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FOURTH QUARTER 2006
GROUNDWATER SAMPLING REPORT
WITH LATERAL EXTENT GROUNDWATER PLUME INVESTIGATION DOWN GRADIENT OF RS09

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

FOR

DESERT PETROLEUM

February 9, 2007

BY

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February 9, 2007

Dear Mr. Thompson:

The following report documents the fourth quarter 2006 sampling at DP793, 4035 Park Blvd., Oakland, California. Also included in this report is the backyard investigation down gradient of well RS9 and the destruction of monitor wells MW1, RS2 and RS6.

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. 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 subgrade, 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 RS-1, RS-2, RS-5 and RS-6. Operated continuously for one week, then during daylight hours thereafter due to noise disturbance of 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 RS-1 (MW-1).
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 RS-8, RS-9 and RS-10.
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 RS-5 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 RS-5 and weekly purging of T1; 62,511 gallons removed from T1 and 78,919 gallons removed from RS-5 (total 141,430 gallons of gasoline contaminated groundwater treated and disposed to sewer).
March 21, 2002	Resumed pumping at RS-5.
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 RS-8.
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. Submited 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 RS-5.
September 28, 2004	Restarted pumping at RS-5. 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-excavated 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 MW1, RS2 and RS6. Conducted hand auger soil and groundwater sampling downgradient of RS9.
December 21, 2006	Performed 1/4ly well samplings.

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 RS5 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 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on December 21, 2006. Samples were analyzed for Total Petroluem Hydrocabons as gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, the fuel oxygenant Methyl tert-Butal Alcohol (MtBE) using EPA method 8260B, see Tables 1 and 3. Figure 3 shows the positions of the groundwater monitoring wells, the receptor trench and previous sample locations.

4.1 Depth to Water Measurements

On December 21, 2006 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 December 21, 2006.

5.0 RESULTS OF QUARTERLY GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4 shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on December 21, 2006, prior to purging the wells for sampling, see Table 1 and Appendix A. On February 15, 2001 a submersible pump was placed into onsite well RS-5 to try to capture contaminated groundwater beneath the site and adjoining properties. The pump rate was set at approximately 2 gpm. The pump was removed from RS-5 on July 19, 2001. After evaluation of the effects the pumping had on remediating the site the pump was placed back into RS-5 on March 21, 2002. Pumping from RS5 lowered the water levels in RS-6, RS-8, RS-10, R1 and R2, see Appendix B. Table 1 shows the groundwater elevations for the wells during the assessment of this site.

The current flow direction is to the northwest and west with a cone of influence created by the pumping of RS5 and influencing out to downgradient well RS8. The hydraulic gradient averages 0.09 feet/linear foot down gradient from excavation well R2 to the intercept trench well T1. The present flow direction and hydraulic gradient are consistent with previous determinations by WEGE. Another striking feature of the groundwater gradient is the steep slope that extends south of RS5 and RS 8 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 December 21, 2006 are shown in Table 1.

TPH-G concentrations in water samples from the eight monitor wells, the receptor trench well and two recovery wells ranged from 60000 ug/L at RS8, to below laboratory lower detection limits of 50 ug/L in wells RS10, R1, R2, R3 and LF1.

Benzene concentrations were found in seven wells; the pumping well RS5 contained 140 ug/L, trench well T1 contained 4600 ug/L, RS7 contained 100 ug/L and RS8 contained 1900 ug/L. Wells RS9, RS10, R1, R2, R3 and LF1 were below laboratory lower detection limits (0.5 ug/L), see Appendix C - Laboratory Report.

Analytical results for Fuel Oxygenant MtBE were below laboratory lower detection limits in wells RS8, RS10, R1, R2, R3 and LF1. Well RS5 contained 0.78 ug/L MtBE, well RS7 contained 1.1 ug/L MtBE, well RS9 contained 0.81 ug/L MtBE and well T1 contained 21 ug/L MtBE, see Table 3.

Figure 5 (December 21, 2006) shows the lateral distribution of the hydrocarbon plume with benzene distinction in groundwater. Also depicted on Figure 5 is the groundwater sample results from the November 27, 2006 backyard hand auger sampling downgradient of RS9. Four hand auger grab water samples were obtained and all were below laboratory lower detection limits for TPHg and Benzene. A sump sample was obtained from 3976 Greenwood Avenue and showed 180 ug/.L TPHg and 58 ug/L Toluene. The laboratory noted that 15% of the compounds included in the TPH as Gasoline concentration reported for sample 3976-Sump are compounds that they do not consider to be normal gasoline constituents. Since the toluene makes up approximately 32% of the TPHg and the addition of 15% other than gasoline compounds, approximately 47% of the compounds could be a toluene based solvent.

TPHg - Figure 5

Total Petroleum Hydrocarbons-gasoline range has a laboratory lower detection limit (LLDL) of 50 ug/L and was detected in wells RS5, RS7, RS8, RS9 and T1 ranging from a low of 85 ug/L at RS9 to a high of 60,000 ug/L at well RS8.

Benzene - Figure 5

Benzene has a LLDL of 0.5 ug/L. The recommended CPHG (California Public Health Goal) for Benzene is 1.5 ug/L. Benzene was detected in wells RS5, RS7, RS8 and T1 ranging from a low of 100 ug/L at RS7 to a high of 4600 ug/L at trench well T1.

Toluene

Toluene has a LLDL of 0.5 ug/L. The recommended CPHG for toluene is 150 ug/L. Toluene was detected in wells RS5, RS7, RS8, and T1, along with the sump sample from 3976 Greenwood Avenue, ranging from a low of 3.7 ug/L at well RS7 to a high of 2000 ug/L at well RS8.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. The recommended CPHG for Ethylbenzene is 300 ug/L. Ethylbenzene was detected in wells RS5, RS7, RS8 and T1, ranging from a low of 37 ug/L at well RS9 to a high of 1300 ug/L at well RS8.

Xylenes

Xylenes have a LLDL of 0.5 ug/L. The recommended CPHG for Xylenes is 1800 ug/L. Xylenes were detected in wells RS5, RS7, RS8 and T1, ranging from a low of 30 ug/L at well RS7 to a high of 5200 ug/L at well RS8, see Table 1 and Appendix C - Laboratory Report.

MtBE – Figure 6

MtBE has a LLDL of 0.5 ug/L. The recommended CPHG for MtBE is 13 ug/L. MtBE was detected in wells RS5, RS7, RS9 and T1, along with the hand auger boring at 3990/3992 Greenwood Avenue, ranging from a low of 0.78 ug/L at well RS5 to a high of 21ug/L at well T1, see Table 1 and Appendix C - Laboratory Report.

6.0 PURGING OF RECEPTOR TRENCH

Commencing on May 4, 2000, weekly pumping of the receptor trench has been performed for approximately 4 hours per week. During purging the depth to water within the trench is lowered an average of one foot. Immediately after purging ceases, the water level in the trench recovers to its original depth. Weekly purging of the receptor trench was suspended on July 19, 2001 at the request of Desert Petroleum. 62,511 gallons of contaminated groundwater had been removed from the trench, processed through two, in series, activated carbon water scrubs and discharged to the sanitary sewer. Due to the increase of gasoline range hydrocarbons in downgradient well RS9 sampled on November 5, 2002, the receptor trench was purged on December 12, 2002, removing 1,432 gallons during 5 hours of pumping. Periodic purging of the trench has occurred since that time. The last purging of the receptor (intercept) trench occurred on June 30, 2004. 93,211 gallons of groundwater have been pumped from the receptor trench and purged from the groundwater monitoring wells, see Table 2.

7.0 PUMPING ON-SITE WELL RS-5

On February 15, 2001 a submersible pump with a pump bypass was placed into RS-5. 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 RS-5 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 RS-5 and continued to discharge from RS-5 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 RS-5 and treated through carbon before being discharged to the sewer. Pumping from RS5 was resumed on March 21, 2002. As of December 28, 2006, 1,362,792 gallons of groundwater have been pumped from RS5 and treated through two, in series, water carbon units prior to being discharge to the sanitary sewer, see Table 2.

The pumping from RS-5 has lowered the groundwater at this well by at least 12feet, when compared to non pumping water measurements, see Chart - Appendix B. This creates a cone of influence out to offsite wells RS-8 and RS-10, see Figure 4

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 RS8, is residual from the November 1989 release and groundwater pumping at RS-5 is retrieving this residual product. Weekly bailing of the floating product commenced on November 20, 2002 and as of December 12, 2002, (the last noted detection of free phase product in RS8) 0.014 gallons of degraded gasoline have been removed and are 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 is now empty.

9.0 BRIGHTON AVENUE SEWER LATERAL STUDY

On November 27, 2006, Western Geo-Engineers supervised RSI Drilling in the hand auguring of four borings two to three feet below top of groundwater in the backyards of 3968, 3976, 3984 and 3990 Brighton Avenue. The hand auger borings were positioned near the underground route of the city sewer line. The purpose of the hand auguring was to obtain soil and groundwater samples to determine if any petroleum hydrocarbons (gasoline range) had migrated along the sewer line backfill, down gradient of monitor well RS9. Soil samples were obtained from just above groundwater and grab water samples were obtained from the borings prior to destruction. All soil samples were below laboratory lower detection limits for TPHg, BTEX and MtBE. All water samples were also below laboratory lower detection limits for TPHg, BTEX and MtBE with the exception of the water sample obtained from the boring in the backyard of 3990 Brighton Avenue which contained 4.5 ug/L MtBE and a grab water sample from the sump in the side yard of 3976 Brighton Avenue which contained TPHg at 180 ug/L and Toluene at 58 ug/L. The laboratory noted that the water sample obtained from the sump was not typical gasoline, and contained 15% non TPHg compounds. This indicates that the hydrocarbons found in the sump sample are most likely a toluene solvent.

10.0 SUMMARY

Pumping from RS-5 has created a cone of influence off-site downgradient out to RS-8 and RS-10. Pumping has increased the dissolved oxygen in RS-5 and hydrocarbon concentrations have declined in R1, R2, R3, RS7, RS8, RS9, RS-10 and the Receptor Trench (T1).

The lowest hydrocarbon concentrations were observed May 31, 2001 while the weekly pumping of the trench well and the continuous pumping of RS5 were occurring,. The most recent sampling,

June 21, 2006 shows continued decrease in hydrocarbons to levels lower than the May 31, 2001 sample results at wells RS5, RS7, RS9, RS10, R1, R2 and T1 see 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 exist 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. 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. Pumping of RS5 produces approximately 700 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) 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, continue existing groundwater extraction from well RS5 and to conduct continuous groundwater extraction from the intercept trench. Thes 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 had been approved. The destruction of on-site monitoring wells MW1, RS2 and RS6 was completed in November 2006 along with the soil and groundwater sampling downgradient of monitor wells RS9. Bids received for connecting the intercept trench and construction of a permanent groundwater treatment facility along with the over-excavation of contaminated soils were too high. A new bid request package is being developed and submitted to qualified contractors.

11.0 RECOMMENDATIONS

With a new property owner intending to build residential buildings on 4035 Park Blvd., the following recommendations are made by Western Geo-Engineers:

- Proceed with obtaining reasonable bids to over-excavate the contaminated soils and to connect the intercept trench to a groundwater treatment compound.

12.0 TIME FRAME

March 2007 — 1st Quarter Well Monitoring.

13.0 LIMITATIONS

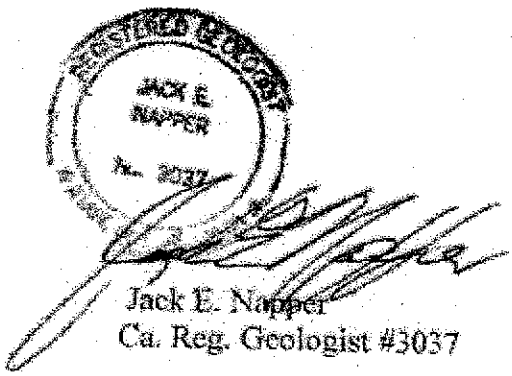
This report is based upon the following:

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. Western Geo-Engineers is a corporation under California Registered Geologist #3037 and/or Contractors License #513857. 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,

George Converse
Geologist



Jack E. Napper
Ca. Reg. Geologist #3037

cc: Mr. Jerry Wickham, Alameda County Health (510) 567-6791
Mr. Leroy Griffin, Oakland Fire Dept.
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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	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-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									
MW-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	****

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)	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)
MW-01	11/27/2006	well destroyed, Alameda County Public Works Permit #W2006-0971								

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)	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-02	12/14/1989	227.39									
RS-02	6/19/1994	227.39	10.89	216.50							
RS-02	3/12/1995	227.39	5.26	222.13	ND	ND	ND	ND	ND		
RS-02	10/4/1995	227.39	15.05	212.34	ND	ND	ND	ND	ND		
RS-02	12/21/95	227.39	9.95	217.44	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
RS-02	03/27/96	227.39	6.28	221.11	< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
RS-02	06/11/96	227.39	8.00	219.39	< 50	1.2	2.8	< 0.5	< 2	< 50	
RS-02	09/04/96	227.39	9.89	217.50	< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	
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									

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L) (1.5)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
RS-05	12/14/1989	227.61	25.97	201.64		57000	3100	4300	670	3400		
RS-05	2/91	227.61	FLOATING PRODUCT									
RS-05	6/91	227.61	FLOATING PRODUCT									
RS-05	9/91	227.61	FLOATING PRODUCT									
RS-05	12/91	227.61	FLOATING PRODUCT									
RS-05	11/9/1992	227.61	20.73	206.88		50000	650	4800	1100	15000		
RS-05	4/7/1994	227.61	18.16	209.45		27000	5000	8700	550	2800		
RS-05	6/19/1994	227.61	18.11	209.5		20000	2100	5300	470	2500		
RS-05	9/17/1994	227.61	19.63	207.98		9300	230	340	110	700		
RS-05	3/12/1995	227.61	14.54	213.07		93000	6400	2000	19000	10000		
RS-05	10/4/1995	227.61	17.53	210.08		16000	420	2100	320	1800		
RS-05	12/21/95	227.61	17.47	210.14		48000	3500	9200	840	4800	56	
RS-05	03/27/96	227.61	13.51	214.1		68000	4900	18000	1700	11000	< 3000	
RS-05	06/11/96	227.61	14.25	213.36		66000	6300	20000	2100	12000	< 3000	
RS-05	09/04/96	227.61	16.50	211.11		31000	2100	11000	1100	6800	400	
RS-05	12/11/96	227.61	15.88	211.73		85000	7000	21000	1800	8900	570	
RS-05	2/21/97	227.61	13.76	213.85	she	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		5000	370	130	70	550	2.4	****
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	****

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)	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)					(UG/L)	(UG/L) (1.5)	(UG/L) (150)	(UG/L) (300)	(UG/L) (1800)	(UG/L) (13)	
RS-06	12/14/1989	227.22	22.52	204.7	11000	1400	1700	160	860		
RS-06	2/91	227.22	FLOATING PRODUCT								
RS-06	6/91	227.22			95000	4200	4200	650	3700		
RS-06	9/91	227.22	FLOATING PRODUCT								
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	<50	<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									

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
(CALIFORNIA PUBLIC HEALTH GOAL)					(UG/L)	(UG/L) (1.5)	(UG/L) (150)	(UG/L) (300)	(UG/L) (1800)	(UG/L) (13)	
RS-07	12/14/1989	195.99									
RS-07	7/90	195.99			5600000	24000	210000	50000	740000		
RS-07	2/91	195.99	FLOATING PRODUCT								
RS-07	6/91	195.99	FLOATING PRODUCT								
RS-07	9/91	195.99	FLOATING PRODUCT								
RS-07	12/91	195.99			270000	11000	22000	2000	13000		
RS-07	11/9/1992	195.99	4.62	191.37	81000	12000	16000	1900	13000		
RS-07	4/7/1994	195.99	4.03	191.96	74000	16000	16000	1400	8500		
RS-07	6/19/1994	195.99	4.07	191.92	83000	22000	19000	1500	9500		
RS-07	9/17/1994	195.99	4.05	191.94	270000	13000	15000	2100	1100		
RS-07	3/12/1995	195.99	3.72	192.27	35000	5100	560	6300	3600		
RS-07	10/4/1995	195.99	4.03	191.96	96000	14000	14000	1300	7000		
RS-07	12/21/95	195.99	3.95	192.04	70000	9300	12000	860	5600	210	
RS-07	03/27/96	195.99	3.80	192.19	64000	8900	14000	1100	8300	< 3000	
RS-07	06/11/96	195.99	3.79	192.2	65000	12000	17000	1600	9700	<5000	
RS-07	09/04/96	195.99	3.99	192	20000	4900	2100	670	4400	100	
RS-07	12/11/96	195.99	3.78	192.21	17000	4400	7500	570	4600	180	
RS-07	2/21/97	195.99	3.82	192.17	93000	31000	47000	3800	23000	<0.5	*
RS-07	5/28/97	195.99	3.82	192.17	52000	12000	8200	2000	11000	<0.5	*
RS-07	9/2/1997	195.99	3.96	192.03	28000	6100	2800	950	3800	<50	
RS-07	11/24/1997	195.99	3.76	192.23	18000	4300	5900	600	2900	<0.5	*
RS-07	2/25/1998	195.99	3.70	192.29	13000	4300	7100	1100	5800	<0.5	*
RS-07	7/8/1998	195.99	3.76	192.23	45000	10000	3400	2000	8000	<10	*
RS-07	7/30/1998	195.99			72000	12000	2100	2000	9100		
RS-07	9/16/1998	195.99	3.83	192.16	5000	6500	160	<2.5	500	<5	*
RS-07	11/24/1998	195.99	3.77	192.22	19000	2100	1100	500	2100	<0.5	
RS-07	2/23/1999	195.99	3.70	192.29	83000	6500	9900	1200	7000	<10	
RS-07	5/5/1999	195.99	3.88	192.11	47000	7400	4800	1300	7400	540	
RS-07	8/26/1999	195.99	4.16	191.83	15000	3400	91	950	970	<5	
RS-07	11/10/1999	195.99	4.12	191.87	10000	2900	170	630	1200	<0.5	
RS-07	2/9/2000	195.99	3.98	192.01	9400	1400	120	480	600	<0.5	
RS-07	6/30/2000	195.99	4.04	191.95	8200	3300	190	430	540	<0.5	
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	1400	170	10	30	49	1.5	****
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	****

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)	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	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	3700	<10	****
RS-08	8/6/2002	214.67	13.46	201.21		0.04	feet floating product				
RS-08	11/5/2002	214.67	13.96	200.71		0.40	feet floating product				
RS-08	12/12/2002	214.67	14.38	200.29		0.08	feet floating product				
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	<50	<0.5	<0.5	<0.5	<0.5	<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	****

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)	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)					(UG/L)	(UG/L) (1.5)	(UG/L) (150)	(UG/L) (300)	(UG/L) (1800)	(UG/L) (13)	
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	360	11	0.72	3.6	2.5	7.1	****
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	****

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)	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)					(UG/L)	(UG/L) (1.5)	(UG/L) (150)	(UG/L) (300)	(UG/L) (1800)	(UG/L) (13)	
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	<50	<0.5	<0.5	<0.5	<0.5	<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	****

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)	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	3.1	<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	****

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)	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)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)									
R2	12/14/1989										
R2	09/04/96	230.68	13.44	217.24	14000	7600	<10	170	190	<100	
R2	12/11/96	230.68	12.42	218.26	488	300	1	< 0.5	30	16	
R2	2/21/97	230.68	10.50	220.18	5700	2100	5	2	10	3	*
R2	5/28/97	230.68	13.10	217.58	36000	14000	63	260	220	<0.5	*
R2	9/2/1997	230.68	14.16	216.52	30000	12000	330	1000	790	47	
R2	11/24/1997	230.68	14.71	215.97	41000	15000	830	1500	4200	<0.5	*
R2	2/25/1998	230.68	7.39	223.29	800	400	<0.5	<0.5	15	<0.5	*
R2	7/8/1998	230.68	11.27	219.41	290	31	< 0.5	1	< 1	2	*
R2	9/16/1998	230.68	13.73	216.95	6600	11000	24	<0.5	35	<1	*
R2	11/24/1998	230.68	11.67	219.01	6100	<0.5	36	<0.5	21	<0.5	
R2	2/23/1999	230.68	7.55	223.13	1100	310	3	2	26	<0.5	
R2	5/5/1999	230.68	10.89	219.79	11000	5300	7	36	7	8	
R2	8/26/1999	227.28	13.14	214.14	6700	940	33	190	240	<1	*
R2	11/10/1999	227.28	14.42	212.86	5100	2600	160	1800	8100	<0.5	*
R2	2/9/2000	227.28	12.45	214.83	4700	1400	110	130	340	<0.5	
R2	6/30/2000	227.28	12.94	214.34	7100	3200	110	300	480	<0.5	
R2	8/8/2000	227.28	13.58	213.7	30000	13000	250	1000	2700	<0.5	
R2	11/16/2000	227.28	14.33	212.95	44000	17000	230	790	3600	<0.5	
R2	3/8/2001	227.28	11.15	216.13	2300	640	8.6	61	170	<2	****
R2	5/31/2001	227.28	13.38	213.9	2200	580	12	72	100	<25	****
R2	12/18/2001	227.28	12.35	214.93	4900	2000	120	44	280	<5	****
R2	2/19/2002	227.28	11.32	215.96	2100	1200	<5	14	<5	<5	****
R2	5/7/2002	227.28	13.15	214.13	2500	660	7.5	170	26	<2.5	****
R2	8/6/2002	227.28	14.51	212.77	6300	1800	150	220	340	<5	****
R2	11/5/2002	227.28	15.46	211.82	11000	3000	140	57	620	<20	****
R2	12/12/2002	227.28	15.70	211.58							
R2	3/13/2003	227.28	12.96	214.32	580	200	1.2	5.4	3.8	<1	****
R2	5/6/2003	227.28	11.14	216.14	70	25	<0.5	<0.5	1.3	<0.5	****
R2	8/13/2003	227.28	14.01	213.27	1800	340	8	49	12	<2	****
R2	11/20/2003	227.28	15.35	211.93	8000	1400	46	57	490	<5	****
R2	1/22/2004	227.28	12.10	215.18							
R2	3/30/2004	227.28	11.48	215.8	<50	3	<0.5	<0.5	<0.5	<0.5	****
R2	6/10/2004	227.28	13.95	213.33	77	7.7	<0.5	<0.5	<0.5	<0.5	****
R2	9/28/2004	227.28	14.80	212.48	500	120	2	25	2.7	0.71	****
R2	12/8/2004	227.28	12.25	215.03	100	8.5	<0.5	<0.5	5	<0.5	****
R2	3/23/2005	227.28	7.82	219.46	57	8.4	<0.5	<0.5	<0.5	<0.5	****
R2	6/1/2005	227.28	12.14	215.14	85	5.2	<0.5	<0.5	<0.5	<0.5	****
R2	9/21/2005	227.28	13.97	213.31	900	120	1.3	2.5	4.8	<0.5	****
R2	12/7/2005	227.28	14.51	212.77	150	8.4	<0.5	<0.5	0.5	<0.5	****
R2	3/28/2006	227.28	7.30	219.98	<50	7.7	<0.5	<0.5	<0.5	<0.5	****
R2	6/21/2006	227.28	11.90	215.38	<50	7.7	<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	****

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	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)	
R3	12/14/1989										
R3	09/04/96	230.32	9.90	220.42	<50	<0.5	<0.5	<0.5	<2	<5	
R3	12/11/96	230.32	8.18	222.14	<50	<0.5	<0.5	<0.5	<1	5	
R3	2/21/97	230.32	6.76	223.56	340	35	59	8	54	<0.5	*
R3	5/28/97	230.32	9.98	220.34	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	9/2/1997	230.32	10.86	219.46	<50	4	<0.5	<0.5	<1	<0.5	*
R3	11/24/1997	230.32	11.20	219.12	not enough water to sample. No sample						
R3	2/25/1998	230.32	3.42	226.9	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	7/8/1998	230.32	8.78	221.54	140	<0.5	<0.5	4	24	<1	*
R3	9/16/1998	230.32	10.38	219.94	<50	<0.5	<0.5	<0.5	<1	<1	*
R3	11/24/1998	230.32	11.12	219.2	not enough water to sample. No sample						
R3	2/23/1999	230.32	3.95	226.37	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	5/5/1999	230.32	7.58	222.74	80	9	<0.5	<0.5	<1	6	
R3	8/26/1999	227.25	10.76	216.49	<50	2	<0.5	<0.5	<1	1	*
R3	11/10/1999	227.25	11.09	216.16	140	3	4	1	11	<0.5	
R3	2/9/2000	227.25	8.76	218.49	<50	2	<0.5	<0.5	<1	<0.5	
R3	6/30/2000	227.25	9.67	217.58	<50	0.7	<0.5	1	1	<0.5	
R3	8/8/2000	227.25	10.44	216.81	72	<0.5	<0.5	<0.5	<1	<0.5	
R3	11/16/2000	227.25	10.26	216.99	110	4	1	<0.5	3	<0.5	
R3	3/8/2001	227.25	6.54	220.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/31/2001	227.25	10.01	217.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/18/2001	227.25	6.79	220.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	2/19/2002	227.25	7.86	219.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/7/2002	227.25	9.20	218.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/6/2002	227.25	10.62	216.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	11/5/2002	227.25	11.07	216.18	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/12/2002	227.25	11.28	215.97							
R3	3/13/2003	227.25	8.69	218.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/2003	227.25	8.02	219.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/2003	227.25	dry		DRY						
R3	11/20/2003	227.25	dry		DRY						
R3	1/22/2004	227.25	7.30	219.95							
R3	3/30/2004	227.25	7.85	219.4	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/10/2004	227.25	10.30	216.95	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/28/2004	227.25	dry		DRY						
R3	12/8/2004	227.25	9.00	218.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/23/2005	227.25	4.90	222.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/1/2005	227.25	8.60	218.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/21/2005	227.25	10.80	216.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/7/2005	227.25	11.12	216.13	no sample water in shoe of casing, not representative						
R3	3/28/2006	227.25	3.72	223.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/21/2006	227.25	8.82	218.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/13/2006	227.25	10.52	216.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/21/2006	227.25	9.97	217.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	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	12/14/1989										
T 1	09/04/96										
T 1	12/11/96										
T 1	2/21/97										
T 1	5/28/97										
T 1	9/2/1997										
T 1	11/24/1997										
T 1	2/25/1998										
T 1	7/8/1998										
T 1	9/16/1998										
T 1	11/24/1998										
T 1	2/23/1999										
T 1	5/5/1999										
T 1	8/26/1999	195.11	2.44	192.67	40000	7200	5000	950	8100	53	*
T 1	11/10/1999	195.11	2.23	192.88	46000	5600	3600	910	6500	<0.5	
T 1	2/9/2000	195.11	2.22	192.89	35000	2900	5700	720	6600	<0.5	
T 1	6/30/2000	195.11	2.22	192.89	30000	3400	3200	950	4600	<5	
T 1	8/8/2000	195.11	2.73	192.38	8900	1600	760	260	870	<5	
T 1	11/16/2000	195.11	2.72	192.39	4000	1300	92	80	290	<0.5	
T 1	3/8/2001	195.11	2.12	192.99	25000	4400	3400	770	3200	26	****
T 1	5/31/2001	195.11	2.30	192.81	8900	940	210	340	1500	<50	****
T 1	12/18/2001	195.11	2.20	192.91	48000	3700	5500	1200	5300	24	****
T 1	2/19/2002	195.11	1.96	193.15	64000	8600	6000	1700	6800	55	****
T 1	5/7/2002	195.11	2.22	192.89	41000	9200	910	2000	6200	62	****
T 1	8/6/2002	195.11	2.32	192.79	28000	5500	240	1300	2600	32	****
T 1	11/5/2002	195.11	2.52	192.59	11000	3000	65	660	610	18	****
T 1	12/12/2002	195.11	2.55	192.56							
T 1	3/13/2003	195.11	2.23	192.88	930	150	17	23	60	2.6	****
T 1	5/6/2003	195.11	2.37	192.74	6800	1000	230	310	820	10	****
T 1	8/13/2003	195.11	2.41	192.7	9600	1500	110	440	910	10	****
T 1	11/20/2003	195.11	2.50	192.61	10000	1800	120	520	510	11	****
T 1	1/22/2004	195.11									
T 1	3/30/2004	195.11			15000	1800	660	610	2000	8.6	****
T 1	6/10/2004	195.11	2.40	192.71	5500	570	2	240	130	2.7	****
T 1	9/28/2004	195.11	2.52	192.59	8700	2600	100	450	15	15	****
T 1	12/8/2004	195.11	1.96	193.15	2900	820	32	14	47	6.9	****
T 1	3/23/2005	195.11	car		2800	220	3	120	76	1.7	****
T 1	6/1/2005	195.11	2.25	192.86	46000	14000	650	1900	2900	54	****
T 1	9/21/2005	195.11	2.42	192.69	17000	4500	81	620	200	28	****
T 1	12/7/2005	195.11	2.26	192.85	18000	4000	480	780	1100	25	****
T 1	3/28/2006	195.11	car		27000	4400	1600	890	2700	20	****
T 1	6/21/2006	195.11	2.48	192.63	27000	4400	1600	890	2700	20	****
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	****

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)	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)	
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						
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 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						
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						
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	****

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.

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)	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)

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 PURGED	METER READING IN GALLONS RS5	METER READING IN GALLONS TRENCH	DEPTH TO TOP OF WATER IN FEET T1	GALLONS PURGED T1 and/or 1/4ly samples	ACCUMULATED GALLONS REMOVED FROM TRENCH &WELLS in GALLONS	Accumulated gallons removed from RS5 Gallons	TOTAL GALLONS REMOVED	INFLUENT CONCENTRATIONS EPA METHOD 8020 - 8260B TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location
					0									
12/30/2004	1841818.0	1841818.0		0	92009	655963.4	747972.2							
1/14/2005	1854930.0	1855778.0		848	92857	669075.4	761932.2							
2/15/2005	1872001.8	1872001.8		0	92857	685299.2	778156.0							
3/23/2005	1903025.7	1903025.7		0	92857	716323.1	809179.9	7400	890	280	180	940	5.1	RS5
4/13/2005	1915573.7	1915573.7		0	92857	728871.1	821727.9							
5/12/2005	1941964.2	1941964.2		0	92857	755261.6	848118.4							
6/7/2005	1962946.5	1962946.5		0	92857	776243.9	869100.7	3500	380	85	59	360	3	RS5
7/19/2005	1997247.2	1997247.2		0	92857	810544.6	903401.4							
8/17/2005	2018578.5	2018578.5		0	92857	831875.9	924732.7							
9/21/2005	2027697.0	2027897.0		200	93057	840994.4	934051.2	790	34	4.7	0.89	99	<0.5	RS5
10/20/2005	2036442.0	2036442.0		0	93057	849539.4	942596.2							
11/30/2005	2059176.2	2059176.2		0	93057	872273.6	965330.4							
12/26/2005	2076346.0	2076346.0		0	93057	889443.4	982500.2	2200	65	30	24	200	1.3	RS5
1/26/2006	2101556.0	2101556.0		0	93057	914653.4	1007710.2							
2/28/2006	2128986.0	2128986.0		0	93057	942083.4	1035140.2							
3/22/2006	2145170.0	2145170.0		0	93057	958267.4	1051324.2	5000	370	130	70	550	2.4	RS5
4/26/2006	2165192.0	2165192.0		0	93057	978289.4	1071346.2							
5/25/2006	2174462.0	2174462.0		0	93057	987559.4	1080616.2							
6/21/2006	2182331.0	2182485.0		154	93211	995428.4	1088639.2	990	42	6.5	2.4	110	<0.5	RS5
7/28/2006	2193149.0	2193149.0		0	93211	1006092.4	1099303.2							
8/24/2006	2198715.0	2198715.0		0	93211	1011658.4	1104869.2							
9/7/2006	2198734.0	2198734.0		0	93211	1011677.4	1104888.2	installed new pump & motor.						
10/6/2006	2205746.5	2205746.5		0	93211	1018689.9	1111900.7							
10/19/2006	2205756.5	2205756.5		0	93211	1018699.9	1111910.7	install new water totalizing meter						
11/17/2006	2216741.5	2216741.5		0	93211	1029684.9	1122895.7	remove #1 water carbn unit, place #2 into #1 postion and new carbon into #2 position						
12/28/2006	2549848.5	2549848.5		0	93211	1362791.9	1456002.7	4800	140	120	130	440	0.78	RS5

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

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

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

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
MW-1	12/21/95	< 0.5							
MW-1	03/27/96	< 50							
MW-1	06/11/96	< 50							
MW-1	09/04/96	< 5							
MW-1	12/11/96	< 0.5							
MW-1	2/21/97	< 0.5							
MW-1	5/28/97	< 0.5							
MW-1	9/2/1997	< 0.5							
MW-1	11/24/1997	< 0.5							
MW-1	2/25/1998	< 0.5							
MW-1	7/8/1998	< 1	<5	<5	< 1	<5			<500
MW-1	9/16/1998	< 1							
MW-1	11/24/1998	11							
MW-1	2/23/1999	< 0.5							
MW-1	5/5/1999	8							
MW-1	8/26/1999	<1							
MW-1	11/10/1999	<0.5							
MW-1	2/9/2000	0.5							
MW-1	6/30/2000	< 0.5							
MW-1	8/8/2000	< 0.5							
MW-1	11/16/2000	< 0.5							
MW-1	3/8/2001	< 0.5							
MW-1	5/31/2001	< 0.5							
MW-1	12/18/2001	< 0.5							
MW-1	2/19/2002	< 0.5							
MW-1	5/7/2002	< 0.5							
MW-1	8/6/2002	< 0.5							
MW-1	11/5/2002	< 0.5							
MW-1	12/12/2002								
MW-1	3/13/2003	< 0.5							
MW-1	5/6/2003	< 0.5							
MW-1	8/13/2003	< 0.5							
MW-1	11/20/2003	< 0.5	< 0.5	< 0.5	< 0.5	<5			
MW-1	1/22/2004								
MW-1	3/30/2004	< 0.5							
MW-1	6/10/2004	< 0.5							
MW-1	9/28/2004	< 0.5							
MW-1	12/8/2004	< 0.5							
MW-1	3/23/2005	< 0.5							
MW-1	6/1/2005	< 0.5							
MW-1	9/21/2005	< 0.5							
MW-1	12/7/2005	< 0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
MW-1	3/28/2006	< 0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
MW-1	6/21/2006	< 0.5							
MW-1	9/13/2006	< 0.5							
MW-1	11/27/2006	well destroyed, Alameda County Public Works Permit # W2006-0971							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-2	12/21/95	< 0.5							
RS-2	03/27/96	< 50							
RS-2	06/11/96	< 50							
RS-2	09/04/96	< 5							
RS-2	12/11/96	6							
RS-2	2/21/97	< 0.5							
RS-2	5/28/97	< 0.5							
RS-2	9/2/1997	< 0.5							
RS-2	11/24/1997	< 0.5							
RS-2	2/25/1998	< 0.5							
RS-2	7/8/1998	< 1	<5	<5	< 1	<5			<500
RS-2	9/16/1998	< 1							
RS-2	11/24/1998	15							
RS-2	2/23/1999	< 0.5							
RS-2	5/5/1999	6							
RS-2	8/26/1999	9							
RS-2	11/10/1999	<0.5							
RS-2	2/9/2000	<0.5							
RS-2	6/30/2000	<0.5							
RS-2	8/8/2000	<0.5							
RS-2	11/16/2000	<0.5							
RS-2	3/8/2001	<0.5							
RS-2	5/31/2001	<0.5							
RS-2	12/18/2001	<0.5							
RS-2	2/19/2002	<0.5							
RS-2	5/7/2002	<0.5							
RS-2	8/6/2002	<0.5							
RS-2	11/5/2002	<0.5							
RS-2	12/12/2002								
RS-2	3/13/2003	<0.5							
RS-2	5/6/2003	<0.5							
RS-2	8/13/2003	<0.5							
RS-2	11/20/2003	<0.5	< 0.5	< 0.5	< 0.5	<5			
RS-2	1/22/2004								
RS-2	3/30/2004	<0.5							
RS-2	6/10/2004	<0.5							
RS-2	9/28/2004	<0.5							
RS-2	12/8/2004	<0.5							
RS-2	3/23/2005	<0.5							
RS-2	6/1/2005	<0.5							
RS-2	9/21/2005	<0.5							
RS-2	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-2	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-2	6/21/2006	<0.5							
RS-2	9/13/2006	<0.5							
RS-2	11/27/2006	well destroyed, Alameda County Public Works Permit # W2006-0971							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED		EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-5	12/21/95		56							
RS-5	03/27/96		< 3000							
RS-5	06/11/96		< 3000							
RS-5	09/04/96		400							
RS-5	12/11/96		570							
RS-5	2/21/97	she	<0.5							
RS-5	5/28/97		<0.5							
RS-5	9/2/1997		<0.5							
RS-5	11/24/1997		<0.5							
RS-5	2/25/1998		<0.5							
RS-5	7/8/1998		<10	<50	<50	< 10	<50			<5000
RS-5	9/16/1998		<5							
RS-5	11/24/1998		<10							
RS-5	2/23/1999		<25							
RS-5	5/5/1999		540							
RS-5	8/26/1999		<1							
RS-5	11/10/1999		<0.5							
RS-5	2/9/2000		<0.5							
RS-5	6/30/2000		<2.5							
~~RS-5~~	~~8/8/2000~~		~~<0.5~~							
RS-5	11/16/2000		<0.5							
RS-5	3/8/2001		2.6							
RS-5	5/31/2001		<5							
RS-5	12/18/2001		<5							
RS-5	2/19/2002		<5							
RS-5	5/7/2002		5.2							
RS-5	8/6/2002		<0.5							
RS-5	11/5/2002		<2							
RS-5	12/12/2002									
RS-5	3/13/2003		1.4							
RS-5	5/6/2003									
RS-5	8/13/2003		<0.5							
RS-5	11/20/2003		0.72	< 0.5	< 0.5	< 0.5	<5			
RS-5	1/22/2004									
RS-5	3/30/2004		2.6							
RS-5	6/10/2004		1.3							
RS-5	9/28/2004		<0.5							
RS-5	12/8/2004		<0.5							
RS-5	3/23/2005		5.1							
RS-5	6/1/2005		3							
RS-5	9/21/2005		<0.5							
RS-5	12/7/2005		1.3	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-5	3/28/2006		2.4	< 0.5	< 0.5	< 0.5	7.3	< 0.5	< 0.5	
RS-5	6/21/2006		<0.5							
RS-5	9/13/2006		0.85							
RS-5	12/21/2006		0.78							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-6	12/21/95	58							
RS-6	03/27/96	< 300							
RS-6	06/11/96	<1000							
RS-6	09/04/96	14							
RS-6	12/11/96	< 0.5							
RS-6	2/21/97	< 0.5							
RS-6	5/28/97	< 0.5							
RS-6	9/2/1997	< 0.5							
RS-6	11/24/1997	< 0.5							
RS-6	2/25/1998	< 0.5							
RS-6	7/8/1998	<10	<50	<50	< 10	<50			<5000
RS-6	7/30/1998								
RS-6	9/16/1998	<1							
RS-6	11/24/1998	<0.5							
RS-6	2/23/1999	<0.5							
RS-6	5/5/1999	2							
RS-6	8/26/1999	<5							
RS-6	11/10/1999	< 0.5							
RS-6	2/9/2000	< 0.5							
RS-6	6/30/2000	< 0.5							
RS-6	8/8/2000	< 0.5							
RS-6	11/16/2000	< 0.5							
RS-6	3/8/2001	<0.5							
RS-6	5/31/2001	<5							
RS-6	12/18/2001	<0.5							
RS-6	2/19/2002	<0.5							
RS-6	5/7/2002	<0.5							
RS-6	8/6/2002	3							
RS-6	11/5/2002	<0.5							
RS-6	12/12/2002								
RS-6	3/13/2003	<0.5							
RS-6	5/6/2003	<0.5							
RS-6	8/13/2003	<0.5							
RS-6	11/20/2003	<0.5	< 0.5	< 0.5	< 0.5	<5			
RS-6	1/22/2004								
RS-6	3/30/2004	<0.5							
RS-6	6/10/2004	<0.5							
RS-6	9/28/2004	<0.5							
RS-6	12/8/2004	<0.5							
RS-6	3/23/2005	<0.5							
RS-6	6/1/2005	<0.5							
RS-6	9/21/2005	<0.5							
RS-6	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-6	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-6	6/21/2006	<0.5							
RS-6	9/13/2006	<0.5							
RS-6	11/27/2006	well destroyed, Alameda County Public Works Permit # W2006-0971							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-7	12/21/95	210							
RS-7	03/27/96	< 3000							
RS-7	06/11/96	<5000							
RS-7	09/04/96	100							
RS-7	12/11/96	180							
RS-7	2/21/97	<0.5							
RS-7	5/28/97	<0.5							
RS-7	9/2/1997	<50							
RS-7	11/24/1997	<0.5							
RS-7	2/25/1998	<0.5							
RS-7	7/8/1998	<10	<50	<50	< 10	<50			<5000
RS-7	7/30/1998								
RS-7	9/16/1998	<5							
RS-7	11/24/1998	<0.5							
RS-7	2/23/1999	<10							
RS-7	5/5/1999	540							
RS-7	8/26/1999	<5							
RS-7	11/10/1999	<0.5							
RS-7	2/9/2000	<0.5							
RS-7	6/30/2000	<0.5							
RS-7	8/8/2000	<0.5							
RS-7	11/16/2000	<0.5							
RS-7	3/8/2001	17							
RS-7	5/31/2001	<100							
RS-7	12/18/2001	2.3							
RS-7	2/19/2002	11							
RS-7	5/7/2002	6.6							
RS-7	8/6/2002	<10							
RS-7	11/5/2002	<10							
RS-7	12/12/2002								
RS-7	3/13/2003	6.1							
RS-7	5/6/2003	4.7							
RS-7	8/13/2003	6.1							
RS-7	11/20/2003	<5	<5	<5	<5	<50			
RS-7	1/22/2004								
RS-7	3/30/2004	3.4							
RS-7	6/10/2004	2.8							
RS-7	9/28/2004	2.8							
RS-7	12/8/2004	0.56							
RS-7	3/23/2005	2.4							
RS-7	6/1/2005	3.7							
RS-7	9/21/2005	3.6							
RS-7	12/7/2005	1.2	< 0.5	< 0.5	< 0.5	7.7	< 0.5	< 0.5	
RS-7	3/28/2006	1.5	< 0.5	< 0.5	< 0.5	6.2	< 0.5	< 0.5	
RS-7	6/21/2006	5.2							
RS-7	9/13/2006	6							
RS-7	12/21/2006	1.1							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-8	8/26/1999	<5							
RS-8	11/10/1999	<0.5							
RS-8	2/9/2000	<0.5							
RS-8	6/30/2000	<0.5							
RS-8	8/8/2000	<0.5							
RS-8	11/16/2000	<20							
RS-8	3/8/2001	<2							
RS-8	5/31/2001	<5							
RS-8	12/18/2001	<0.5							
RS-8	2/19/2002	<0.5							
RS-8	5/7/2002	<10							
RS-8	8/6/2002								
RS-8	11/5/2002								
RS-8	12/12/2002								
RS-8	3/13/2003	<50							
RS-8	5/6/2003	<0.5							
RS-8	8/13/2003	<50							
RS-8	11/21/2003	<25	<25	<25	<25	<250			
RS-8	1/22/2004								
RS-8	3/30/2004	<5							
RS-8	6/10/2004	<5							
RS-8	9/28/2004	<1							
RS-8	12/8/2004	<0.5							
RS-8	3/23/2005	<0.5							
RS-8	6/1/2005	<0.5							
RS-8	9/21/2005								
RS-8	12/7/2005	<5	<5	<5	<5	31	<5	<5	
RS-8	3/28/2006	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	
RS-8	6/21/2006	<2.5							
RS-8	9/13/2006	<2.5							
RS-8	12/21/2006	<7							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-9	8/26/1999	180							
RS-9	11/10/1999	<0.5							
RS-9	2/9/2000	<0.5							
RS-9	6/30/2000	<0.5							
RS-9	8/8/2000	<0.5							
RS-9	11/16/2000	<0.5							
RS-9	3/8/2001	<0.5							
RS-9	5/31/2001	5.5							
RS-9	12/18/2001	<0.5							
RS-9	2/19/2002	<0.5							
RS-9	5/7/2002	0.67							
RS-9	8/6/2002	3.1							
RS-9	11/5/2002	8.6							
RS-9	12/12/2002								
RS-9	3/13/2003	3.3							
RS-9	5/6/2003	5.5							
RS-9	8/13/2003	3.6							
RS-9	11/20/2003	30	<0.5	<0.5	<0.5	46			
RS-9	1/22/2004								
RS-9	3/30/2004	21							
RS-9	6/10/2004	8.7							
RS-9	9/28/2004	31							
RS-9	12/8/2004	<0.5							
RS-9	3/23/2005	3.6							
RS-9	6/1/2005	12							
RS-9	9/21/2005	1.8							
RS-9	12/7/2005	1.2	<0.5	<0.5	<0.5	8.8	<0.5	<0.5	
RS-9	3/28/2006	7.1	<0.5	<0.5	<0.5	13	<0.5	<0.5	
RS-9	6/21/2006	7.4							
RS-9	9/13/2006	2.9							
RS-9	12/21/2006	0.81							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
RS-10	8/26/1999	32							
RS-10	11/10/1999	<0.5							
RS-10	2/9/2000	<0.5							
RS-10	6/30/2000	<0.5							
RS-10	8/8/2000	<0.5							
RS-10	11/16/2000	<0.5							
RS-10	3/8/2001	<0.5							
RS-10	5/31/2001	<5							
RS-10	12/18/2001	<0.5							
RS-10	2/19/2002	<0.5							
RS-10	5/7/2002	<0.5							
RS-10	8/6/2002	<0.5							
RS-10	11/5/2002	<0.5							
RS-10	12/12/2002								
RS-10	3/13/2003	<0.5							
RS-10	5/6/2003	<0.5							
RS-10	8/13/2003	<0.5							
RS-10	11/20/2003	<0.5	< 0.5	< 0.5	< 0.5	<5			
RS-10	1/22/2004								
RS-10	3/30/2004	<0.5							
RS-10	6/10/2004	<0.5							
RS-10	9/28/2004	<0.5							
RS-10	12/8/2004	<0.5							
RS-10	3/23/2005	<0.5							
RS-10	6/1/2005	<0.5							
RS-10	9/21/2005	<0.5							
RS-10	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-10	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
RS-10	6/21/2006	<0.5							
RS-10	9/13/2006	<0.5							
RS-10	12/21/2006	<0.5							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
R1	09/04/96	< 30							
R1	12/11/96	4							
R1	2/21/97	<0.5							
R1	5/28/97	<0.5							
R1	9/2/1997	20							
R1	11/24/1997	<0.5							
R1	2/25/1998	<0.5							
R1	7/8/1998	<1	<5	<5	<1	<5			<500
R1	9/16/1998	<1							
R1	11/24/1998	<0.5							
R1	2/23/1999	<0.5							
R1	5/5/1999	15							
R1	8/26/1999	<1							
R1	11/10/1999	<0.5							
R1	2/9/2000	<0.5							
R1	6/30/2000	<0.5							
R1	8/8/2000	<0.5							
R1	3/8/2001	<0.5							
R1	3/8/2001	<0.5							
R1	5/31/2001	<5							
R1	12/18/2001	<0.5							
R1	2/19/2002	<0.5							
R1	5/7/2002	<0.5							
R1	8/6/2002	<0.5							
R1	11/5/2002								
R1	12/12/2002								
R1	3/13/2003	<0.5							
R1	5/6/2003	<0.5							
R1	8/13/2003	<0.5							
R1	11/20/2003								
R1	1/22/2004								
R1	3/30/2004	<0.5							
R1	6/10/2004	<0.5							
R1	9/28/2004	<0.5							
R1	12/8/2004	<0.5							
R1	3/23/2005	<0.5							
R1	6/1/2005	<0.5							
R1	9/21/2005	<0.5							
R1	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
R1	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
R1	6/21/2006	<0.5							
R1	9/13/2006	<0.5							
R1	12/21/2006	<0.5							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
R2	09/04/96	<100							
R2	12/11/96	16							
R2	2/21/97	3							
R2	5/28/97	<0.5							
R2	9/2/1997	47							
R2	11/24/1997	<0.5							
R2	2/25/1998	<0.5							
R2	7/8/1998	2	<5	<5	<1	<5			<500
R2	9/16/1998	<1							
R2	11/24/1998	<0.5							
R2	2/23/1999	<0.5							
R2	5/5/1999	8							
R2	8/26/1999	<1							
R2	11/10/1999	<0.5							
R2	2/9/2000	<0.5							
R2	6/30/2000	<0.5							
R2	8/8/2000	<0.5							
R2	11/16/2000	<0.5							
R2	3/8/2001	<2							
R2	5/31/2001	<25							
R2	12/18/2001	<5							
R2	2/19/2002	<5							
R2	5/7/2002	<2.5							
R2	8/6/2002	<5							
R2	11/5/2002	<20							
R2	12/12/2002								
R2	3/13/2003	<1							
R2	5/6/2003	<0.5							
R2	8/13/2003	<2							
R2	11/20/2003	<5	<5	<5	<5	<50			
R2	1/22/2004								
R2	3/30/2004	<0.5							
R2	6/10/2004	<0.5							
R2	9/28/2004	0.71							
R2	12/8/2004	<0.5							
R2	3/23/2005	<0.5							
R2	6/1/2005	<0.5							
R2	9/21/2005	<0.5							
R2	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
R2	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
R2	6/21/2006	<0.5							
R2	9/13/2006	<0.5							
R2	12/21/2006	<0.5							

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GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
R3	09/04/96	<5							
R3	12/11/96	5							
R3	2/21/97	<0.5							
R3	5/28/97	<0.5							
R3	9/2/1997	<0.5							
R3	11/24/1997	not enough water to sample. No sample							
R3	2/25/1998	<0.5							
R3	7/8/1998	<1	<5	<5	<1	<5			<500
R3	9/16/1998	<1							
R3	11/24/1998	not enough water to sample. No sample							
R3	2/23/1999	<0.5							
R3	5/5/1999	6							
R3	8/26/1999	1							
R3	11/10/1999	<0.5							
R3	2/9/2000	<0.5							
R3	6/30/2000	<0.5							
R3	8/8/2000	<0.5							
R3	11/16/2000	<0.5							
R3	3/8/2001	<0.5							
R3	5/31/2001	<0.5							
R3	12/18/2001	<0.5							
R3	2/19/2002	<0.5							
R3	5/7/2002	<0.5							
R3	8/6/2002	<0.5							
R3	11/5/2002	<0.5							
R3	12/12/2002								
R3	3/13/2003	<0.5							
R3	5/6/2003	<0.5							
R3	8/13/2003								
R3	11/20/2003								
R3	1/22/2004								
R3	3/30/2004	<0.5							
R3	6/10/2004	<0.5							
R3	9/28/2004								
R3	12/8/2004	<0.5							
R3	3/23/2005	<0.5							
R3	6/1/2005	<0.5							
R3	9/21/2005	<0.5							
R3	12/7/2005	not enough water to sample. No sample							
R3	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
R3	6/21/2006	<0.5							
R3	9/13/2006	<0.5							
R3	12/21/2006	<0.5							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
T 1	8/26/1999	53							
T 1	11/10/1999	<0.5							
T 1	2/9/2000	<0.5							
T 1	6/30/2000	<5							
T 1	8/8/2000	<5							
T 1	11/16/2000	<0.5							
T 1	3/8/2001	26							
T 1	5/31/2001	<50							
T 1	12/18/2001	24							
T 1	2/19/2002	55							
T 1	5/7/2002	62							
T 1	8/6/2002	32							
T 1	11/5/2002	18							
T 1	12/12/2002								
T 1	3/13/2003	2.6							
T 1	5/6/2003	10							
T 1	8/13/2003	10							
T 1	11/20/2003	11	<10	<10	<10	<100			
T 1	1/22/2004								
T 1	3/30/2004	8.6							
T 1	6/10/2004	2.7							
T 1	9/28/2004	15							
T 1	12/8/2004	6.9							
T 1	3/23/2005	1.7							
T 1	6/1/2005	54							
T 1	9/21/2005	28							
T 1	12/7/2005	25	<7	<7	<7	150	<7	<7	
T 1	3/28/2006	20	<7	<7	<7	110	<7	<7	
T 1	6/21/2006	19							
T 1	9/13/2006	22							
T 1	12/21/2006	21							

TABLE 3
GROUNDWATER CERTIFIED ANALYTICAL LABAORATAORY RESULTS FUEL OXYGENANTS AND LEAD SCAVANGERS
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	EPA METHOD 8260B MTBE (UG/L)	DIPE (UG/L)	ETBE (UG/L)	TAME (UG/L)	TBA (UG/L)	EDB (UG/L)	1,2-DCA (UG/L)	Ethanol (UG/L)
LF 1	3/30/2004	<0.5							
LF 1	6/10/2004	<0.5							
LF 1	9/28/2004	<0.5							
LF 1	12/8/2004								
LF 1	3/23/2005								
LF 1	6/1/2005								
LF 1	9/21/2005								
LF 1	12/7/2005	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
LF 1	3/28/2006	<0.5	< 0.5	< 0.5	< 0.5	<5	< 0.5	< 0.5	
LF 1	6/21/2006	<0.5							
LF 1	9/13/2006	<0.5							
LF 1	12/21/2006	<0.5							

ug/L micrograms per liter (ppb)
MtBE Methyl t-Butal Ether
DIPE Diisopropyl ether
ETBE Ethyl-t-butyl ether
TAME Tert-amyl methyl ether
TBA Tert-Butanol

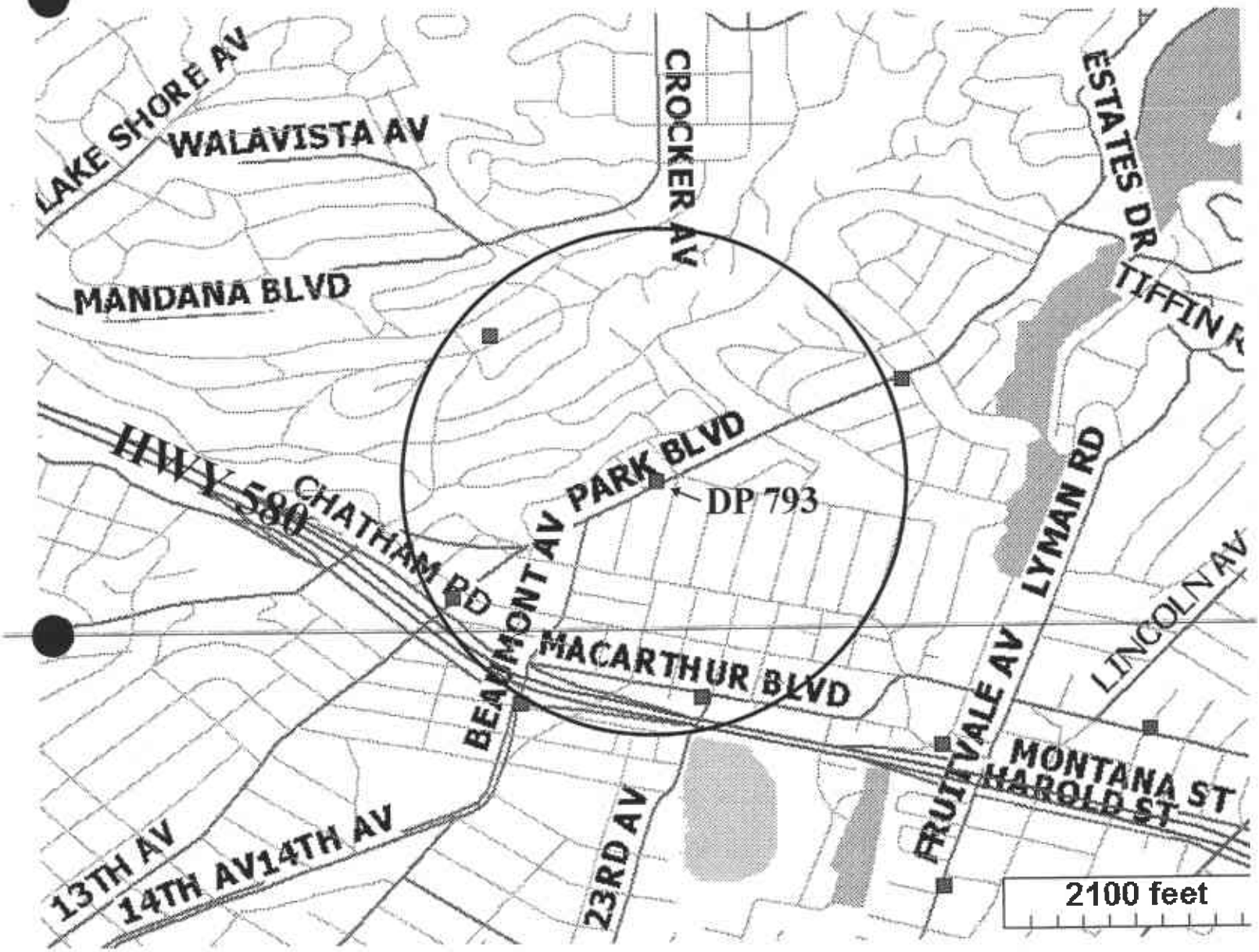


FIGURE 1
GEOTRACKER
AREA WELL & LUST MAP
DP 793
4035 PARK BLVD.
OAKLAND, CA

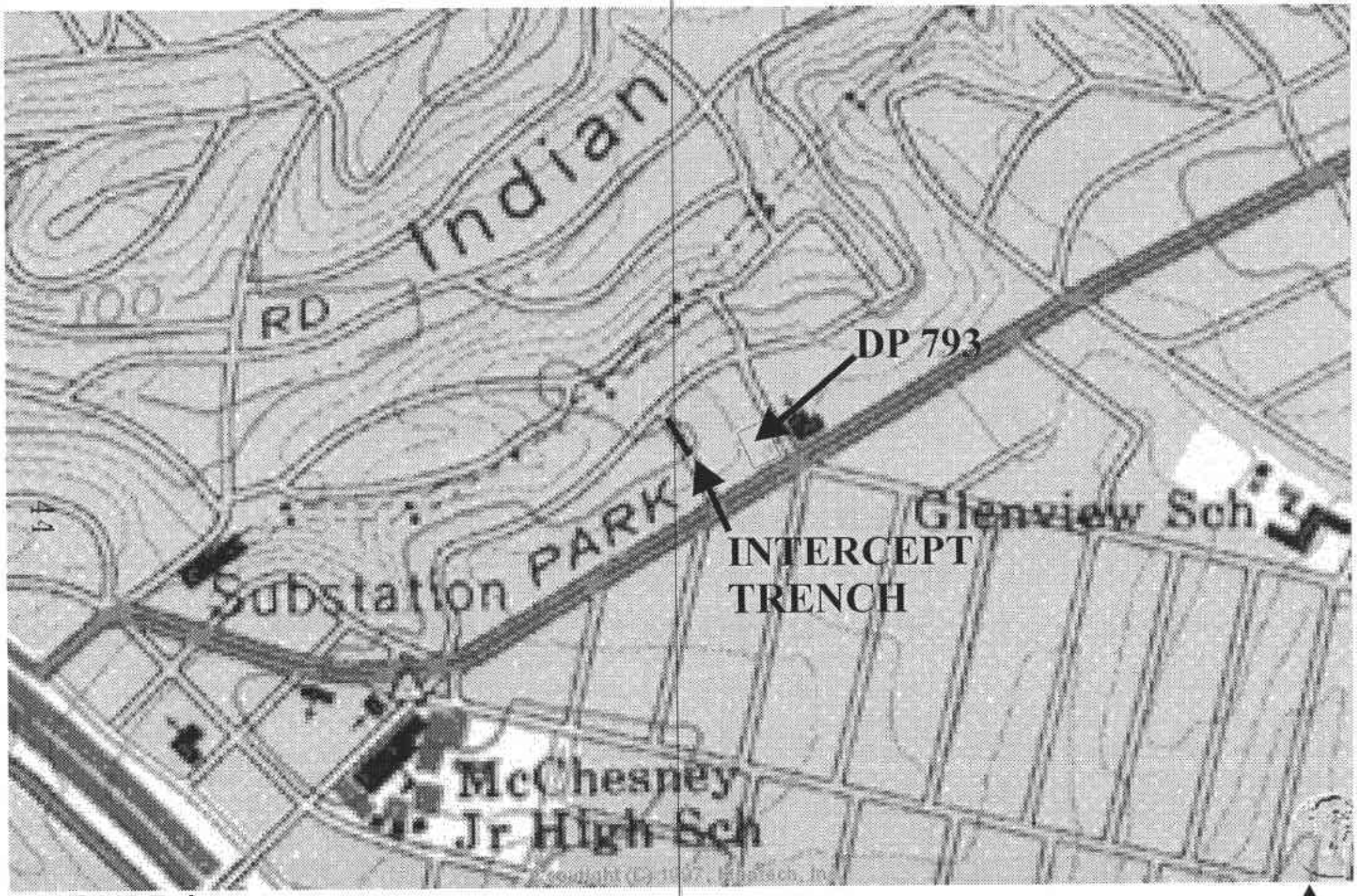
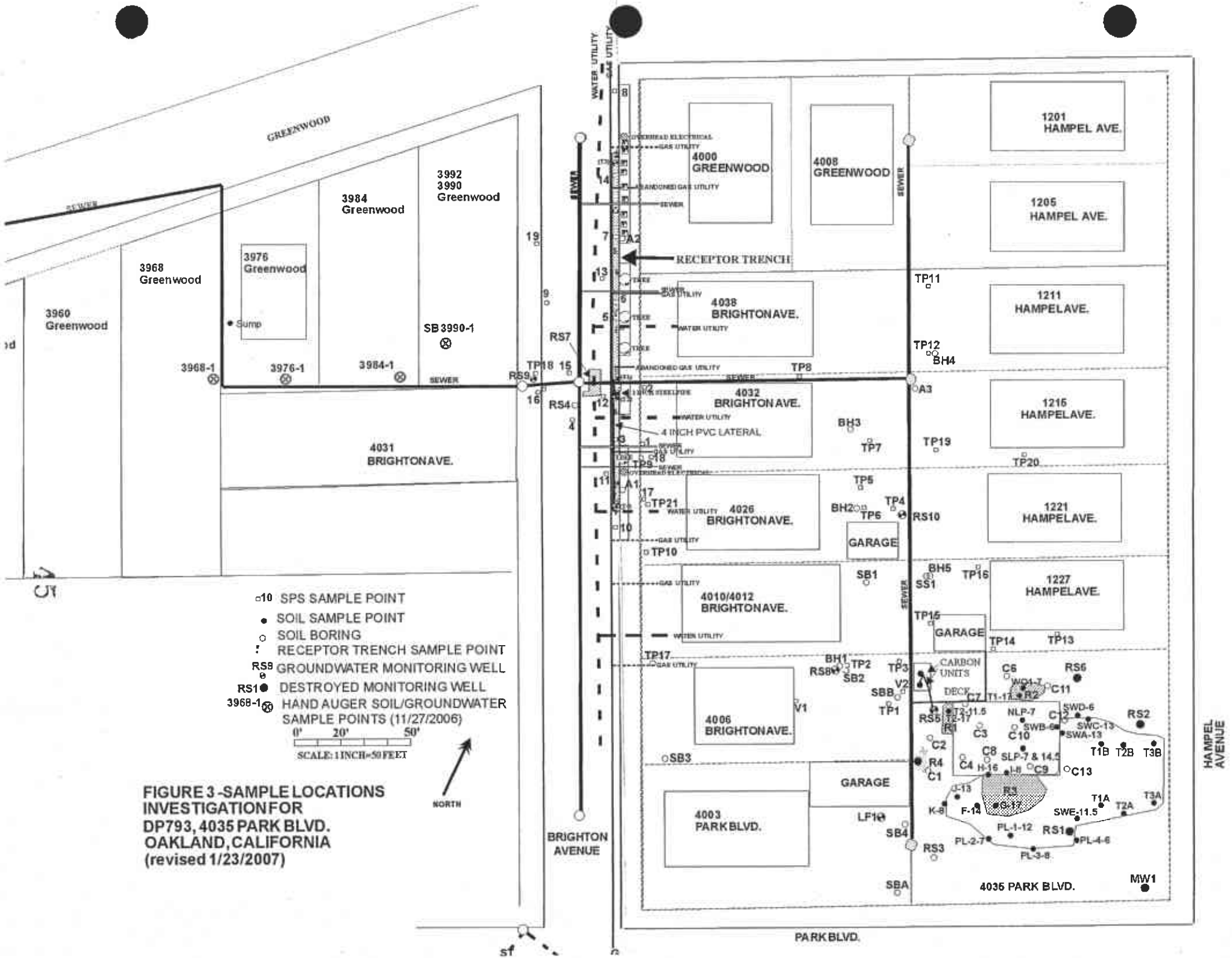


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP



□10 SPS SAMPLE POINT
• SOIL SAMPLE POINT
○ SOIL BORING
! RECEPTOR TRENCH SAMPLE POINT
RS8 GROUNDWATER MONITORING WELL
RS1● DESTROYED MONITORING WELL
3968-1⊗ HAND AUGER SOIL/GROUNDWATER SAMPLE POINTS (11/27/2006)

0' 20' 50'
SCALE: 1 INCH=50 FEET

NORTH

FIGURE 3 -SAMPLE LOCATIONS INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA (revised 1/23/2007)

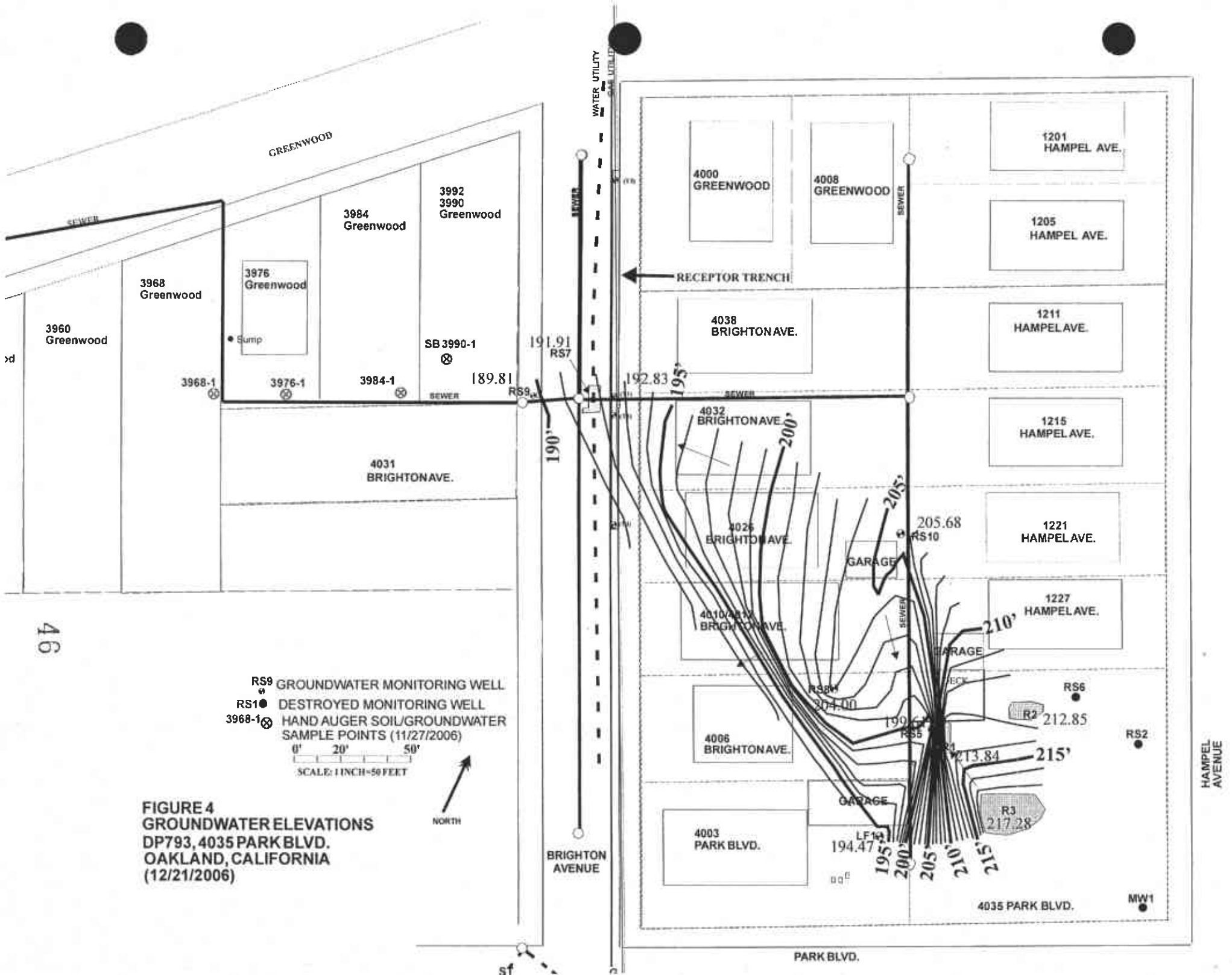


FIGURE 4
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(12/21/2006)

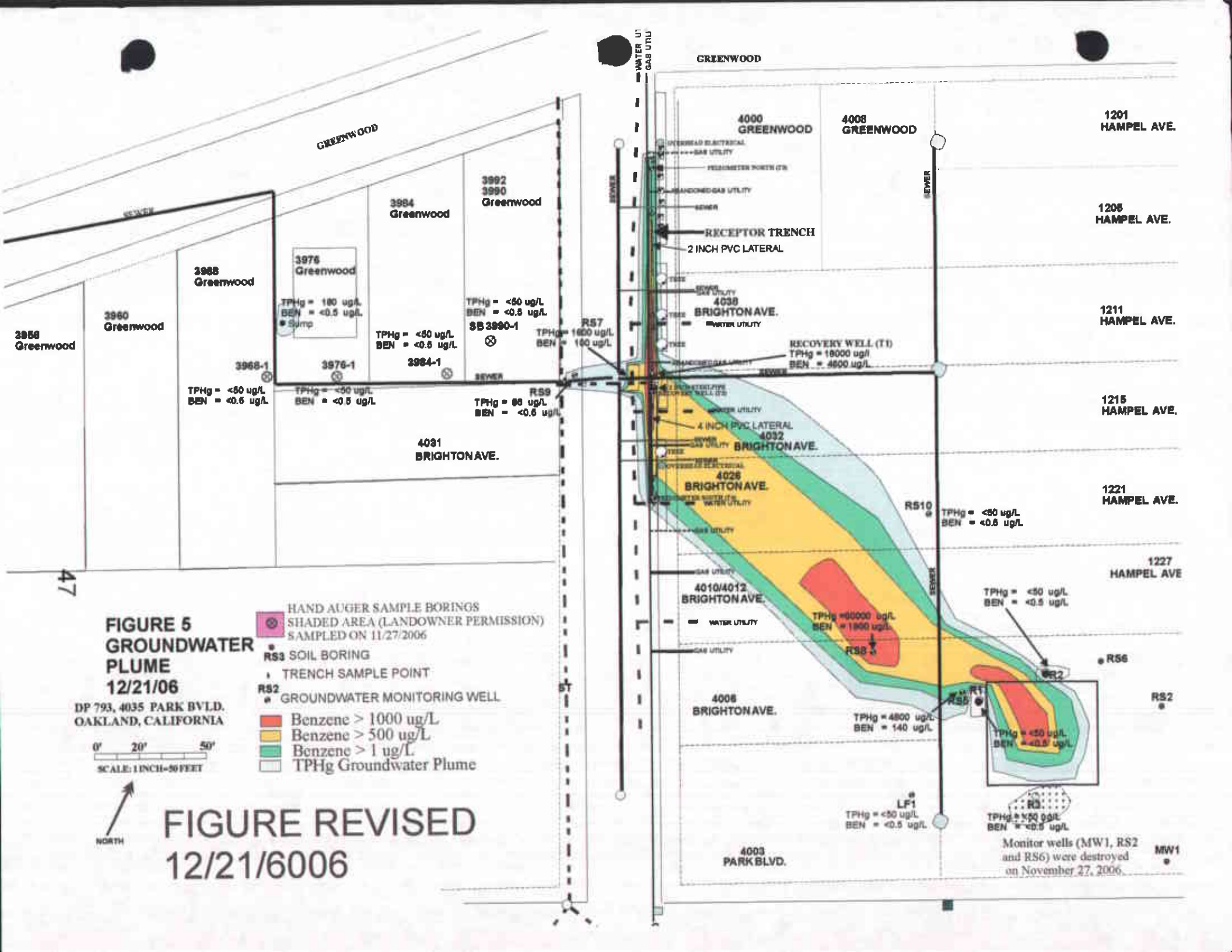


FIGURE 5
GROUNDWATER PLUME
12/21/06

DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

FIGURE REVISED
12/21/6006

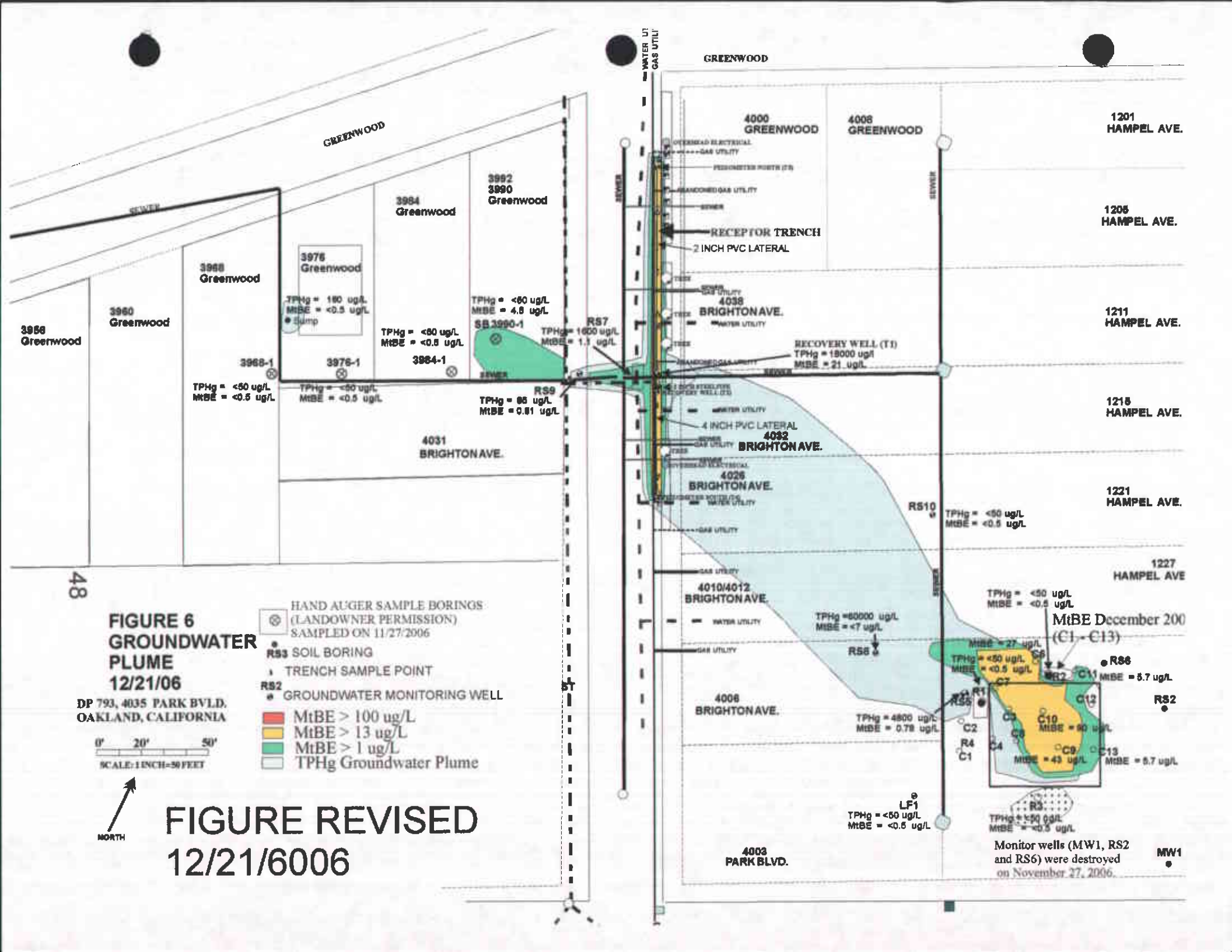


FIGURE 6
GROUNDWATER PLUME
12/21/06

DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

HAND AUGER SAMPLE BORINGS (LANDOWNER PERMISSION) SAMPLED ON 11/27/2006

RS3 SOIL BORING

TRENCH SAMPLE POINT

RS2 GROUNDWATER MONITORING WELL

- MtBE > 100 ug/L
- MtBE > 13 ug/L
- MtBE > 1 ug/L
- TPHg Groundwater Plume

0' 20' 50'
SCALE: 1 INCH=50 FEET

NORTH

FIGURE REVISED
12/21/6006

APPENDIX A
METHODS AND PROCEDURES QA/QC
WITH FIELD NOTES

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

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.

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.

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. ____________

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): [illegible]

California EDF Report? ☒ Yes ☐ No

Company / Address: [illegible]

Sampling Company Log Code: [illegible]

Phone #: [illegible] Fax #: [illegible]

Global ID: T06001001?8

Project #: [illegible] P.O. #:

EDF Deliverable To (Email Address): [illegible]

Project Name: [illegible]

Sampler Signature: [signature]

Project Address: San Jose

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	[illegible]	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (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)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT	For Lab Use Only
RS 05	12/6/06	1412	3					X			X	X				X	X	X											1 wk	01
RS 07	"	1210	"					"			"	"				"	"	"											"	02
RS 08	"	1038	"					"			"	"				"	"	"											"	03
RS 09	"	1032	"					"			"	"				"	"	"											"	04
RS 10	"	1140	"					"			"	"				"	"	"											"	05
R1	"	1420	"					"			"	"				"	"	"											"	06
R2	"	1351	"					"			"	"				"	"	"											"	07
R3	"	1326	"					"			"	"				"	"	"											"	08
T1	"	1337	"					"			"	"				"	"	"											"	09
LF 01	"	0930	"					"			"	"				"	"	"											"	10

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	12/?/06	[illegible]	
	122106	1??	Received by Laboratory: [signature] Kiff Analytical LLC

Remarks:

Bill to: [illegible]

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.4	TM	122106	1700	TR-4	(Yes) / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

GROUNDWATER ELEVATION DATA
AND PRODUCT THICKNESS MEASUREMENTS

SITE **DP 793, 4035 Park Blvd., Oakland, CA.**
DATE **December 21, 2006** START TIME 915
MEASURED BY **George Converse** DTW METER USED **Solinst Model 122**

WELL ID	TIME	DEPTH OF WELL feet below top of casing (fbtc)	DEPTH TO WATER (fbtc)	DEPTH TO TOP OF FLUID (fbtc)	PRODUCT THICKNESS (feet)	WATER COLUMN IN FEET	GW elev
MW01		18.32	Destroyed on November 27, 2006				
RS02		18.40	Destroyed on November 27, 2006				
RS05		39.20	28.0	28.0	0	11.20	199.61
RS06		34.06	Destroyed on November 27, 2006				
RS07	1150	7.25	4.08	4.08	0	3.17	191.91
RS08	1045	14.50	10.67	10.67	0	3.83	204.00
RS09	1010	15.50	5.82	5.82	0	9.68	189.81
RS10	1120	9.80	2.78	2.78	0	7.22	205.68
RO1	920	16.8	14.35	14.35	0	2.45	213.34
RO2	918	16.92	14.43	14.43	0	2.49	212.85
RO3	915	11.74	9.97	9.97	0	1.77	217.28
LF1	925	38.70	32.12	32.12	0	6.58	~~192.83~~ 194.47
T01	1225	10	2.28	2.28	0	7.72	192.89
T02		10					
T03		10					
T04		10					

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

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wege@cal.net

WELL SAMPLE DATA SHEET

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

DATE **December 21, 2006**
START TIME 1430
WELL ID# **RS05**
SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.61**
WATER COLUMN, IN FEET
CASING TOTAL DEPTH, IN FEET **39.20**
G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES **4"**
(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)
DEPTH TO TOP OF FLUID
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 **GRUNDFOS 4 INCH**
PUMP RATE [illegible]
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.)
				15.9	7.12	478	240		Clear
									No odor
		ele meter 07008							
		water meter 0030631.5							

FINAL VOLUME PURGED [illegible]
ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 1436
SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **RS05**
LABORATORY USED **KIFF Analytical**
NOTES

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wege@cal.net

WELL SAMPLE DATA SHEET

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

DATE December 21, 2006 — START TIME 1150
WELL ID# RS07 — SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 195.99 — WATER COLUMN, IN FEET 3.17
CASING TOTAL DEPTH, IN FEET ____ — G/L PURGE ONE CASING VOLUME 2 G
CASING DIAMETER IN INCHES 4" — (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 4.08 — 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 4.08 — FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION ____ — FREE PHASE PRODUCT THICKNESS 0
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.)
1155			1 Bail	14.1	7.11	601	300		Clear no odor
1159			1.5	14.3	7.11	557	276		"
1202			3.0	14.4	7.11	520	260		"
1204			5.0	14.3	7.11	504	252		
1206			6.0	14.3	7.14	504	252		

FINAL VOLUME PURGED 6.25 — ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE

TIME SAMPLED 1210 — SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S

SAMPLE ID# RS07 — LABORATORY USED KIFF Analytical

NOTES
Repair pH Cond Temp meter - left on over day & re install batteries

.165 / 3.2 / 3.?8 / 4.95 / .9 / .65 / 3.2 / 130 / 195 / 2080

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5 4
.165
3.8
1320
495
.6270

WELL SAMPLE DATA SHEET

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

DATE **December 21, 2006**
START TIME 1045
WELL ID# **RS08**
SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **214.67**
WATER COLUMN, IN FEET 3.83
CASING TOTAL DEPTH, IN FEET **14.5**
G/L PURGE ONE CASING VOLUME 0.6
CASING DIAMETER IN INCHES **2"**
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 10.67
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 10.67
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.)
1046			1 Bail	13.7	7.11	562	284		Clear to color
1051			1gl	15.0	7.11	633	317		(
1054			2	15.5	7.11	663	331		
1056			2.5	15.5	7.11	662	331		

FINAL VOLUME PURGED 2.75 gl
ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 1058
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 **December 21, 2006**
WELL ID# **RS09**
CASING ELEVATION, IN FEET **195.63**
CASING TOTAL DEPTH, IN FEET **15.50**
CASING DIAMETER IN INCHES **2"**
DEPTH TO TOP OF FLUID **5.82**

DEPTH TO TOP OF WATER **5.82**
TOP OF WATER ELEVATION
PUMP TYPE **DISPOSABLE BAILER**
DTW METER USED **SOLINST MODEL 122**

START TIME **1040**
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET **9.7**
G/L PURGE ONE CASING VOLUME **1.60**
(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**

3
9.7
.165
485
583
97
1.6015

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.)
1013			1 Bail	14.8	7.11	303	151		Turbid no odor
1015			1 gal	15.7	~~7.11~~ 7.11	932	166		"
1019			2 gal	16.1	7.11	340	170		"
1022			3 gal	16.1	7.11	322	161		
1025			4.5	16.8	7.11	330	166		
1030			5.0	16.7	7.11	332	167		

FINAL VOLUME PURGED **5.0**
TIME SAMPLED **1030**
SAMPLE ID# **RS09**
NOTES

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

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(530) 668-5300,
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43
.165
7.2
330
1155
1680

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **December 21, 2006**
WELL ID# **RS10**
CASING ELEVATION, IN FEET **208.46**
CASING TOTAL DEPTH, IN FEET 10
CASING DIAMETER IN INCHES **2"**
DEPTH TO TOP OF FLUID 2.78

DEPTH TO TOP OF WATER 2.78
TOP OF WATER ELEVATION
PUMP TYPE **DISPOSABLE BAILER**
DTW METER USED **SOLINST MODEL 122**

START TIME 1120
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET 7.22
G/L PURGE ONE CASING VOLUME 1.2 gls
(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 0
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.)
1123			1 Bailer	13.7	7.11	501	250		Clear No odor
1127			1.0	14.7	7.11	273	135		Turbid To Sediment
1130			2.5	14.9	7.11	237	118		
1134			3.25	15.1	7.11	225	112		
1136			3.75	15.1	7.11	220	109		

FINAL VOLUME PURGED 3.50
TIME SAMPLED 1140
SAMPLE ID# **RS10**
NOTES

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

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 **December 21, 2006** START TIME 1400
WELL ID# **R1** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.69** WATER COLUMN, IN FEET 2.045
CASING TOTAL DEPTH, IN FEET **16.80** G/L PURGE ONE CASING VOLUME 3.7 gal
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 14.35 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 14.35 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **GRUNDFOS REDIFLOW 2** 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.)
1402			1 Bail	16.5	7.12	270	136		Clear no odor
1412			3.0	17.6	7.12	268	133		
1416			6.0	17.8	7.12	269	134		

FINAL VOLUME PURGED 6.5 ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 1420 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **R1** LABORATORY USED **KIFF Analytical**
NOTES

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **December 21, 2006** START TIME 1335
WELL ID# **R2** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.28** WATER COLUMN, IN FEET 2.49
CASING TOTAL DEPTH, IN FEET **16.92** G/L PURGE ONE CASING VOLUME 3 7/8
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 14.43 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 14.43 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS 0
PUMP TYPE **GRUNDFOS REDIFLOW 2** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

2.5 × 1.47 = 3.675
2.5 × 7.35 = 18.375
2.5 × 2.94 = 7.35

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.)
1337			1.0	17.6	7.13	707	354		Clear no color
1342			3.0	18.4	7.13	787	393		"
1345			6.0	18.3	7.13	774	388		
1350			8.0	18.3	7.12	776	389		

FINAL VOLUME PURGED 8.25
TIME SAMPLED 1351
SAMPLE ID# **R2**
NOTES

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

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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3 5
L47
18
1176
147
2646

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **December 21, 2006** START TIME 1305
WELL ID# **R3** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.25** WATER COLUMN, IN FEET 1.77
CASING TOTAL DEPTH, IN FEET **11.74** G/L PURGE ONE CASING VOLUME 2.6
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 9.97 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 9.97 FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **GRUNDFOS REDIFLOW 2** 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.)
1308			1 Bailer	16.4	7.13	499	249		Clear no odor
1313			2.5	17.9	7.13	528	264		"
1318			5.0	18.0	7.13	533	266		
1322			6.5	18.3	7.13	540	270		
1325			7.5	18.3	7.13	544	272		

FINAL VOLUME PURGED 7.5 gal
TIME SAMPLED 1326
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
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WELL SAMPLE DATA SHEET

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

DATE **December 21, 2006** START TIME 1228

WELL ID# **RECEPTOR TRENCH T1, T2, T3, T4** SAMPLE BY **CONVERSE**

CASING ELEVATION, IN FEET **T2=195.30** WATER COLUMN, IN FEET 7.7

CASING TOTAL DEPTH, IN FEET **10** G/L PURGE ONE CASING VOLUME 5.0

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

DEPTH TO TOP OF FLUID 2.28 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT

4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)

DEPTH TO TOP OF WATER 2.28 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)

TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS 0

PUMP TYPE **GRUNDFOS REDIFLOW 2** PUMP RATE

DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

(Margin calculations: 2.3; 4; 7.7; .65; 385; 462; 5.005)

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.)
1227			1 Bailer	14.9	7.13	743	371		Clear No odor
1234			2.5	16.2	7.11	762	381		
1236			5.0	16.4	7.11	762	381		

FINAL VOLUME PURGED 5.25

ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**

TIME SAMPLED 1237

SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**

SAMPLE ID# **T1**

LABORATORY USED **KIFF Analytical**

NOTES

-WEGE-
WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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WELL SAMPLE DATA SHEET

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

DATE **December 21, 2006**
WELL ID# **LF-01**
CASING ELEVATION, IN FEET **226.59**
CASING TOTAL DEPTH, IN FEET **38.70**
CASING DIAMETER IN INCHES **2"**
DEPTH TO TOP OF FLUID 32.12

DEPTH TO TOP OF WATER 32.12
TOP OF WATER ELEVATION
PUMP TYPE ~~**GRUNDFOS REDIFLOW 2**~~
DTW METER USED **SOLINST MODEL 122**

START TIME 0925
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET 6.88
G/L PURGE ONE CASING VOLUME 1.09gl
(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**

38.70
6.6
.165
33 0
39.6
66
10.890

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.)
932	33		1 Bail	16.8	7.10	398	200		Clear no odor
936			1 gal	17.3	7.10	398	199		sl turbid brown
942			2 gal	17.5	7.10	407	203		(
948			3 gals	17.5	7.10	410	204		)

FINAL VOLUME PURGED 3.25 gals

TIME SAMPLED 0950

SAMPLE ID# **LF-01**
NOTES

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 12/6/06 REASON FOR SITE VISIT weekly o/m

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 _____

ELECTRIC METER 0691 6 WATER METER 2205746.5

SAMPLE(s No SITE MONITORED BY: Conner

	WASTEWATER INFLUENT	EFFLUENT
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 45 PSI, #2 0 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 9/12/06 REASON FOR SITE VISIT weekly

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 pump switched on at arrival

ELECTRIC METER 06924 WATER METER 22057465

SAMPLE(s None SITE MONITORED BY:

WASTEWATER	INFLUENT	EFFLUENT
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 75 PSI, #2 0 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 10-19-06

REASON FOR SITE VISIT weekly O&M

	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 Istall new meter 5277328[illegible]

ELECTRIC METER 06934

WATER METER 10.0

SAMPLE(S) None

SITE MONITORED BY: Converse

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

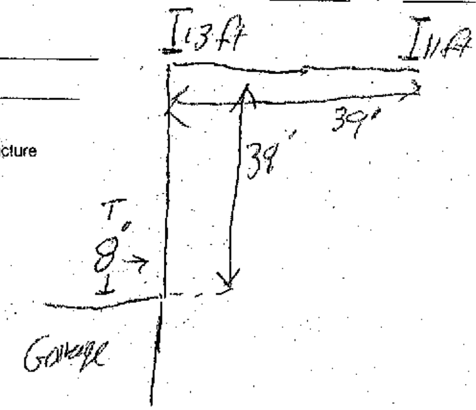
WATER TREATMENT
RS5 FLOW RATE ____ GALLONS/____ MINUTES
T1 FLOW RATE ____ GALLONS/____ MINUTES
T2 FLOW RATE ____ GALLONS/____ MINUTES

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 6.5 PSI, #2 0 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

DP793 10:07 10/27/06

~~07~~
~06945 electric

Cl = 6.5 psi
4512.2 water

FORMER DESERT PETROLEUM SITE OP 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 12-7-06 REASON FOR SITE VISIT WEEK ONE

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 New meter 82773286

ELECTRIC METER 06950

WATER METER 6838

SAMPLE(s) NO

SITE MONITORED BY: Converse

	WASTEWATER INFLUENT	EFFLUENT
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 7 PSI, #2 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 11-9-06 REASON FOR SITE VISIT weekly O&M

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 #1 carbon pH hole leak in lid - pressured up. Turn off pump

ELECTRIC METER 06963

WATER METER 0010623.3

SAMPLE(s None

SITE MONITORED BY: Conlene

	WASTEWATER INFLUENT	EFFLUENT
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,

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 11-17-06

REASON FOR SITE VISIT weekly O&M Carbon Change out

	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 remove carbon from #1 Carbon. Place #2 into #1 position & new Carbon into #2 position

ELECTRIC METER 06963

WATER METER ~~00100995~~ 0010995

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

SAMPLE(S) No

SITE MONITORED BY: Concrete

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 3 PSI, #2 0 PSI,

#3605 new #3797
removed carbon #6642

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

Old meter 47083426
New meter 82773286

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 11-21-06 REASON FOR SITE VISIT weekly O&M

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 _____

ELECTRIC METER 06969 WATER METER 0013701.0

SAMPLE(s) None SITE MONITORED BY: Conese

	WASTEWATER INFLUENT	EFFLUENT
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 2 PSI, #2 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 11/27/06

REASON FOR SITE VISIT weekly O&M well Dest Soil/Cuttings

	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 Destroyed = pressure gauge MW-1, RS-2, RS-6. Hand Auger 4 borings Backyard Soil/Cuttings Samples

ELECTRIC METER 0.6976

WATER METER 00172140

SAMPLE(S) Yes

SITE MONITORED BY: Concord

	WASTEWATER INFLUENT	EFFLUENT
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 2.0 PSI, #2 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

PP793 12-08-006 9549
07988 slat
0022806 h 0

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5042550 1

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

DATE 12-14-06 REASON FOR SITE VISIT Weekly O&M

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 Permits system - good condition leave at selected addresses. Will monitor, notifications

ELECTRIC METER 06998

WATER METER 0026 524,0

SAMPLE(s) None

SITE MONITORED BY: Carreon

WASTEWATER	INFLUENT	EFFLUENT
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 2 PSI, #2 0 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 12/28/06

REASON FOR SITE VISIT weekly O+M

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 Sunny cold windy

ELECTRIC METER 07017

WATER METER 00344102

SAMPLE(s Sewer Discharge @ 1245

SITE MONITORED BY: Concore

	WASTEWATER INFLUENT	EFFLUENT
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 15 PSI, #2 0 PSI,

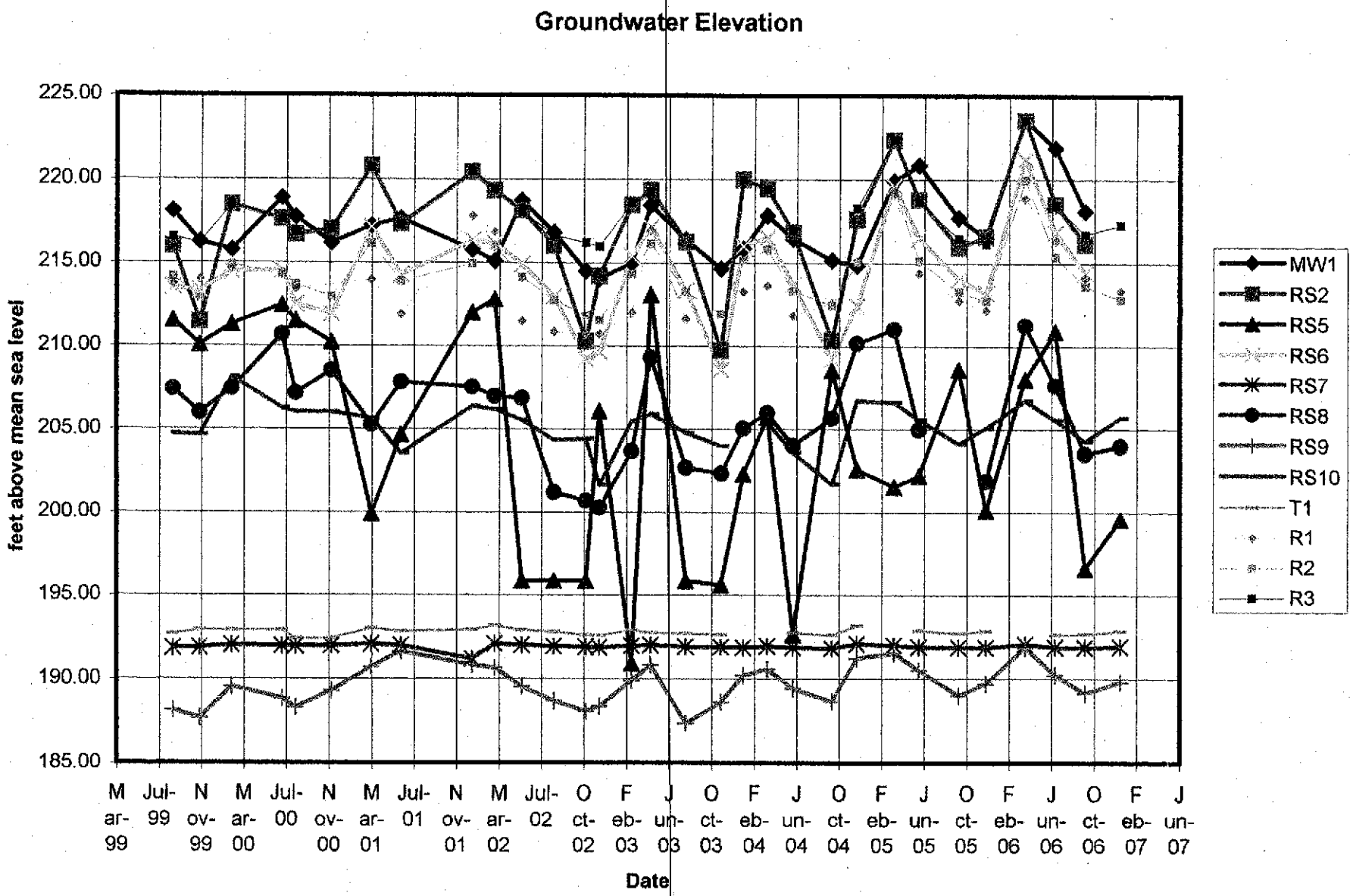
WATER PHASE CARBON UNITS INSPECTION COMMENTS good

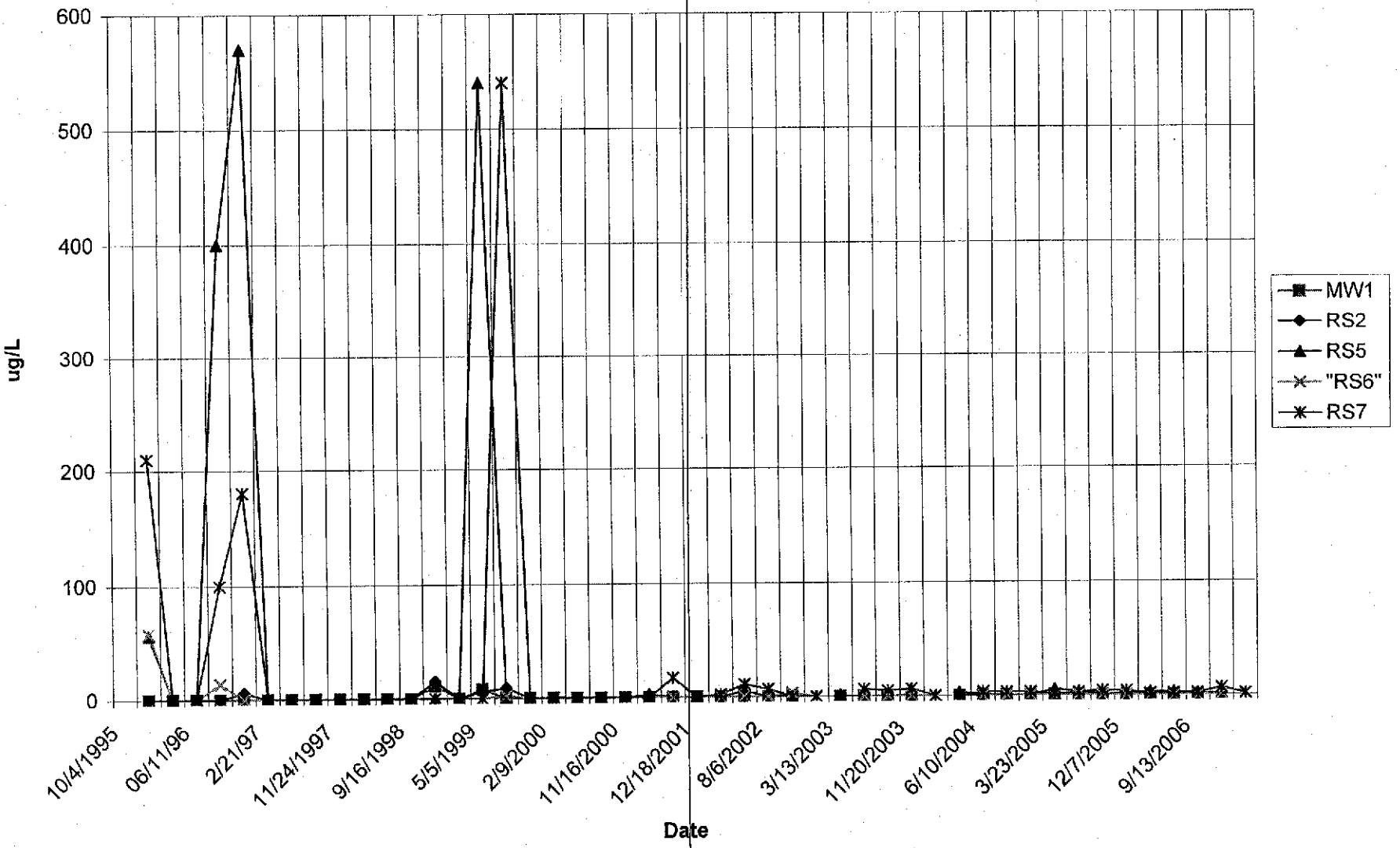
CONDITION OF COMPOUND COMMENTS good

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

APPENDIX B.

GROUNDWATER ELEVATION CHART
TPHg & BENZENE WELL CHARTS


Groundwater Elevation
225.00
220.00
215.00
210.00
205.00
200.00
195.00
190.00
185.00
feet above mean sea level
Mar-99
Jul-99
Nov-99
Mar-00
Jul-00
Nov-00
Mar-01
Jul-01
Nov-01
Mar-02
Jul-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
Oct-05
Feb-06
Jun-06
Oct-06
Feb-07
Jun-07
Date
MW1
RS2
RS5
RS6
RS7
RS8
RS9
RS10
T1
R1
R2
R3


MTBE IN WELLS
600
500
400
300
200
100
0
ug/L
10/4/1995
06/11/96
2/21/97
11/24/1997
9/16/1998
5/5/1999
2/9/2000
11/16/2000
12/18/2001
8/6/2002
3/13/2003
11/20/2003
6/10/2004
3/23/2005
12/7/2005
9/13/2006
Date
MW1
RS2
RS5
"RS6"
RS7

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

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

Subject : 4 Soil Samples and 5 Water Samples
Project Name : DP793-Backyards
Project Number : DP793

Dear Mr. Converse,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3968-1** Matrix : Soil Lab Number : 53519-01

Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/28/2006

Sample : **3976-1** Matrix : Soil Lab Number : 53519-02

Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/28/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3984-1** Matrix : Soil Lab Number : 53519-03
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	11/28/2006

Sample : **SB3990-1** Matrix : Soil Lab Number : 53519-04
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	11/28/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3968-1W** Matrix : Water Lab Number : 53519-05
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	11/29/2006

Sample : **3976-1W** Matrix : Water Lab Number : 53519-06
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3984-1W** Matrix : Water Lab Number : 53519-07
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/29/2006

Sample : **3990-1W** Matrix : Water Lab Number : 53519-08
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**4.5**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 11/30/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3976-SUMP** Matrix : Water Lab Number : 53519-09
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**58**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**180**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

Date : 11/30/2006

QC Report : Method Blank Data

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	96.3		%	EPA 8260B	11/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	98.8		%	EPA 8260B	11/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St. Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

Date : 11/30/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53519-04	<0.0050	0.0394	0.0399	0.0368	0.0358	mg/Kg	EPA 8260B	11/29/06	93.4	89.8	4.01	70-130	25
Toluene	53519-04	<0.0050	0.0394	0.0399	0.0360	0.0353	mg/Kg	EPA 8260B	11/29/06	91.4	88.4	3.39	70-130	25
Tert-Butanol	53519-04	<0.0050	0.197	0.200	0.188	0.188	mg/Kg	EPA 8260B	11/29/06	95.5	94.3	1.28	70-130	25
Methyl-t-Butyl Ether	53519-04	<0.0050	0.0394	0.0399	0.0369	0.0400	mg/Kg	EPA 8260B	11/29/06	93.6	100	6.66	70-130	25
Benzene	53528-04	<0.50	40.0	40.0	40.5	39.2	ug/L	EPA 8260B	11/29/06	101	98.0	3.33	70-130	25
Toluene	53528-04	<0.50	40.0	40.0	40.7	39.6	ug/L	EPA 8260B	11/29/06	102	99.1	2.59	70-130	25
Tert-Butanol	53528-04	5.9	200	200	208	213	ug/L	EPA 8260B	11/29/06	101	104	2.71	70-130	25
Methyl-t-Butyl Ether	53528-04	5.5	40.0	40.0	43.0	42.3	ug/L	EPA 8260B	11/29/06	93.8	92.1	1.82	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

QC Report : Laboratory Control Sample (LCS)

Date : 11/30/2006

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0394	mg/Kg	EPA 8260B	11/28/06	94.3	70-130
Toluene	0.0394	mg/Kg	EPA 8260B	11/28/06	93.2	70-130
Tert-Butanol	0.197	mg/Kg	EPA 8260B	11/28/06	90.8	70-130
Methyl-t-Butyl Ether	0.0394	mg/Kg	EPA 8260B	11/28/06	98.5	70-130
Benzene	40.0	ug/L	EPA 8260B	11/29/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	11/29/06	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/29/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/29/06	88.3	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St. Suite 300, Davis, CA 95616, 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53519

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Conver

California EDF Report? ☒ Yes ☐ No

Company / Address: WEGE / 1386 E Bronny St Woodland, CA

Sampling Company Log Code:

Phone #: 530 668 5300 | Fax #:

Global ID:

Project #: DP 793 | P.O. #:

EDF Deliverable To (Email Address):

Project Name: DP 793 - Backyards

Sampler Signature: George Conver

Project Address: Oakland

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M)	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Total Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	TAT	For Lab Use Only
3968-1	11/27/06	1330				X					X		X			X	X	X											1wk	01
3976-1	"	1155				X					X		X			X	X	X											"	02
3984-1	"	11:00				X					X		X			X	X	X											"	03
SB 3990-1	"	10:00				X					X		X			X	X	X											"	04
3968-1W	11/27/06	1400	3					X			X	X				X	X	X											1wk	05
3976-1W	"	1305	3					X			X	X				X	X	X											"	06
3984-1W	"	1255	3					X			X	X				X	X	X											"	07
3990-1W	"	1240	3					X			X	X				X	X	X											"	08
3976-Sump	"	1330	3					X			X	X				X	X	X											"	09

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
George Conver	11/28/06	0925	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	112806	0925	Michelle Spencer Kiff Analytical

Remarks:

Bill to: WEGE

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
3.9	MAS	112806	0920	IR-4	Yes / No

3.9

Distribution: White - Lab; Pink - Originator

Rev: 061805

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

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

Subject : 4 Soil Samples and 5 Water Samples
Project Name : DP793-Backyards
Project Number : DP793

Dear Mr. Converse,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Subject : 4 Soil Samples and 5 Water Samples
Project Name : DP793-Backyards
Project Number : DP793

Case Narrative

Approximately 15% of the compounds included in the TPH as Gasoline concentration reported for sample 3976-SUMP are compounds that we do not consider to be normal gasoline constituents.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3968-1** Matrix : Soil Lab Number : 53519-01
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	11/28/2006

Sample : **3976-1** Matrix : Soil Lab Number : 53519-02
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	11/28/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3984-1** Matrix : Soil Lab Number : 53519-03
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	92.9		% Recovery	EPA 8260B	11/28/2006

Sample : **SB3990-1** Matrix : Soil Lab Number : 53519-04
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	**< 0.0050**	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	**< 1.0**	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	11/28/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3968-1W** Matrix : Water Lab Number : 53519-05
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	11/29/2006

Sample : **3976-1W** Matrix : Water Lab Number : 53519-06
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3984-1W** Matrix : Water Lab Number : 53519-07
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	11/29/2006

Sample : **3990--1W** Matrix : Water Lab Number : 53519-08
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**4.5**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53519
Date : 12/14/2006

Project Name : **DP793-Backyards**
Project Number : **DP793**

Sample : **3976-SUMP** Matrix : Water Lab Number : 53519-09
Sample Date :11/27/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	**58**	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	**180**	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	11/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

Date : 12/14/2006

QC Report : Method Blank Data

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	11/28/2006
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	11/28/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	11/28/2006
4-Bromofluorobenzene (Surr)	96.3		%	EPA 8260B	11/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/29/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/29/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	11/29/2006
4-Bromofluorobenzene (Surr)	98.8		%	EPA 8260B	11/29/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

Date : 12/14/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53519-04	<0.0050	0.0394	0.0399	0.0368	0.0358	mg/Kg	EPA 8260B	11/29/06	93.4	89.8	4.01	70-130	25
Toluene	53519-04	<0.0050	0.0394	0.0399	0.0360	0.0353	mg/Kg	EPA 8260B	11/29/06	91.4	88.4	3.39	70-130	25
Tert-Butanol	53519-04	<0.0050	0.197	0.200	0.188	0.188	mg/Kg	EPA 8260B	11/29/06	95.5	94.3	1.28	70-130	25
Methyl-t-Butyl Ether	53519-04	<0.0050	0.0394	0.0399	0.0369	0.0400	mg/Kg	EPA 8260B	11/29/06	93.6	100	6.66	70-130	25
Benzene	53528-04	<0.50	40.0	40.0	40.5	39.2	ug/L	EPA 8260B	11/29/06	101	98.0	3.33	70-130	25
Toluene	53528-04	<0.50	40.0	40.0	40.7	39.6	ug/L	EPA 8260B	11/29/06	102	99.1	2.59	70-130	25
Tert-Butanol	53528-04	5.9	200	200	208	213	ug/L	EPA 8260B	11/29/06	101	104	2.71	70-130	25
Methyl-t-Butyl Ether	53528-04	5.5	40.0	40.0	43.0	42.3	ug/L	EPA 8260B	11/29/06	93.8	92.1	1.82	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53519

Date : 12/14/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793-Backyards**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0394	mg/Kg	EPA 8260B	11/28/06	94.3	70-130
Toluene	0.0394	mg/Kg	EPA 8260B	11/28/06	93.2	70-130
Tert-Butanol	0.197	mg/Kg	EPA 8260B	11/28/06	90.8	70-130
Methyl-t-Butyl Ether	0.0394	mg/Kg	EPA 8260B	11/28/06	98.5	70-130
Benzene	40.0	ug/L	EPA 8260B	11/29/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	11/29/06	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/29/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/29/06	88.3	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53519

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Conuehe	California EDF Report? ☒ Yes ☐ No
Company / Address: WEGE / 1386 E Beamer St Woodland, CA	Sampling Company Log Code:
Phone #: 530 668 5300 / Fax #:	Global ID:
Project #: DP 793 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: DP 793 - Backyard	Sampler Signature:
Project Address: Oakland	

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air
3968-1	11/27/06	1330				X					X		X	
3976-1		1155				X					X		X	
3984-1		11:00				X					X		X	
SSB 3990-1		10:00				X					X		X	
3968-1W	11/27/06	1400	3					X			X	X		
3976-1W		1305	3					X			X	X		
3984-1W		1255	3					X			X	X		
3990-1W		1240	3					X			X	X		
3976-SCMP		1350	3					X			X	X		

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (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)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT	For Lab Use Only
	X	X	X											1wk	01
	X	X	X												02
	X	X	X												03
	X	X	X												04
	X	X	X											1wk	05
	X	X	X												06
	X	X	X												07
	X	X	X												08
	X	X	X												09

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
George Conuehe	11/28/06	0925	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	112806	0925	Michelle Spencer Kiff Analytical

Remarks:

Bill to: WEGE

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
3.9 MP 3.9	MAS	112806	0920	IR-4	Yes ☒ No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

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

Subject : 10 Water Samples
Project Name : DP793 4th 1/4 2006
Project Number : DP793

Dear Mr. Converse,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Subject : 10 Water Samples
Project Name : DP793 4th 1/4 2006
Project Number : DP793

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample RS05 for the analyte Toluene were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Project Name : **DP793 4th 1/4 2006**
Project Number : **DP793**

Sample : **RS05** Matrix : Water Lab Number : 54028-01
Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**140**	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	**120**	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**130**	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**440**	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**0.78**	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**4800**	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	91.4		% Recovery	EPA 8260B	12/22/2006

Sample : **RS07** Matrix : Water Lab Number : 54028-02
Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**100**	0.90	ug/L	EPA 8260B	12/22/2006
Toluene	**3.7**	0.90	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**37**	0.90	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**30**	0.90	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**1.1**	0.90	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**1600**	90	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	12/22/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Project Name : **DP793 4th 1/4 2006**
Project Number : **DP793**

Sample : **RS08** Matrix : Water Lab Number : 54028-03

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1900**	7.0	ug/L	EPA 8260B	12/22/2006
Toluene	**2000**	7.0	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**1300**	7.0	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**5200**	7.0	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**< 7.0**	7.0	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**60000**	700	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	12/22/2006

Sample : **RS09** Matrix : Water Lab Number : 54028-04

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**0.81**	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**85**	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	99.6		% Recovery	EPA 8260B	12/22/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Project Name : **DP793 4th 1/4 2006**
Project Number : **DP793**

Sample : **RS10** Matrix : Water Lab Number : 54028-05
Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	12/22/2006

Sample : **R1** Matrix : Water Lab Number : 54028-06
Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	12/22/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Project Name : **DP793 4th 1/4 2006**
Project Number : **DP793**

Sample : **R2** Matrix : Water Lab Number : 54028-07

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	12/22/2006

Sample : **R3** Matrix : Water Lab Number : 54028-08

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/23/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/23/2006
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	12/23/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54028
Date : 12/26/2006

Project Name : **DP793 4th 1/4 2006**
Project Number : **DP793**

Sample : **T1** Matrix : Water Lab Number : 54028-09

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**4600**	9.0	ug/L	EPA 8260B	12/22/2006
Toluene	**620**	9.0	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	**850**	9.0	ug/L	EPA 8260B	12/22/2006
Total Xylenes	**2000**	9.0	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	**21**	9.0	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	**18000**	900	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	98.6		% Recovery	EPA 8260B	12/22/2006

Sample : **LF01** Matrix : Water Lab Number : 54028-10

Sample Date :12/21/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/23/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/23/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/23/2006
4-Bromofluorobenzene (Surr)	99.1		% Recovery	EPA 8260B	12/23/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54028

Date : 12/26/2006

QC Report : Method Blank Data

Project Name : **DP793 4th 1/4 2006**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/21/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/21/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/21/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/21/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/21/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/21/2006
Toluene - d8 (Surr)	99.4		%	EPA 8260B	12/21/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	12/21/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	106		%	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	91.7		%	EPA 8260B	12/22/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/22/2006
Toluene - d8 (Surr)	99.3		%	EPA 8260B	12/22/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	12/22/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54028

Date : 12/26/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793 4th 1/4 2006**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53984-21	<0.50	39.9	40.0	35.2	35.5	ug/L	EPA 8260B	12/22/06	88.2	88.8	0.712	70-130	25
Toluene	53984-21	<0.50	39.9	40.0	35.5	35.6	ug/L	EPA 8260B	12/22/06	89.0	88.9	0.112	70-130	25
Tert-Butanol	53984-21	<5.0	200	200	174	175	ug/L	EPA 8260B	12/22/06	87.0	87.5	0.621	70-130	25
Methyl-t-Butyl Ether	53984-21	<0.50	39.9	40.0	37.0	36.6	ug/L	EPA 8260B	12/22/06	92.6	91.4	1.30	70-130	25
Benzene	54005-05	<0.50	40.0	40.0	38.4	38.2	ug/L	EPA 8260B	12/22/06	95.9	95.4	0.472	70-130	25
Toluene	54005-05	13	40.0	40.0	69.5	68.5	ug/L	EPA 8260B	12/22/06	140	138	1.64	70-130	25
Tert-Butanol	54005-05	<5.0	200	200	200	205	ug/L	EPA 8260B	12/22/06	100	102	2.29	70-130	25
Methyl-t-Butyl Ether	54005-05	<0.50	40.0	40.0	35.4	35.0	ug/L	EPA 8260B	12/22/06	88.6	87.4	1.32	70-130	25
Benzene	54028-06	<0.50	40.0	40.0	39.7	37.8	ug/L	EPA 8260B	12/22/06	99.3	94.4	5.06	70-130	25
Toluene	54028-06	<0.50	40.0	40.0	39.7	37.7	ug/L	EPA 8260B	12/22/06	99.2	94.2	5.12	70-130	25
Tert-Butanol	54028-06	<5.0	200	200	199	198	ug/L	EPA 8260B	12/22/06	99.5	98.9	0.530	70-130	25
Methyl-t-Butyl Ether	54028-06	<0.50	40.0	40.0	36.8	35.7	ug/L	EPA 8260B	12/22/06	92.0	89.2	3.10	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54028

Date : 12/26/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793 4th 1/4 2006**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/21/06	89.3	70-130
Toluene	40.0	ug/L	EPA 8260B	12/21/06	90.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/21/06	87.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/21/06	92.6	70-130
Benzene	40.0	ug/L	EPA 8260B	12/22/06	97.9	70-130
Toluene	40.0	ug/L	EPA 8260B	12/22/06	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/22/06	97.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/22/06	85.3	70-130
Benzene	40.0	ug/L	EPA 8260B	12/22/06	97.6	70-130
Toluene	40.0	ug/L	EPA 8260B	12/22/06	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/22/06	98.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/22/06	87.2	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 54028

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Conver	California EDF Report? ☒ Yes ☐ No
Company / Address: UCGE 1386 E Beamer St Woodland, CA	Sampling Company Log Code: UCGEW
Phone #: 530 668 5300	Fax #: 530 662 0273
Global ID: T0600100158	
Project #: DP 793	P.O. #:
EDF Deliverable To (Email Address): ucge@Cal.net	
Project Name: DP793 4th Q 2006	Sampler Signature:
Project Address: San Jose	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: ICE	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (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)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)					TAT: 1 wk	For Lab Use Only
RS 05	12/2/06	1435	3					X			X	X				X	X	X																01
RS 07		1210																																02
RS 08		1058																																03
RS 09		1030																																04
RS 10		1140																																05
R1		1420																																06
R2		1351																																07
R3		1326																																08
T1		1257																																09
LF 01		0950																																10

Relinquished by:	Date	Time	Received by:
	12/4/06	1700	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	122106	1700	Thomas Aherne Kiff Analytical LLC

Remarks:

Bill to: UCGE

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.4	TJA	122106	1700	104	Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

APPENDIX D

WELL DESTRUCTION PERMITS
DRILLING PERMITS
BOREHOLE LOGS

-WEGE-

Western Geo-Engineers

BORING: 3968
DATE DRILLED: 11/27/2006

▮ SAMPLE INTERVAL

▼ WATER

BORE HOLE LOG

PROJECT: DP702	GEOLOGIST: GEORGE CONVERSE	SURFACE ELEVATION:
LOCATION: 4035 PARK BLVD. OAKLAND, CA	DRILLER: Gerardo Gutierrez	TOTAL DEPTH: 5.0 FT
DRILLING CONTRACTOR: RSI Drilling (C57-802334)	DEPTH TO WATER: 2.0 feet	CASING: None

REMARKS: HAND AUGER WITH 4 INCH DIAMETER BUCKET TO 2 FEET BELOW TOP OF GROUNDWATER.. AIR MONITORING WITH PID,10.6 EV BULB. OBTAIN SOIL AND WATER SAMPLES. DESTROYED SAME DAY.

DEPTH (FT)	SAMPLE No.	PPM TVO VAPOR	CORE DESCRPTION	GRAPHIC LOG	REMARKS
1'		0.2	Clay, brown, silty, no odor. (CH-ML)		
▼2' ▮	3968-1	0.1			
3'		0.1			3968-1W grab water sample (2'-5.0')
4'		0.1	Clay conglomerate, dark brown, silty, varigated pebbles, hard, no odor. (CH-ML)		
5'		0.1			
6'					
7'					
8'					
9'					
10'					
			TOTAL DEPTH CORED 5.0 FEET Boring destroyed by 5 sack mix neat ~~with 5% bentonite from total depth to~~ 1.5 feet of surface, then backfilled with native soil to surface.		

Western Geo-Engineers

BORING: 3976
DATE DRILLED: 11/27/2006

▮ SAMPLE INTERVAL
▼ WATER

BORE HOLE LOG

PROJECT: DP793	GEOLOGIST: GEORGE CONVERSE	SURFACE ELEVATION:
LOCATION: 4035 PARK BLVD. OAKLAND, CA	DRILLER: Gerardo Gutierrez	TOTAL DEPTH: 5.5 FT
DRILLING CONTRACTOR: RSI Drilling (C57-802334)	DEPTH TO WATER: 3.0 feet	CASING: None

REMARKS: HAND AUGER WITH 4 INCH DIAMETER BUCKET TO 2 FEET BELOW TOP OF GROUNDWATER.. AIR MONITORING WITH PID,10.6 EV. BULB. OBTAIN SOIL AND WATER SAMPLES. DESTROYED SAME DAY.

DEPTH (FT)	SAMPLE No.	PPM TVO VAPOR	CORE DESCRPTION	GRAPHIC LOG	REMARKS
		0.1	Clay, brown, silty, no odor. (CH-ML)		
1'					
		0.1			
2'					
			Clay, dark brown, silty, with white qtz pebbles, no odor. (CH-ML)		
▼ 3'	▮ 3976-1	0.1			3976-1W grab water sample (3'-5.5')
		0.1			
4'			Clay conglomerate, dark brown, silty, varigated pebbles, hard, no odor. (CH-ML)		
		0.1			
5'					
6'					
7'					
8'					
9'					
10'					
			TOTAL DEPTH CORED 5.5 FEET Boring destroyed by 5 sack mix neat ~~with 5% bentonite from total depth to~~ 2 feet of surface, then backfilled with native soil to surface.		

Western Geo-Engineers

BORING: 3984
DATE DRILLED: 11/27/2006

▮ SAMPLE INTERVAL
▼ WATER

BORE HOLE LOG

PROJECT: DP793	GEOLOGIST: GEORGE CONVERSE	SURFACE ELEVATION:
LOCATION: 4035 PARK BLVD. OAKLAND, CA	DRILLER: Gerardo Gutierrez	TOTAL DEPTH: 5.0 FT
DRILLING CONTRACTOR: RSI Drilling (C57-802334)	DEPTH TO WATER: 3.5 feet	CASING: None

REMARKS: HAND AUGER WITH 4 INCH DIAMETER BUCKET TO 2 FEET BELOW TOP OF GROUNDWATER.. AIR MONITORING WITH PID 10.6 EV. BULB. OBTAIN SOIL AND WATER SAMPLES. DESTROYED SAME DAY.

DEPTH (FT)	SAMPLE No.	PPM TVO VAPOR	CORE DESCRPTION	GRAPHIC LOG	REMARKS
1'		0.0	Clay, brown, silty, no odor. (CH-ML)		
2'		0.1			
3'		0.1	Clay, md gray, silty, sticky, no odor. (CH-ML)		
▼ 4'	▮ 3984-1	0.4	Clay, md brown, silty, no odor. (CH-ML)		3984-1W grab water sample (3.5'-5')
5'		0.1			
6'					
7'					
8'					
9'					
10'			TOTAL DEPTH CORED 5.0 FEET Boring destroyed by 5 sack mix neat ~~with 5% bentonite from total depth to~~ 2.5 feet of surface, then backfilled with native soil to surface.		

Western Geo-Engineers

BORING: 3990
DATE DRILLED: 11/27/2006

▮ SAMPLE INTERVAL
▼ WATER

BORE HOLE LOG

PROJECT: DP793	GEOLOGIST: GEORGE CONVERSE	SURFACE ELEVATION:
LOCATION: 4035 PARK BLVD. OAKLAND, CA	DRILLER: Gerardo Gutierrez	TOTAL DEPTH: 10.5 FT
DRILLING CONTRACTOR: RSI Drilling (C57-802334)	DEPTH TO WATER: 9.2 feet	CASING: None

REMARKS: HAND AUGER WITH 4 INCH DIAMETER BUCKET TO 2 FEET BELOW TOP OF GROUNDWATER.. AIR MONITORING WITH PID 10.6 EV. BULB. OBTAIN SOIL AND WATER SAMPLES. DESTROYED SAME DAY

DEPTH (FT)	SAMPLE No.	PPM TVO VAPOR	CORE DESCRPTION	GRAPHIC LOG	REMARKS
		0.0	Clay, brown, silty, no odor. (CH-ML)		
1'					
		0.1			
2'					
		0.1			
3'					
		0.1	Clay, brown, silty, firm with occ sbrd pebble. No odor. (CH-ML)		
4'					
		0.1	Clay, md brown, silty, w/ occ orange oxidation streaks. No odor. (CH-ML)		
5'					
		0.1			
6'					
		0.1			
7'					
		0.1			
8'					
		0.1			
▼9' ■	3990-1				3990-1W grab water sample (9.2'-10.5')
		0.1			water rose to 7.0'
10'					
			TOTAL DEPTH CORED 10.5 FEET		
			Boring destroyed by 5 sack mix neat with 5% bentonite from total depth to 4 feet of surface, then backfilled with native soil to surface.		

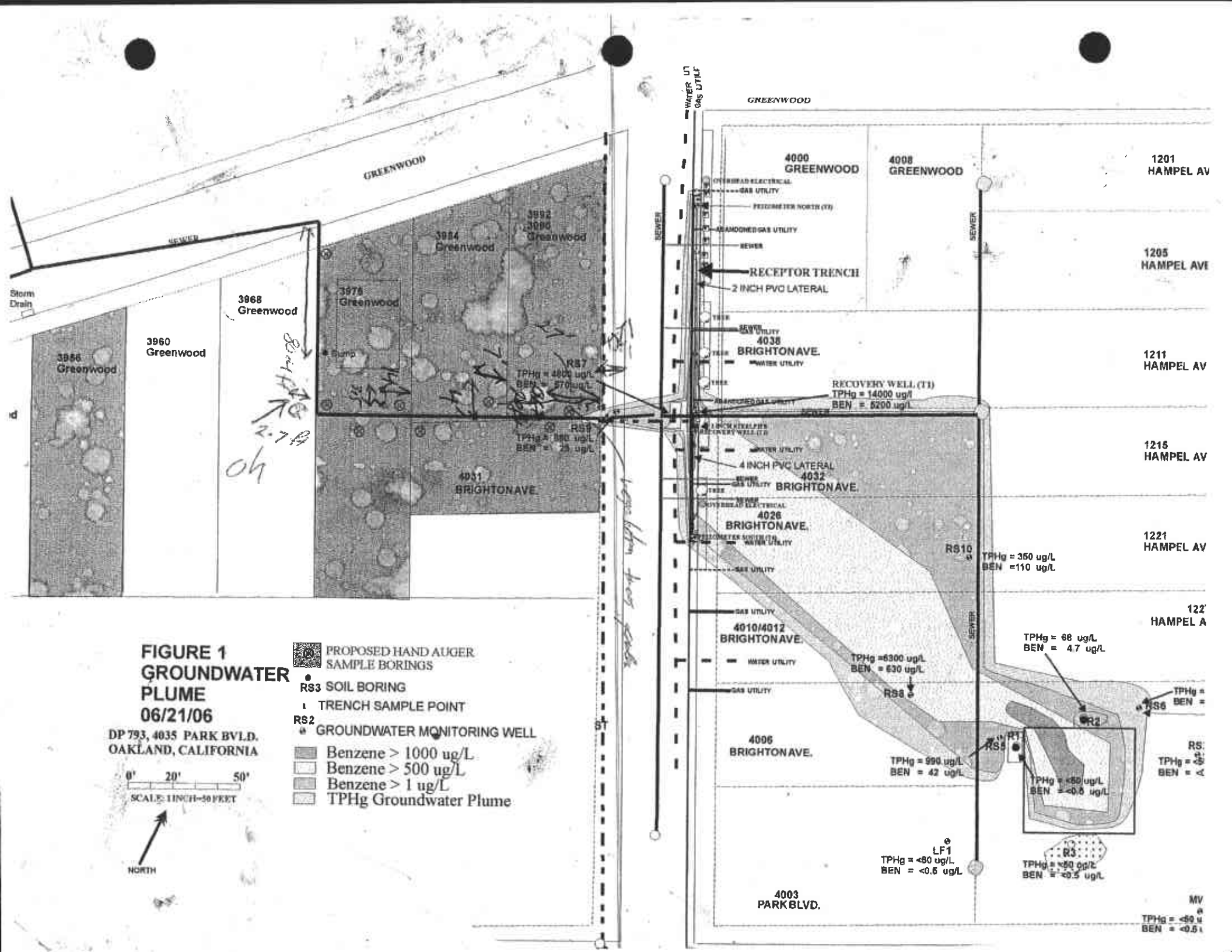


FIGURE 1
GROUNDWATER PLUME
06/21/06

DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

0' 20' 50'
SCALE: 1INCH=50 FEET

NORTH

PROPOSED HAND AUGER SAMPLE BORINGS
RS3 SOIL BORING
TRENCH SAMPLE POINT
RS2 GROUNDWATER MONITORING WELL
Benzene > 1000 ug/L
Benzene > 500 ug/L
Benzene > 1 ug/L
TPHg Groundwater Plume

Main Office
220 N. East St.
Woodland, CA 95776
Ph:(530) 668-2424
Fx: (530) 668-2429

RSI DRILLING
RSIdrilling.com

Branch Location Ph #'s
Los Angeles: 714-778-2424
Oakland: 510-532-2424
Reno: 775-832-2020

Woodland office:

Branch E-mails
Jerry@RSIdrilling.com
Jamshid@RSIdrilling.com
Derrik@RSIdrilling.com

Tuan@RSIdrilling.com
Brianna@RSIdrilling.com

JOB COST PROPOSAL

Project Name	Client
	Western Geo Engineers
Project Location	**Address**
4035 Park Blvd., Oakland, CA	1386 E. Beamer Street
Client Project Manager	**City** / **State, Zip**
George Converse, Ph. 530-668-5300	Woodland, CA 95776
RSI Operations Manager	**Attention**
Tuan Nguyen	George Converse
RSI Project Number / **Client Project Number**	**Est. Date of Service**
50468	
Drilling Method	**Estimator**
Pressure Grout / Overdrill / Hand Auger	Jamshid Kekobad
Scope of Work:	**Date**
1. Pressure grout 1 (2") well to 25' and 2 (4") wells to 30' and 35' respectively.	11/3/2006
2. Remove traffic box and concrete pad. Overdrill casing and cement to 4' using 10" augers.	**Estimated # Days**
3. Hand Auger 6 borings to 10'. Collect water samples from each boring.	
4. Grout upon completion.	1-1.5

Comment Code: E=Estimated Quantity, CS=Contractor Supplied, F=Fixed Quantity, LS=Lump Sum, O = Other - see below

Billable Items						
Line Item	Description	Unit	Price/ Unit	Qty.	Comments	Total Cost
1.0	Mobilization/demobilization	HR	$125.00	3	F	$375.00
2.0	Geoprobe 6600 DT Tracked DPT/HSA combo rig	DAY	$1,975.00	0	E	$0.00
3.0	Geoprobe 6600 Truck 4X4	DAY	$1,850.00	0	E	$0.00
4.0	Geoprobe 5400 Truck/Limited access (1-man crew)*	DAY	$1,300.00	0	E	$0.00
5.0	AMS Power Probe 9630 DPT/HSA combo rig	DAY	$2,350.00	1	E	$2,350.00
6.0	AMS Power Probe 9600 DPT/HSA combo rig	DAY	$1,750.00	0	E	$0.00
7.0	Additional crew member	DAY	$450.00	0	E	$0.00
8.0	Overtime (time exceeding 10-hrs)	HR	$225.00	0	E	$0.00
9.0	PVC for water sampling	FT	$3.50	60	E	$210.00
10.0	Disposable Bailers	EA	$10.00	6	E	$60.00
11.0	MacroCore liners	FT	$1.00	0	E	$0.00
12.0	Dual-tube liners	FT	$2.50	0	E	$0.00
13.0	Peristaltic Pump	DAY	$75.00	0	E	$0.00
14.0	Tubing for water sampling	FT	$0.50	0	E	$0.00
15.0	Borehole abandonment (up to 2.5" borehole)	FT	$1.00	85	E	$85.00
16.0	Borehole abandonment (for 4" well)	FT	$3.00	65	E	$195.00
17.0	Steam Cleaner	DAY	$95.00	0	E	$0.00
18.0	55-gallon drums	EA	$50.00	3	E	$150.00
19.0	Concrete coring (up to 6")	EA	$65.00	0	E	$0.00
20.0	Concrete coring (6"-18")	INCH	$9.00	0	E	$0.00
21.0	Per diem (3-man crew)	DAY	$330.00	0	E	$0.00
					Total	**$3,425.00**

COMMENTS:

1.0 Client will stake/mark access boring locations.
2.0 Client to be responsible for all permits and fees.
3.0 Client responsible for waste disposal.
Assumes 10-hour field day (1/2-day and 8-hr pricing available)
Rig prices include 2-man crew unless noted
Limited access rig typically requires 3-man crew

Subsurface conditions: Silt / Clay
Surface conditions: Soil

Terms: Net 30 Days

Name **Signature** **Title** **Date**

Please sign and fax back to: 530 668-2429 Attn: Tuan Nguyen or Brianna Widener

11/27/06

Diameter		DTW	Well Cap Bot	Bottom Surface	Time	feet cut
2"	MW-1	12.87	14.5	20.0	0830	6.63'
4"	RS-2	11.83	18.84	19.20	08:37	7.01'
4"	RS-6	15.70	34.20	34.80	08:50	18.90'

Hand Auger 4" diameter

3990-1

Clayey silty loam brown

2 ft silty clay brown

3 ft clay brown ... gravel

4 ft clay ... brown silty ... PID = 0

9.2 ft

Sample 3990-1 @ 8.9-9.2

PID = ... 7 feet

10.5 ft

Backfill 4 ... clean cut

3984-1

planter soil clayey silty loam PID = 0

2 ft silty clay clay shale PID = 0.4

3.5' Soil from 3.2-3.5'

4.0 clay silty mottled brown

Backfill ... clean cut

3978

Soil clay silty mottled brown PID 0.0

2.0 clay ... shale pebbles

Sample 3978-1 2.7-3.0 ft

3.0

3.5 red brown clay conglomerate

5.5 ft TD

Backfill 4 ... to clean cut

3968

Clayey soil PID = 0.0

3968-1 1.5-2.0 ft

2.0

3.2 red brown clay conglomerate

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. ____________

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse	California EDF Report? [X] Yes [ ] No
Company / Address: WEGE / 1386 E Beamer St, Woodland, CA	Sampling Company Log Code:
Phone #: 530 668 5300 / Fax #:	Global ID:
Project #: DP 793 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: DP 793 - Background	Sampler Signature: G Converse
Project Address: Oakland	

Container columns: 40 ml VOA, Sleeve, Poly, Glass, Tedlar. Preservative: HCl, HNO_3, None, Ice. Matrix: Water, Soil, Air.

Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb; MTBE (EPA 8260B) @ 0.5 ppb; BTEX (EPA 8260B); TPH Gas (EPA 8260B); 5 Oxygenates (EPA 8260B); 7 Oxygenates (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); Total Lead (EPA 6010); W.E.T. Lead (STLC)

TAT: [ ] 12 hr [ ] 24 hr [ ] 48 hr [ ] 72 hr [X] 1 wk — For Lab Use Only

Sample Designation	Date	Time	40 ml VOA	Glass	HCl	Ice	Water	Soil	MTBE @ 0.5 ppb	BTEX	TPH Gas	TAT
3968-1	11/27/06	1330		X		X		X	X	X	X	1 wk
3976-1	(	1155		X		X		X	X	X	X	(
3984-1		1100		X		X		X	X	X	X	
~~358~~ 3990-1	)	1000		X		X		X	X	X	X	)
3968-1W	11/27/06	1400	3		X	X	X		X	X	X	1 wk
3976-1W	(	1305	3		X	X	X		X	X	X	(
3984-1W		1255	3		X	X	X		X	X	X	
3990-1W		1240	3		X	X	X		X	X	X	
3976-Samp	)	1350	3		X	X	X		X	X	X	)

Relinquished by	Date	Time	Received by
G Converse	11/28/06	0925	
	112806	0925	Received by Laboratory: Michele Spencer, Kiff Analytical

Remarks:

Bill to: Wege

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

220 N. East Street
Woodland, CA 95776
RSIdrilling.com

RSI DRILLING
RSIdrilling.com

Ph: (530) 668-2424
Fx: (530) 668-2429
Derrik@RSIdrilling.com

Daily Log

Client: Western Geo Engineers. Location: 4035 Park Blvd. Oakland ca. Date: 11-27-06

Client#: GEORGE COURSE Equip. #'s: 190-338-490 Project #: 50468

Start	End	Description
5:30	8:00	Mob. from Woodland ca TO Job site Oakland ca
8:00	8:30	Safety Mitin and set up
8:30	10.00	Pressure grout 1 (4") well TO 20' and 2 (4") wells 20.50 and 34.50
10:00	12:30	Remove Well boxes. Overdrill casing and cement TO 4' using 10" augers
12:30	13:00	Lunch
13:00	13:30	Decon. augers. Hand Auger.
13:30	14:00	Hand Auger 4 additional boring TO 1) 11', 2) 5', 3) 5' FT, 4) 5' FT, and Drop PVC 3/4" and each boring, from collect Water Samples.
14:00	14:30	clean up, set up Decon
14:30	15:30	grout up TO boring. Hand Auger 26' FT TOTAL
15:30	18:00	mob. from Job site TO Woodland and Alameda

Total Hrs: 12.30

Total # HSA Borings:	3	Ft 12'	Operator:	GERARDO GUTIERREZ	# Hrs: 11:30
Total # DPT Borings:	3 Hand Auger	Ft 26' FT.	Tech1:	Marcos Rodriguez	# Hrs: 11:30
			Tech2:	RUBEN MORENO	# Hrs: 12.30
			Tech3:		# Hrs:

Materials Used:

PVC Blank:	Size 3/4	Ft 25'	Drums:	Qty	
PVC Screen:	Size 3/4	Ft 20'	Steam Cleaner:	(Yes)	No
Bailers:	Qty		Dual Tube Liners:		Ft
Well Boxes:	Size	Qty	Macro Core Liners:		Ft
Sand Bags:	Type	Qty	Rental Equipment:		
Cement Bags:	Type 47LBS	Qty 18			
Bentonite Bags:	Type	Qty			
Peristaltic Pump:	Yes	No			
Concrete Coring:					

Comments and Additional Materials:

(Use back for additional comments)

RSI Tech: GERARDO GUTIERREZ Client Rep:

FAX THIS FORM TO THE OFFICE DAILY

SIEMENS

Water Technologies

Environmental Services
6611 San Leandro St.
Oakland, CA 94621
(T) 510-639-7274
(F) 510-639-7762
www.usfilter.com

To: George Converse	**Company: Western Geo Engineers**
Fax: 530-662-0273	**Phone:**
From: *Katie Carter*	**Date: 11/29/06**
Total Pages: 4	
Subject: Analytical & Profile Form	

MESSAGE:

Attached are your analytical results and profile form. Please fill out the profile form and fax it back to me at 510-639-7762.

If you have any questions, please call me at 510-639-7274. ext 100

Thanks,

Katie

W10257 AC-1

remove carbon afternoon 12/30/07

-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

FAX COVER SHEET

FROM: George Converse **DATE:** 1-24-07

TO: Katie Carter **FAX #:** (510) 639-7762

Total pages including this page: 4

Trouble with transmission or reception, please call (530) 668-5300.

Siemens Water Technologies

Arizona Facility: 2523 Mutahar Street • P.O. Box 3308 • Parker, AZ 85344
(928) 669-5758 • FAX (928) 669-5775 EPA ID: AZD 982 441 263
California Facility: 11711 Reading Road • Red Bluff, CA 96080
(530) 527-2664 • FAX (530) 527-0544 EPA ID: CAR 000 058 784

SPENT CARBON PROFILE FORM

GENERATOR INFORMATION

1. a) Generator: Desert Petroleum
   Mailing Address: 3281 Telegraph, Ventura, CA 93993
   b) Site: DP793
   Address: 4035 Park Blvd., Oakland, CA 94602
   c) Contact Name: William Thompson
   d) EPA ID#:
   e) Phone No: (805) 654-8084
   f) Fax No: (805) 654-0720

CONSULTANT INFORMATION

2. a) Consultant: Western Geo-Engineers
   Mailing Address: 1386 E. Beamer St, Woodland, CA 95776
   b) Contact: George Converse
   c) Phone: (530) 668-5300
   d) Fax: (530) 662-0273
   e) Email: wege@cal.net

PROPERTIES AND COMPOSITION OF THE SPENT CARBON

3. Provide a specific description of the process generating the spent carbon including constituents being treated.
(Please note if application is for potable water or food processing)

Groundwater contaminated with gasoline range hydrocarbons are pumped from select wells through the carbon units and then discharged to sewer

4. If this is a Renewal, Provide the Existing Profile Approval Number: W10257 AC-1

5. Type of Spent Carbon: ☒ Aqueous ☐ Vapor
6. Foreign Material (rocks, dirt, sand, etc.): ☐ Yes ☒ No
7. Handling: ☐ Bulk ☒ Drum ☐ Adsorber ☐ Bulk Bag ☐ Other
8. Free Liquid Range: ☐ 0 ☒ 1 – 15%
9. Liquid Flashpoint: ☐ < 140°F ☒ >140°F ☐ N/A Vapor
10. pH Range: ☐ <2 ☐ 2-4 ☒ 4.1-10.5 ☐ >10.5
11. Strong Odor? ☐ Yes ☒ No If yes, please Describe
12. Is spent carbon generated from a Superfund Site? ☐ Yes ☒ No
13. Is Spent Carbon Generated at a Subpart FF Facility? (Benzene NESHAP) ☐ Yes ☒ No
14. Does the waste contain benzene which is required to be managed and treated in accordance with the provisions of Subpart FF (40 CFR 61.342(f)(2)? ☐ Yes ☒ No
Note: If yes, total benzene analysis is also required.

15. DOES THE SPENT CARBON CONTAIN ANY OF THE FOLLOWING

A. Polychlorinated Biphenyls (PCBs)	☐ Yes	☒ No
B. Dioxins and/or Furans	☐ Yes	☒ No
C. Dibromochloropropane (DBCP)	☐ Yes	☒ No
D. Sulfide or Cyanide	☐ Yes	☒ No
E. Explosive, Pyrophoric and/or Radioactive material	☐ Yes	☒ No
F. Infectious material	☐ Yes	☒ No
G. Shock Sensitive material	☐ Yes	☒ No
H. Oxidizer	☐ Yes	☒ No
I. Heavy Metals	☐ Yes	☐ No

GENERATOR CLASSIFICATION

16. Is the Spent Carbon a **RCRA** Hazardous Waste? ☐ Yes ☒ No
If yes, list waste code(s) below:
RCRA Hazardous Waste requires "11 RCRA" Analysis

_____ _____ _____ _____

_____ _____ _____ _____

17. Is the Spent Carbon a **State** Hazardous Waste? ☐ Yes ☒ No
If yes, list waste code(s) below:

_____ _____ _____ _____

_____ _____ _____ _____

18. Is this Waste Subject to the Land Disposal Restriction Notification? ☐ Yes ☒ No

19. Estimated Annual Carbon Usage: 2001bs annually

GENERATOR CERTIFICATION

I hereby certify that all information on this and all attached documents are true and that this information accurately describes the subject spent carbon. I further certify that all samples and analyses submitted are representative of the subject spent carbon in accordance with the procedures established in 40 CFR 261 Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize Siemens Water Technologies to obtain a sample from any waste shipment for purposes of confirmation or further investigation. If I am a consultant signing on behalf of the generator, I have their proper approval.

George Converse
Printed Name

George Converse
Signature

V.P. Operations, Western Geo-Engineers
Title

1/23/07
Date

For Internal Use Only:

Profile Approval Number

Valid Through

SIEMENS

Water Technologies

Carbon Activated Laboratory
5375 South Boyle Avenue
Los Angeles, CA 90058
TELEPHONE 323.277.3084
FACSIMILE 323.277.3080

ANALYTICAL REPORT

Customer:	Desert Petroleum	Lab I.D. #:	23268
C/o:	Western Geo Eng	Date Reported:	11/22/06
Address:	4035 Park Blvd Oakland , CA 94602	Date Sampled:	11/17/06
		Date Received:	11/21/06
WES Contact:	Oakland sales	Date Analyzed:	11/22/06
Sampler:	Anthony Falcon	Date Extracted:	11/21/06

EPA METHOD 1311 AND 8260
VOLATILE ORGANIC COMPOUNDS

Compound	cas #	Concentration (mg/L) ppm in TCLP extract	Limit of detection (mg/L)	TCLP limits (mg/L)
Vinyl Chloride	75-01-4	<0.03	0.03	0.2
1,1-Dichloroethene	75-35-4	<0.005	0.005	0.7
Chloroform	67-66-3	<0.005	0.005	6.0
1,2-Dichloroethane	107-06-2	<0.005	0.005	0.5
Methyl Ethyl Ketone Butanone	78-93-3	<0.50	0.50	200
Carbon Tetrachloride	56-23-5	<0.010	0.010	0.5
Trichloroethene	79-01-6	<0.005	0.005	0.5
Benzene	71-43-2	<0.005	0.005	0.5
Tetrachloroethene	127-18-4	<0.005	0.005	0.7
Chlorobenzene	108-90-7	<0.005	0.005	100

The volatile organic analyses was extracted using a Zero Headspace Toxicity Characteristic Leaching Procedure (TCLP). The leachate was prepared according to the procedure as listed in the 40CFR Part 261, et al., and Federal Register , March 29, 1990 and June 29, 1990 .

A sample is considered to have failed the volatile TCLP test and is considered a hazardous waste if any of the volatile compounds exceed the maxima limits as listed in the last column. These limits have been taken from the March 29, Federal Register , pp 11845-6.

Respectfully submitted,

Margaret Jefferson

Margaret Jefferson
Laboratory Manager

SELF MONITORING REMINDER NOTICE

EAST BAY
MUNICIPAL UTILITY DISTRICT

DAVID R. WILLIAMS
DIRECTOR OF WASTEWATER

November 1, 2006

Mr. George Converse
Desert Petroleum, Inc.
1386 E. Beamer Street
Woodland, CA 95776

Dear Mr. Converse:

Re: Wastewater Discharge Permit No. 50435501

Desert Petroleum, Inc. is required to obtain a wastewater sample on **one** representative working day(s) during the week of December 31, 2006. The self-monitoring report for this sample is due by January 31, 2007. The parameters required to be analyzed from Sample Location PSP 1 are:

M+P XYLENES , ETHYL BENZENE , TOLUENE , BENZENE , O-XYLENE

A complete self monitoring report will contain the laboratory results, chain of custody and any specific information required by the subject Permit. Details concerning these items can be found in the Permit. The self monitoring report transmittal letter must contain the proper certification statement and be signed by an authorized person.

When test results indicate a violation of any discharge limitation, the District shall be notified within 24 hours from the time a violation is discovered. A written statement indicating the cause of the violation and the timing for corrective actions shall be submitted with the test results. A violation follow-up fee may be assessed for samples in violation of limitations, late or incomplete reports, or for failure to submit results.

Sincerely,

JEN JACKSON
Wastewater Control Representative

JJ:jj

P.O. BOX 24055 . OAKLAND . CA 94623-1055 . (510) 287-1405

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To):	California EDF Report? ☒ Yes ☐ No
Company / Address:	Sampling Company Log Code:
Phone #: / Fax #:	Global ID:
Project #: / P.O. #:	EDF Deliverable To (Email Address):
Project Name:	Sampler Signature:
Project Address:	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air
Sewer Discharge	12/8/06	1215	3					X			X	X		

Analysis Request

MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (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)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				
	X	X	X														

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

For Lab Use Only

Relinquished by:	Date	Time	Received by:
	12/8/06	1615	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	12/8/06	1849	Kiff Analytical

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
9.9		12/8/06	1849	IR-7	Yes / No

Distribution: White - Lab; Pink - Originator

KIFF Analytical LLC

Report Number : 54105
Date : 1/2/2007

Subject : 1 Water Sample
Project Name : DP793-Sewer
Project Number : DP793

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample Sewer Discharge for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 54105

Date : 1/2/2007

Project Name : **DP793-Sewer**

Project Number : **DP793**

Sample : **Sewer Discharge** Matrix : Water Lab Number : 54105-01

Sample Date :12/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/29/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/29/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	12/29/2006
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	12/29/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54105

Date : 1/2/2007

QC Report : Method Blank Data

Project Name : **DP793-Sewer**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/28/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/28/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/28/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/28/2006
Toluene - d8 (Surr)	99.9		%	EPA 8260B	12/28/2006
4-Bromofluorobenzene (Surr)	97.4		%	EPA 8260B	12/28/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By: Joel Kiff

Report Number : 54105

Date : 1/2/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793-Sewer**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	54083-01	<0.50	40.0	40.0	40.1	39.5	ug/L	EPA 8260B	12/28/06	100	98.8	1.52	70-130	25
Toluene	54083-01	<0.50	40.0	40.0	39.9	38.9	ug/L	EPA 8260B	12/28/06	99.8	97.2	2.67	70-130	25
Tert-Butanol	54083-01	17	200	200	212	211	ug/L	EPA 8260B	12/28/06	97.3	97.0	0.328	70-130	25
Methyl-t-Butyl Ether	54083-01	640	40.0	40.0	827	776	ug/L	EPA 8260B	12/28/06	472	347	30.7	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 54105

Date : 1/2/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793-Sewer**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/28/06	96.4	70-130
Toluene	40.0	ug/L	EPA 8260B	12/28/06	97.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/28/06	93.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/28/06	90.6	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 54105

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Greg Concotta	California EDF Report? ☒ Yes ☐ No
Company / Address: 1386 E Beamer St Woodland CA 95776 WEGE	Sampling Company Log Code:
Phone #: 530 668 5200 / Fax #:	Global ID:
Project #: DP 793 / P.O. #:	EDF Deliverable To (Email Address):
Project Name: DP 793 - Sewer	Sampler Signature:
Project Address: Oakland	

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Matrix: Water	Matrix: Soil	Matrix: Air	Analysis Request: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	Analysis Request: MTBE (EPA 8260B) @ 0.5 ppb	Analysis Request: BTEX (EPA 8260B)	Analysis Request: TPH Gas (EPA 8260B)	Analysis Request: 5 Oxygenates (EPA 8260B)	Analysis Request: 7 Oxygenates (EPA 8260B)	Analysis Request: Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Volatile Organics Full List (EPA 8260B)	Analysis Request: Volatile Organics (EPA 524.2 Drinking Water)	Analysis Request: TPH as Diesel (EPA 8015M)	Analysis Request: TPH as Motor Oil (EPA 8015M)	Analysis Request: Total Lead (EPA 6010)	Analysis Request: W.E.T. Lead (STLC)	TAT	For Lab Use Only
Sewer Discharge	12/28/06	1245	3					X			X	X				X	X	X											☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1wk	9

Relinquished by:	Date	Time	Received by:
	12/28/06	1638	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	122806	1644	Kiff Analytical

Remarks:

Bill to: Wege

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
9.4	AM	122806	1644	IR-4	(Yes) / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

SIEMENS

2523 Mutahar Street - Box 3308 Parker, AZ 85344 AZD 982 441 263
11711 Reading Road Red Bluff, CA 96080 CAR 000 058 784

January 24, 2007

Consultant:

George Converse
Western Geo Engineers
Phone: (530) 668-5300
FAX: (530) 662-0273

Generator Mailing Address:

(805) 654-8084
Desert Petroleum
3781 Telegraph
Ventura, CA 93993-

The following Spent Carbon Profile has been approved for acceptance at Siemens Water Technologies:

Generator:	Desert Petroleum
EPA ID:	n/a
Site Address:	DP 793: 4035 Park Blvd. Oakland, CA 94602-
Waste Codes:	None No Waste Codes Per Generator
Carbon Type:	Aqueous
PH Range:	4.1 to 10.5
FL Range:	1 to 15
Profile Number:	W10257AC-2
Valid Through:	1/24/2009

Please feel free to call the undersigned at (928) 669-5758 if you have any questions.

Sincerely,

Deborah Foster

Deborah Foster
Profiling Chemist

Siemens Water Technologies has all the necessary permits and licenses for the waste that has been characterized and identified by this profile.