Sample		units	Stale	in	casing	Stale	

FINAL VOLUME PURGED
TIME SAMPLED
SAMPLE ID# **R3**
NOTES

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

-WEGE-
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

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 14. 2011** START TIME
WELL ID# **RECEPTOR TRENCH T1, T2, T3, T4** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **T1=195.11** WATER COLUMN, IN FEET
CASING TOTAL DEPTH, IN FEET **14.5** G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES **4"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 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 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**

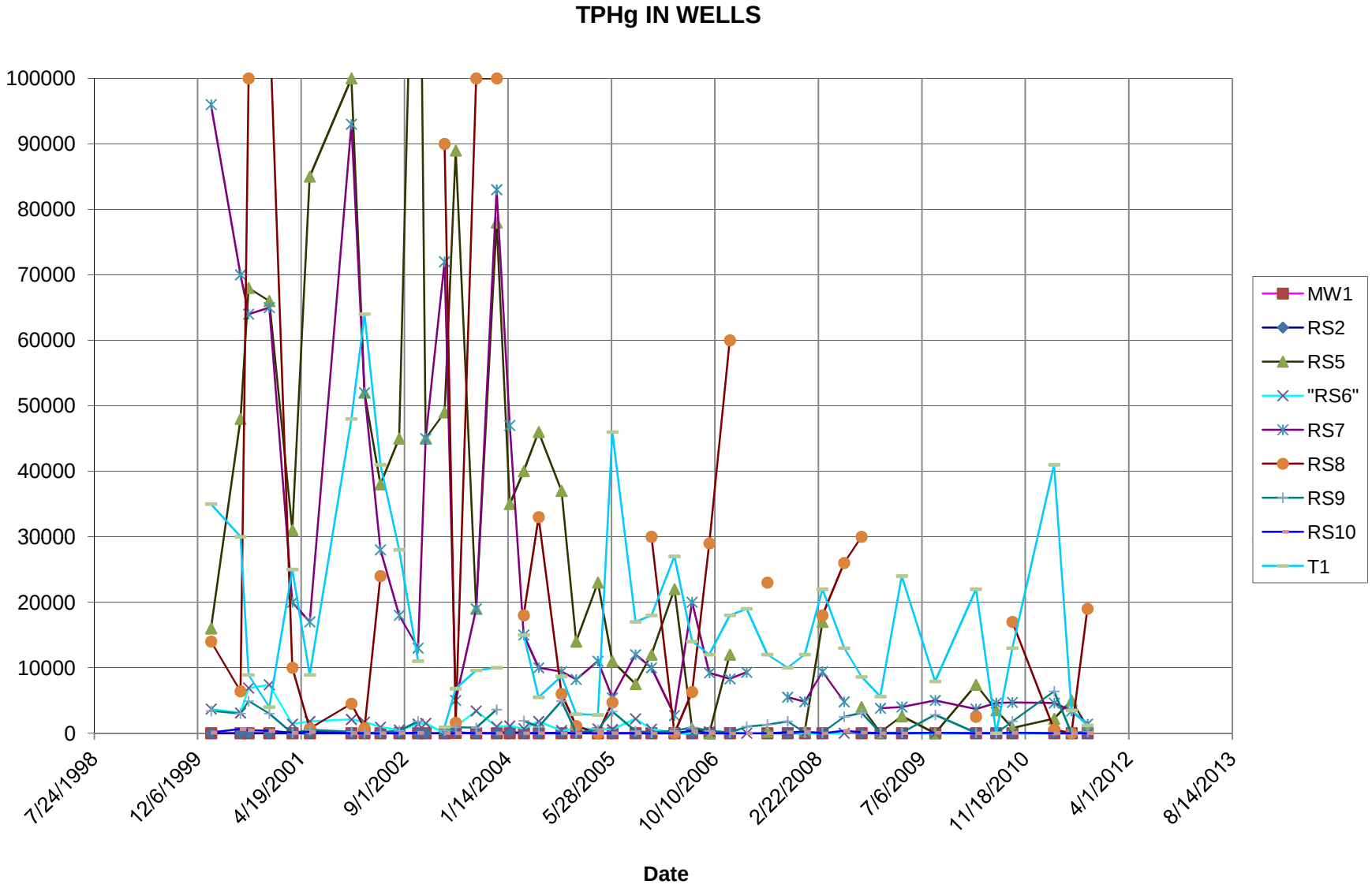
TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
		pumping well							
		meter @		01	09	652.0			
				24.2	6.47	397	197		clear no odor

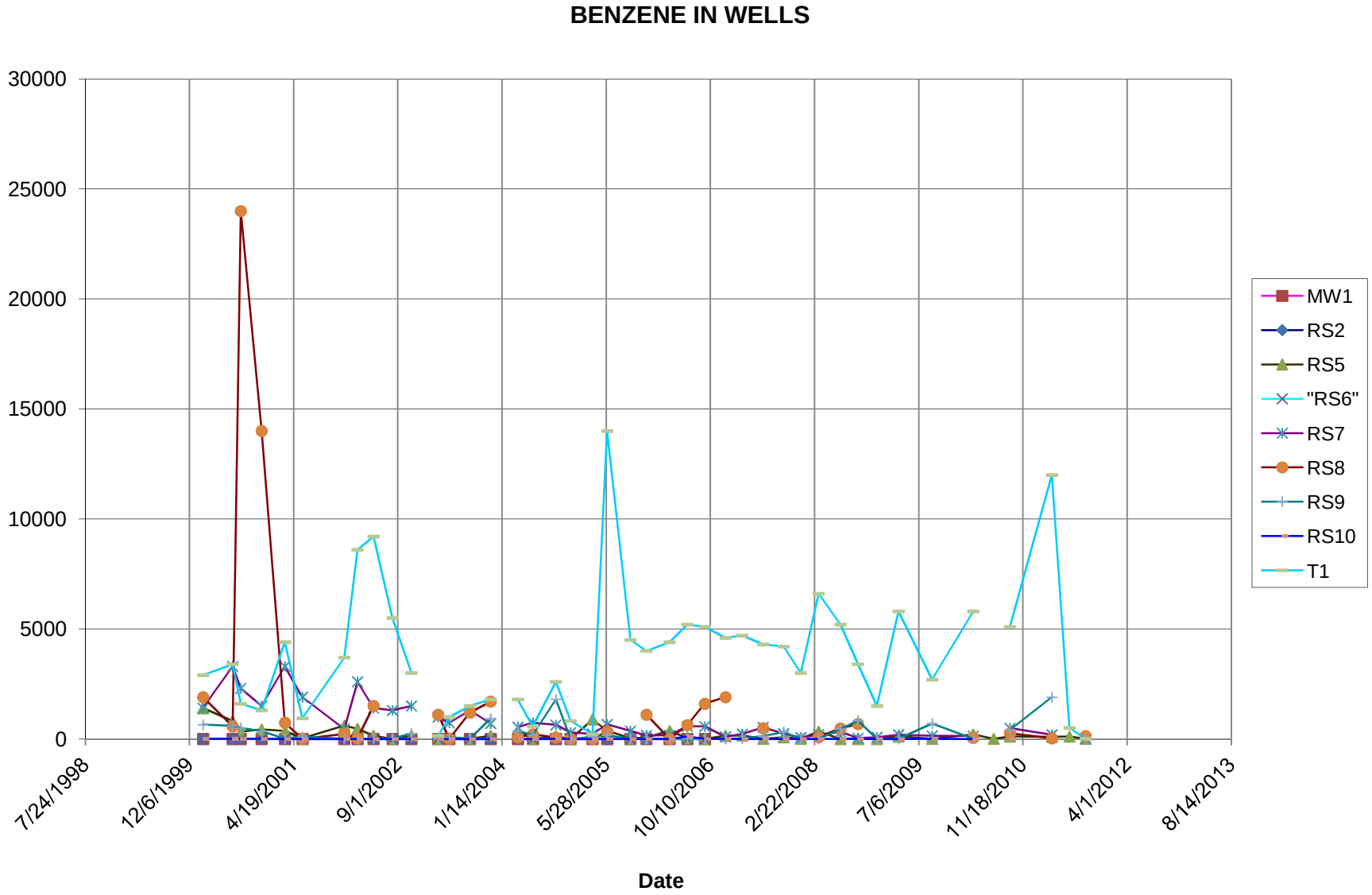
FINAL VOLUME PURGED pumpy
TIME SAMPLED 1420
SAMPLE ID# **T1**
NOTES

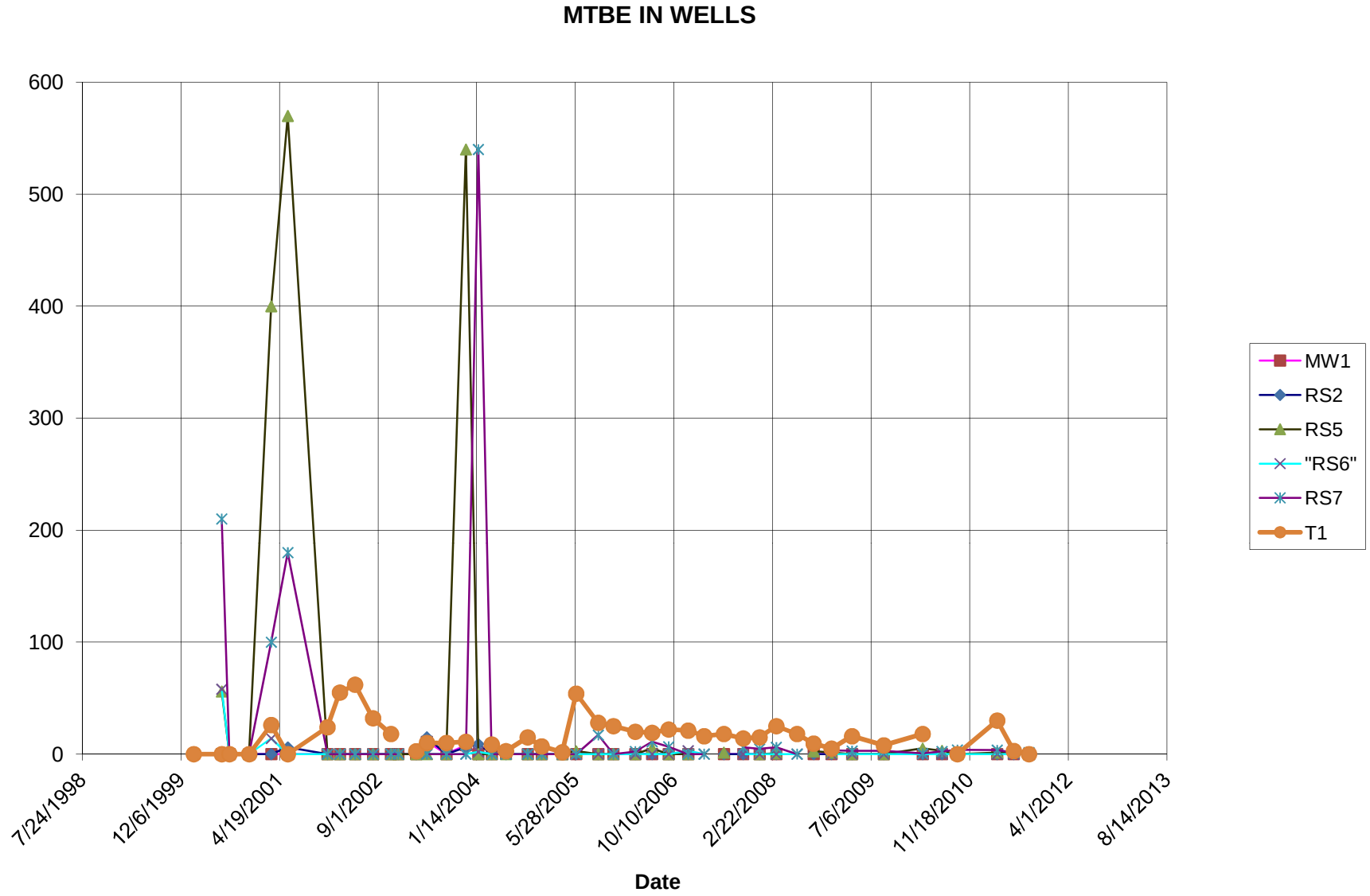
ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
LABORATORY USED **KIFF Analytical**

APPENDIX B.

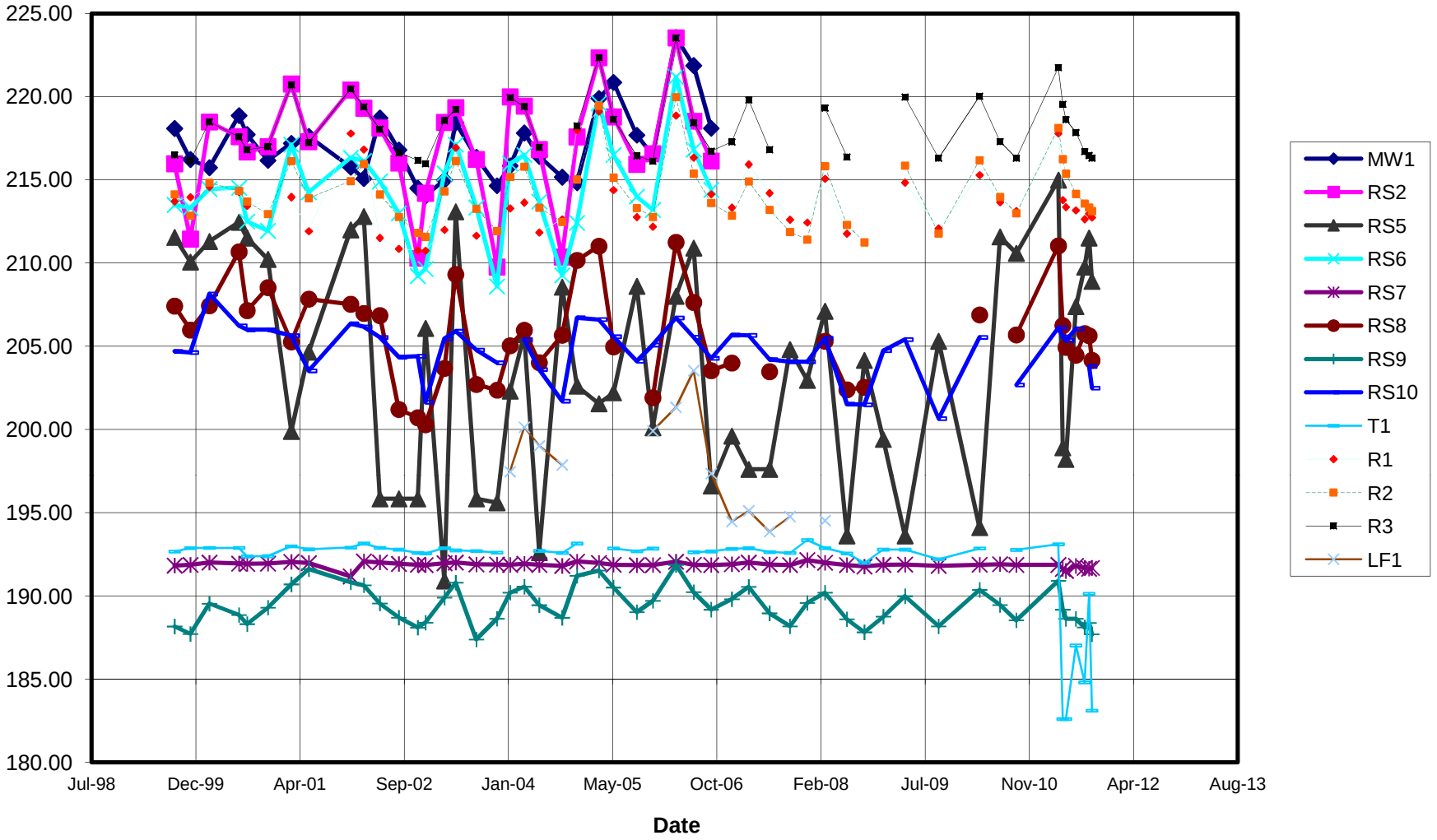
GROUNDWATER ELEVATION CHART
TPHg, Benzene & MtBE IN WELLS CHARTS


TPHg IN WELLS
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
7/24/1998
12/6/1999
4/19/2001
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
Date
MW1
RS2
RS5
"RS6"
RS7
RS8
RS9
RS10
T1


BENZENE IN WELLS
30000
25000
20000
15000
10000
5000
0
7/24/1998
12/6/1999
4/19/2001
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
Date
MW1
RS2
RS5
"RS6"
RS7
RS8
RS9
RS10
T1


MTBE IN WELLS
600
500
400
300
200
100
0
7/24/1998
12/6/1999
4/19/2001
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
Date
MW1
RS2
RS5
"RS6"
RS7
T1

Groundwater Elevation



APPENDIX C.

LABORATORY REPORTS

KIFF Analytical LLC

Report Number : 78779
Date : 09/22/2011

Laboratory Results

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

Subject : 8 Water Samples
Project Name : DP793
Project Number : Sept. 2011

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 standard. All soil samples are reported on a total weight (wet weight) basis unless noted otherwise in the case narrative. 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,

Joel Kiff

KIFF Analytical LLC

Report Number : 78779
Date : 09/22/2011

Project Name : **DP793**
Project Number : **Sept. 2011**

Sample : **RS05** Matrix : Water Lab Number : 78779-01
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**7.6**	0.50	ug/L	EPA 8260B	09/20/11 02:00
Toluene	**4.7**	0.50	ug/L	EPA 8260B	09/20/11 02:00
Ethylbenzene	**6.6**	0.50	ug/L	EPA 8260B	09/20/11 02:00
Total Xylenes	**74**	0.50	ug/L	EPA 8260B	09/20/11 02:00
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 02:00
TPH as Gasoline	**1200**	50	ug/L	EPA 8260B	09/20/11 02:00
1,2-Dichloroethane-d4 (Surr)	99.3		% Recovery	EPA 8260B	09/20/11 02:00
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	09/20/11 02:00

Sample : **RS07** Matrix : Water Lab Number : 78779-02
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.76**	0.50	ug/L	EPA 8260B	09/20/11 02:35
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 02:35
Ethylbenzene	**3.2**	0.50	ug/L	EPA 8260B	09/20/11 02:35
Total Xylenes	**0.67**	0.50	ug/L	EPA 8260B	09/20/11 02:35
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 02:35
TPH as Gasoline	**460**	50	ug/L	EPA 8260B	09/20/11 02:35
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	09/20/11 02:35
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	09/20/11 02:35

KIFF Analytical LLC

Report Number : 78779
Date : 09/22/2011

Project Name : **DP793**
Project Number : **Sept. 2011**

Sample : **RS08** Matrix : Water Lab Number : 78779-03
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**130**	0.50	ug/L	EPA 8260B	09/19/11 07:16
Toluene	**60**	0.50	ug/L	EPA 8260B	09/19/11 07:16
Ethylbenzene	**86**	0.50	ug/L	EPA 8260B	09/19/11 07:16
Total Xylenes	**1300**	2.5	ug/L	EPA 8260B	09/21/11 04:48
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 07:16
TPH as Gasoline	**19000**	250	ug/L	EPA 8260B	09/21/11 04:48
1,2-Dichloroethane-d4 (Surr)	95.4		% Recovery	EPA 8260B	09/19/11 07:16
Toluene - d8 (Surr)	97.6		% Recovery	EPA 8260B	09/19/11 07:16

Sample : **RS09** Matrix : Water Lab Number : 78779-04
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**0.52**	0.50	ug/L	EPA 8260B	09/20/11 03:10
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 03:10
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 03:10
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 03:10
Methyl-t-butyl ether (MTBE)	**1.2**	0.50	ug/L	EPA 8260B	09/20/11 03:10
TPH as Gasoline	**240**	50	ug/L	EPA 8260B	09/20/11 03:10
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	09/20/11 03:10
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	09/20/11 03:10

KIFF Analytical LLC

Report Number : 78779
Date : 09/22/2011

Project Name : **DP793**
Project Number : **Sept. 2011**

Sample : **RS10** Matrix : Water Lab Number : 78779-05
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:35
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:35
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:35
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:35
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:35
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/19/11 20:35
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	09/19/11 20:35
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	09/19/11 20:35

Sample : **R1** Matrix : Water Lab Number : 78779-06
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**3.5**	0.50	ug/L	EPA 8260B	09/19/11 20:38
Toluene	**0.63**	0.50	ug/L	EPA 8260B	09/19/11 20:38
Ethylbenzene	**3.2**	0.50	ug/L	EPA 8260B	09/19/11 20:38
Total Xylenes	**1.7**	0.50	ug/L	EPA 8260B	09/19/11 20:38
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:38
TPH as Gasoline	**1900**	50	ug/L	EPA 8260B	09/19/11 20:38
1,2-Dichloroethane-d4 (Surr)	93.5		% Recovery	EPA 8260B	09/19/11 20:38
Toluene - d8 (Surr)	93.3		% Recovery	EPA 8260B	09/19/11 20:38

KIFF Analytical LLC

Report Number : 78779
Date : 09/22/2011

Project Name : **DP793**
Project Number : **Sept. 2011**

Sample : **R2** Matrix : Water Lab Number : 78779-07
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**130**	0.50	ug/L	EPA 8260B	09/19/11 20:47
Toluene	**4.9**	0.50	ug/L	EPA 8260B	09/19/11 20:47
Ethylbenzene	**11**	0.50	ug/L	EPA 8260B	09/19/11 20:47
Total Xylenes	**5.4**	0.50	ug/L	EPA 8260B	09/19/11 20:47
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/11 20:47
TPH as Gasoline	**1900**	50	ug/L	EPA 8260B	09/19/11 20:47
1,2-Dichloroethane-d4 (Surr)	97.5		% Recovery	EPA 8260B	09/19/11 20:47
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	09/19/11 20:47

Sample : **T1** Matrix : Water Lab Number : 78779-08
Sample Date :09/14/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**10**	0.50	ug/L	EPA 8260B	09/20/11 03:45
Toluene	**5.7**	0.50	ug/L	EPA 8260B	09/20/11 03:45
Ethylbenzene	**8.6**	0.50	ug/L	EPA 8260B	09/20/11 03:45
Total Xylenes	**85**	0.50	ug/L	EPA 8260B	09/20/11 03:45
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/20/11 03:45
TPH as Gasoline	**1200**	50	ug/L	EPA 8260B	09/20/11 03:45
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	09/20/11 03:45
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	09/20/11 03:45

Report Number : 78779

Date : 09/22/2011

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **Sept. 2011**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/21/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/21/2011
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/19/2011
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	09/19/2011
Toluene - d8 (Surr)	99.0		%	EPA 8260B	09/19/2011
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/2011
1,2-Dichloroethane-d4 (Surr)	99.5		%	EPA 8260B	09/18/2011
Toluene - d8 (Surr)	99.4		%	EPA 8260B	09/18/2011
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/19/2011
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/19/2011
Toluene - d8 (Surr)	98.1		%	EPA 8260B	09/19/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/19/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/19/2011
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	09/19/2011
Toluene - d8 (Surr)	101		%	EPA 8260B	09/19/2011

KIFF ANALYTICAL, LLC

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

Report Number : 78779

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/22/2011

Project Name : **DP793**

Project Number : **Sept. 2011**

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														
	78812-01	16	39.8	39.4	58.5	54.3	ug/L	EPA 8260B	9/20/11	107	97.8	9.28	76.8-120	25
Benzene														
	78779-07	130	40.0	40.0	161	160	ug/L	EPA 8260B	9/19/11	86.3	84.2	2.49	80-120	25
Ethylbenzene														
	78779-07	11	40.0	40.0	51.3	51.4	ug/L	EPA 8260B	9/19/11	99.7	99.8	0.0791	80-120	25
Methyl-t-butyl ether														
	78779-07	<0.50	40.2	40.2	40.8	41.9	ug/L	EPA 8260B	9/19/11	102	104	2.57	69.7-121	25
P + M Xylene														
	78779-07	4.4	40.0	40.0	43.2	43.3	ug/L	EPA 8260B	9/19/11	97.1	97.3	0.240	76.8-120	25
Toluene														
	78779-07	4.9	40.0	40.0	42.0	42.4	ug/L	EPA 8260B	9/19/11	92.6	93.6	1.08	80-120	25
Benzene														
	78785-03	<0.50	40.0	40.0	36.2	36.8	ug/L	EPA 8260B	9/18/11	90.5	92.0	1.62	80-120	25
Ethylbenzene														
	78785-03	<0.50	40.0	40.0	37.8	38.8	ug/L	EPA 8260B	9/18/11	94.6	97.1	2.58	80-120	25
Methyl-t-butyl ether														
	78785-03	<0.50	40.2	40.2	34.9	36.4	ug/L	EPA 8260B	9/18/11	86.9	90.5	4.01	69.7-121	25

KIFF ANALYTICAL, LLC

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793**

Project Number : **Sept. 2011**

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
Toluene														
	78785-03	<0.50	40.0	40.0	36.3	37.1	ug/L	EPA 8260B	9/18/11	90.7	92.8	2.34	80-120	25
Benzene														
	78779-05	<0.50	40.0	40.0	39.2	36.8	ug/L	EPA 8260B	9/19/11	98.0	92.0	6.35	80-120	25
Ethylbenzene														
	78779-05	<0.50	40.0	40.0	41.5	38.4	ug/L	EPA 8260B	9/19/11	104	96.0	7.80	80-120	25
Methyl-t-butyl ether														
	78779-05	<0.50	40.2	40.2	38.7	36.1	ug/L	EPA 8260B	9/19/11	96.4	89.9	6.98	69.7-121	25
P + M Xylene														
	78779-05	<0.50	40.0	40.0	41.0	38.4	ug/L	EPA 8260B	9/19/11	102	96.1	6.44	76.8-120	25
Toluene														
	78779-05	<0.50	40.0	40.0	39.6	36.9	ug/L	EPA 8260B	9/19/11	99.0	92.2	7.04	80-120	25
Benzene														
	78779-06	3.5	40.0	40.0	40.3	40.2	ug/L	EPA 8260B	9/19/11	92.0	91.9	0.132	80-120	25
Ethylbenzene														
	78779-06	3.2	40.0	40.0	42.8	44.7	ug/L	EPA 8260B	9/19/11	98.9	104	4.81	80-120	25
Methyl-t-butyl ether														
	78779-06	<0.50	40.2	40.2	36.9	37.8	ug/L	EPA 8260B	9/19/11	91.9	94.0	2.28	69.7-121	25

KIFF ANALYTICAL, LLC

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793**

Project Number : **Sept. 2011**

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														
	78779-06	1.1	40.0	40.0	41.4	43.0	ug/L	EPA 8260B	9/19/11	101	105	3.89	76.8-120	25
Toluene														
	78779-06	0.63	40.0	40.0	37.5	39.7	ug/L	EPA 8260B	9/19/11	92.1	97.8	6.01	80-120	25

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Date : 09/22/2011

Project Name : **DP793**

Project Number : **Sept. 2011**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
P + M Xylene	40.0	ug/L	EPA 8260B	9/20/11	102	76.8-120
Benzene	40.0	ug/L	EPA 8260B	9/19/11	99.0	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/19/11	102	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	9/19/11	109	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	9/19/11	102	76.8-120
TPH as Gasoline	500	ug/L	EPA 8260B	9/19/11	109	70.0-130
Toluene	40.0	ug/L	EPA 8260B	9/19/11	99.1	80-120
Benzene	40.1	ug/L	EPA 8260B	9/18/11	92.6	80-120
Ethylbenzene	40.1	ug/L	EPA 8260B	9/18/11	95.5	80-120
Methyl-t-butyl ether	40.3	ug/L	EPA 8260B	9/18/11	88.4	69.7-121
Toluene	40.1	ug/L	EPA 8260B	9/18/11	93.2	80-120
Benzene	40.1	ug/L	EPA 8260B	9/19/11	98.6	80-120
Ethylbenzene	40.1	ug/L	EPA 8260B	9/19/11	102	80-120
Methyl-t-butyl ether	40.3	ug/L	EPA 8260B	9/19/11	95.9	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	9/19/11	101	76.8-120
TPH as Gasoline	501	ug/L	EPA 8260B	9/19/11	91.8	70.0-130
Toluene	40.1	ug/L	EPA 8260B	9/19/11	98.4	80-120

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793**

Project Number : **Sept. 2011**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	39.9	ug/L	EPA 8260B	9/19/11	101	80-120
Ethylbenzene	39.9	ug/L	EPA 8260B	9/19/11	102	80-120
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	9/19/11	95.9	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	9/19/11	104	76.8-120
TPH as Gasoline	500	ug/L	EPA 8260B	9/19/11	115	70.0-130
Toluene	39.9	ug/L	EPA 8260B	9/19/11	103	80-120

KIFF Analytical LLC

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

SRG # / Lab No. 78779

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse

California EDF Report? ☒ Yes ☐ No

Company / Address: WEGE / 1386 E Beamer St Woodland, CA 95776

Sampling Company Log Code:

Phone Number: 530 668 5300

Global ID:

Fax Number: 530 662

EDF Deliverable To (Email Address):

Project #: Sept. 2011

P.O. #:

Bill to: pd ch# 3612

Project Name: DP793

Sampler Print Name: George Converse

Sampler Signature: [signature]

Project Address: Oakland

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	Water	Soil	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 (☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☒ 1 wk)	For Lab Use Only
RS05	9-14-11	1405	3					X			X			X	X	X														1wk	01
RS07	"	1335	"					"			"			"	"	"														"	02
RS08	"	1152	"					"			"			"	"	"														"	03
RS09	"	1305	"					"			"			"	"	"														"	04
RS10	"	1230	"					"			"			"	"	"														"	05
R1	"	1540	"					"			"			"	"	"														"	06
R2	"	1514	"					"			"			"	"	"														"	07
T1	"	1420	"					"			"			"	"	"														"	08

CIRCLE METHOD

Relinquished by:	Date	Time	Received by:
[signature]	9-15-11	1350	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	091511	1350	[initials] Kiff Analytical

Remarks: Paid by Check #3612 for $528.00 on 091511 1350 [initials]

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER Initials

SRG#: 78779 Date: 091511

Project ID: DP793

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

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 3.5 Therm. ID# IR-1 Initial EAS Date/Time 091511 1345 ☐ 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 24

Matrix _____ Container type _____ # of containers received _____

Matrix _____ Container type _____ # of containers received _____

Date and Time Sample Put into Temp Storage Date: 091511 Time: 1350

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 D.

Correspondence from Alameda County Health

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

July 11, 2011

Mr. William Thompson
Desert Petroleum
3781 Telegraph Road
Ventura, CA 93003-3420

Mr. Kin Man Li et al.
P.O. Box 348
Oakland, CA 94604

Mr. Tony Razi
3609 East 14th Street
Oakland, CA 94601

Jason Golpad & Mojtaba Karimabadi
c/o Matt Haley
1633 San Pablo Avenue
Oakland, CA 94608

Subject: Rejection of Natural Attenuation Work Plan for Fuel Leak Case No. RO0000429 and GeoTracker Global ID T0600100158, Desert Petroleum Site DP793, 4035 Park Boulevard, Oakland, CA 94602

Dear Mr. Thompson, Li, Razi, and Haley:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced fuel leak case including the most recently submitted document entitled, *"Work Plan, Natural Attenuation Soil Sampling,"* dated June 8, 2011 and received by ACEH on June 23, 2011. The Work Plan, which was prepared on your behalf by Western Geo-Engineers, proposes advancing four soil borings within two feet of soil borings previously advanced in 2004. The Work Plan indicates that the purpose of the soil borings is to verify the degree of natural attenuation.

The document entitled, *"Work Plan Natural Attenuation Soil Sampling,"* dated June 8, 2011 and the proposed scope of work was not requested by ACEH. We do not believe this work is justified, particularly given the long history of lack of planning, lack of compliance, and extended delays on implementing remediation for this case. If the natural attenuation sampling is performed, the work will be done without ACEH approval and should not be reimbursed by the UST Cleanup Fund.

Although some natural attenuation can be expected to occur over a seven year period, advancing soil borings in the same locations as borings advanced seven years ago does not appear to provide sufficient information to justify further delaying excavation. This release occurred more than 20 years ago. A review of groundwater monitoring results indicates that groundwater concentrations in several wells have increased between 2004 and 2011. Natural attenuation does not appear to be a viable alternative for this site.

In a Notice to Comply dated September 8, 2010, ACEH notified you that this site is out of compliance with directives from this agency and requested that the proposed excavation be implemented in accordance with a Compliance Schedule provided in the September 8, 2010 correspondence. The Compliance Schedule and the progress made to date are noted below:

COMPLIANCE SCHEDULE

In correspondence dated, September 8, 2010, ACEH provided a list of actions with due dates that must be implemented to return the site to compliance:

- **November 18, 2010** – Resume groundwater extraction from well RS-5
- **November 30, 2010** – Complete permitting process for excavation and submit a schedule for ACEH review for planning and implementing excavation with excavation start date no later than May 30, 2011
- **December 6, 2010** – Begin construction of treatment compound for intercept trench
- **January 6, 2011** – Treatment compound operational

PROGRESS ON COMPLIANCE SCHEDULE

The following is a summary of the progress to date on the actions required in the Compliance Schedule:

1. **Resume Groundwater Extraction from Well RS-5.**
   Requested Date: November 18, 2010
   Actual Date: April 6, 2011

   Without ACEH concurrence or approval, pumping of on-site well RS-5 was suspended and the submersible pump, pump controller, and water totalizing meter removed from the site. Pumping from RS-5 had influenced off-site water levels and may have been effective in reducing off-site impacts. The equipment was reinstalled and pumping from well RS-5 was resumed on April 6, 2011.

2. **Complete Permitting Process for Excavation and Submit a Schedule for ACEH Review for Planning and Implementing Excavation with Excavation Start Date No Later than May 30, 2011**
   Requested Date: November 30, 2010
   Actual Date: Not completed

   Excavation of soils in the source area was proposed in a Work Plan dated February 13, 2006 and approved by ACEH in correspondence dated April 4, 2006. Since 2006, the plans for excavation have been modified in response to alternate proposals from Western Geo-Engineers, ACEH technical comments, and comments from concerned members of the public. However, excavation has not been implemented to date. Most recently, the remedial excavation was scheduled to begin in August 2010 but was postponed apparently because funds were not available. Due to the long-term and repeated delays in proceeding with excavation, this fuel leak case is currently out of compliance with directives from this agency. In order to avoid the repeated delays over the past two years that have occurred in proceeding with excavation, we requested that permitting for the excavation be completed by November 30, 2010 with an excavation start date no later than May 31, 2011. The permitting

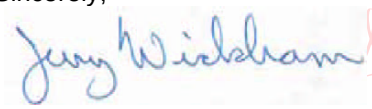
process is not complete and this case is out of compliance. You must complete the permitting process and undertake the proposed excavation as soon as possible.

3. Treatment Compound Operational
Requested Date: January 6, 2011
Actual Date: April 6, 2011

The treatment compound became operational on April 6, 2011.

This site remains out of compliance with directives from this agency. You are required to complete the permitting and undertake the proposed excavation as soon as possible. If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



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

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland,CA 94612-2032 2032 (Sent via E-mail to: lgriffin@oaklandnet.com)

Sunil Ramdass, State Water Resources Control Board, 1001 I Street, Sacramento, CA 94244 (Sent via E-mail to: Sramdass@waterboard.ca.gov)

George Converse, Western Geo-Engineers, 1386 Beamer Street, Woodland, CA 95776 (Sent via E-mail to: wege@cal.net)

Robert Gray, Glenview Neighborhood Association, 1970 Broadway, Suite 1200, Oakland, CA 94612 (Sent via E-mail to: r_gray40@sbcglobal.net)

Robert Roat, Glenview Neighborhood Association (Sent via E-mail to: broat@earthlink.net)

Michael Gabriel, Glenview Neighborhood Association, 4200 Park Boulevard, Box 111 Oakland, CA 94602

Derrick Williams, 4032 Brighton Avenue, Oakland, CA 94602

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH (*Sent via E-mail to: jerry.wickham@acgov.org*)

GeoTracker, eFile

Attachment 1

Responsible Party(ies) Legal Requirements / Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/).

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**REVISION DATE:** July 20, 2010
	ISSUE DATE: July 5, 2005
	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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

REQUIREMENTS

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

  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Submission Instructions

1) Obtain User Name and Password
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to deh.loptoxic@acgov.org
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
   b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to deh.loptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.