DESERT PETROLEUM INC.

Mr. Jerry Wickham
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
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October 6, 2010

RE: The following report documents the "September 2010 Semi Annual Groundwater Sampling Report, Former Desert Petroleum Site DP793" dated September 28, 2010, documents groundwater monitor well samplings that occurred on September 16, 2010 at DP 793, 4035 Park Blvd., Oakland, California 94602.

Dear Mr. Wickham:

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

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

Sincerely,

William Thompson, Desert Petroleum, Inc.

10/7/10
Date

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

SEPTEMBER 2010
SEMI ANNUAL
GROUNDWATER SAMPLING REPORT

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

FOR

DESERT PETROLEUM

September 28, 2010

BY

-WEGE-
WESTERN GEO-ENGINEERS
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Mr. Bill Thompson
Desert Petroleum
3781 Telegraph Road
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(805) 644-6784 FAX (805) 654-0720

September 28, 2010

Dear Mr. Thompson:

The following report documents the September 2010 Semi Annual sampling at DP793, 4035 Park Blvd., Oakland, California.

1.0 SITE LOCATION AND IDENTIFICATION NUMBERS

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

East Bay Municipal Utility District - Sewer Discharge Permit #50435501, suspended (6/30/10)
Alameda County Local Oversight STID 1248
San Francisco Bay Regional Board (Region 2) Case # 01-0170
Facility/Leak Site ID# T0600100158

2.0 SITE INVESTIGATION/REMEDIATION CHRONOLOGY

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

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

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

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

October 5, 2007	Signed Proposal and Contract Agreement to connect intercept trench
December 18, 2007	Performed 1/4ly well samplings
February 28, 2008	Turned off groundwater pump and treatment system, pinhole leak in #1 water carbon.
March 3, 2008	Removed #1 water carbon, set-up #2 water carbon into #1 position and newly delivered water carbon into #2 position. Restarted groundwater pump and treatment system.
March 12, 2008	Cleaned and inspected RS5 pump, Performed 1/4ly well sampling
June 25, 2008	Obtained sewer discharge sample with EBMUD, monitored and sampled groundwater wells for 2nd ¼ 2008 monitoring report.
September 17, 2008	Performed 1/4ly sampling of wells.
September 25, 2008	Pulled pump from RS05, needed extensive cleaning and service.
October 10, 2008	Reinstalled pump into RS05.
February 26, 2009	Clean #1 water carbon unit of bio film.
June 19, 2009	Obtained sewer discharge sample with EBMUD. Pulled pump from RS5, needed extensive cleaning and service.
September 1, 2009	Reinstalled pump into RS05
September 9, 2009	Receive/install new water carbon unit. Semi-Annual well samples.
December 19, 2009	Obtained sewer discharge sample as per EBMUD requirements.
March 24, 2010	Obtained semiannual monitor well samples.
June 30, 2010	Obtained sewer discharge sample and suspend sewer discharge. Removed groundwater pump from RS05 and pump controller. Pump needs cleaning.
September 16, 2010	Obtained semiannual monitor well samples.

3.0 LOCAL GEOLOGY

3.1 Geomorphology

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

3.2 Stratigraphy

Station Property

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

Backyard Sewer Lateral Route

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

Brighton Avenue

Construction of the receptor trench along the eastern curb area of Brighton Avenue revealed two separate sequences of lithology. North of the storm drain catch basin the sequence consists of; clay to the four foot depth, silty clay to the seven foot depth, fine silty sand to the 9 foot depth, medium sand to the 10 foot depth, silty clay to the 11 ½ foot depth, gravel to the 12 foot depth underlain by clay to the 16 foot depth. South of the storm catch basin is a sequence of silty clays and clays to depth.

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

4.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on September 16, 2010. Samples were analyzed for Total Petroleum Hydrocarbons as gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, the fuel oxygenant Methyl tert-Butal Alcohol (MtBE) using EPA method 8260B, see Table 1. Figure 3 shows the positions of the groundwater monitoring wells, the receptor trench and previous sample locations.

4.1 Depth to Water Measurements

On September 16, 2010 depth to water was measured at each well using a product/water interface probe. Measurements are referenced to the surveyed elevation at the top of casing at each well. Table 1 shows the elevation of groundwater with respect to mean sea level for all wells through September 16, 2010.

5.0 RESULTS OF GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4 shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on September 16, 2010, 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 RS05 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 RS05 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. To evaluate the groundwater conditions without pumping from RS05, the pump was removed on June 30, 2010, prior to the need

of re-issuing the EBMUD sewer discharge permit. Table 1and Appendix B shows the groundwater elevations for the wells during the assessment of this site.

The current, non pumping influence, flow direction is to the west northwest. The hydraulic gradient averages 0.072 feet/linear foot down gradient from well RS10 to the intercept trench well T1. The present flow direction and hydraulic gradient are consistent with previous determinations by WEGE. Well LF1 has been removed by the property owner and is no longer available for sampling and/or depth to water measurements. Previous depth to water measurements showed that the groundwater gradient has a steep slope that extends south of RS05 and RS08 out to well LF1. This Northwest lineation is seen in previous groundwater gradient determinations and could be continuous to the change in lithology noted during the excavation of the intercept trench. The excavation south of T1 contained clay and the area north of T1 contained sands.

5.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on September 16, 2010 are shown in Table 1. Groundwater samples were obtained from monitor wells R1, R2, R3, RS05, RS07, RS08, RS09 and RS10, along with trench well T1.

Total Petroleum Hydrocarbons - gasoline

Total Petroleum Hydrocarbons-gasoline range (TPHg) has a laboratory lower detection limit (LLDL) of 50 ug/L TPH-G concentrations above the LLDL were found in water samples from monitor wells R2, RS05 RS07, RS08, RS09 and the receptor trench well (T1) ranged from 17000 ug/L at well RS08, to 53 ug/L at well RS10. Wells R1 and R3 were below LLDL, see Figure 5 and Appendix C – Laboratory Report.

Benzene

Benzene has a LLDL of 0.5 ug/L. The recommended CPHG (California Public Health Goal) for Benzene is 1.5 ug/L. Benzene concentrations were found in wells; R2 at 0.68 ug/K, RS05 at 110 ug/L, trench well T1 at 5100 ug/L, RS07 at 490 ug/L, RS08 at 260 ug/L, RS09 at 410 ug/L and RS10 at 4.4 ug/L. R1 and R3 were below laboratory lower detection limits of 0.5 ug/L, see Figure 5 and Appendix C - Laboratory Report.

MtBE

MtBE has a LLDL of 0.5 ug/L. The recommended CPHG for MtBE is 13 ug/L. Analytical results for Fuel Oxygenant MtBE were below laboratory lower detection limits in wells R1, R2, R3, RS05, RS08 and RS10 at 0.5 ug/L. Wells T1 also tested below laboratory lower detection limits of 15

ug/L. RS07 contained 3.5 ug/L and RS09 contained 1.6 ug/L, see Figure 6 and Appendix C – Laboratory Report.

Toluene

Toluene has a LLDL of 0.5 ug/L. The recommended CPHG for toluene is 150 ug/L. Toluene was detected in wells RS05, RS07, RS08, RS09, RS10 and T1, ranging from a low of 2.5 ug/L at well RS09 to a high of 140 ug/L at well RS08.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. The recommended CPHG for Ethylbenzene is 300 ug/L. Ethylbenzene was detected in wells RS05, RS07, RS08, RS09, RS10 and T1, ranging from a low of 0.8 ug/L at well RS10 to a high of 240 ug/L at well RS08.

Xylenes

Xylenes have a LLDL of 0.5 ug/L. The recommended CPHG for Xylenes is 1800 ug/L. Xylenes were detected in wells RS05, RS07, RS08, RS09, RS10 and T1, ranging from a low of 1.4 ug/L at well RS10 to a high of 1600 ug/L at well RS08, see Table 1 and Appendix C - Laboratory Report.

6.0 PURGING OF RECEPTOR TRENCH

The last purging of the receptor (intercept) trench occurred on June 30, 2004. A total of 93,553 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 RS05

On February 15, 2001 a submersible pump with a pump bypass was placed into RS05. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS-5 for one week. 3223 gallons were pumped from RS05 through the two, in series, water carbon units and discharged to the sewer. On February 22, 2001 the pump was inspected and showed a slimy growth covering the pump and discharge line that was below the water level. The pump was cleaned and placed back into RS05 and continued to discharge from RS05 through the water carbon units to sewer until July 19, 2001. On July 19, 2001 Desert Petroleum requested suspension of further pumping at the site. The pump was removed and the site secured. From February 15 through July 19, 2001, 78,919 gallons of gasoline contaminated groundwater was recovered from RS05 and treated through carbon before being discharged to the sewer. Pumping from RS05 was resumed on March 21, 2002. The pumping system was turned off on February 28, 2008 due to the discovery of a pin hole leak in the #1 water carbon unit. The system was not restarted until a replacement water carbon unit was installed, March 6, 2008. During the weekly site visit on June 23, 2010 a pin hole leak in the #1 water carbon unit was discovered, the system was turned off and the carbon was removed. A site visit was conducted on June 30, 2010 to remove the pump from RS05 for inspection and cleaning and to obtain a discharge sample prior to suspension of the sewer discharge permit. As of June 30, 2010, 1,714,572 gallons of groundwater have been discharged to the sewer of which 1,621,019 gallons was 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 RS05 has lowered the groundwater at this well by at least 12 feet, when compared to non pumping water measurements, see Charts - Appendix B. This creates a cone of influence out to offsite wells RS08 and RS10.

8.0 FREE PHASE FLOATING PRODUCT REMOVAL

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

9.0 SUMMARY

The lowest hydrocarbon concentrations were observed May 31, 2001 while the weekly pumping of the trench well and the continuous pumping of RS05 were occurring; pumping from RS05 was discontinued between June 19, 2001 and March 21, 2002 and on June 30, 2010. The most recent sampling, September 16, 2010 shows a slight increase in hydrocarbons, see Table 1 and Charts in Appendix B.

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

Soil core samples obtained from drilling activities December 2004 at 4035 Park Blvd showed high concentrations of TPHg and BTEX 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 500 gallons per day (<0.5 gpm). To further slow the migration of the contaminants of concern, organic carbon analysis showed total organic carbon in the water bearing formations to range between 340 and 5700 mg/Kg. Along with the organic carbon, natural attenuation is occurring as evident from analysis for the electron acceptors (dissolved oxygen, nitrate, sulfate and ferric iron) 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 RS05 and to conduct continuous groundwater extraction from the intercept trench.

These procedures were recommended by Western Geo-Engineers in their March 8, 2005 report "Soil and Groundwater Investigation with Conceptual Model".

A Work Plan detailing the above activities had been approved. The destruction of on-site monitoring wells MW01, RS02 and RS06 was completed in November 2006 along with the soil and groundwater sampling downgradient of monitor wells RS09. The encroachment permit agreement with the City of Oakland, necessary for the construction of a conveyance pipe from the Brighton Avenue trench to a soon to be constructed treatment compound at 4035 Park Blvd. has been finalized. RAH had obtaining all necessary permits from The City of Oakland. Due to lack of funding and postponement of the work a refund of permit fees has been obtained. The current property owners indicate that they could obtain a loan to finance a portion of the onsite work to excavate the contaminated soils. A revised work plan that focuses on the onsite excavation work was generated and approved by Alameda County Environmental Health. This work was scheduled to commence in August 2010, but due to lack of funding, the necessary geotechnical study could not be completed along with lack of assurance for funding the excavation work, this work has been postponed, Currently a new request for bid has been submitted for Task 1 of the work plan (Connecting the intercept trench and construction of the treatment compound. Desert Petroleum is trying to find financing to perform this work. .

10.0 RECOMMENDATIONS

- Obtain financing for the construction necessary to connect the intercept trench and build the treatment compound.
- Restart groundwater recovery once treatment compound is completed, obtain new sewer discharge permit.
- Once financing has been obtained, perform geotechnical study necessary for the proposed excavation, commence with the permitting and excavation of contaminated soils associated with the 4035 Park Blvd.

11.0 TIME FRAME

October-November 2010	Permitting and construction of treatment compound and connection of intercept trench
November 2010	Obtain sewer discharge permit, start pumping from RS05 and T1 wells.
November 2010	Perform geotechnical investigation needed for permitting of excavation work.

12.0 LIMITATIONS

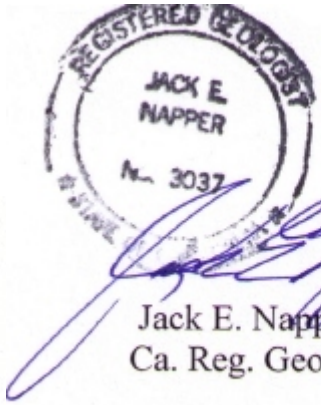
This report is based upon the following:

A. The observations of field personnel.
B. The results of laboratory analyses performed by a state certified laboratory.

C. Referenced documents.
D. Our understanding of the regulations of the State of California, Alameda County and the City of Oakland.
E. Changes in groundwater conditions can occur due to variations in rainfall, temperature, local and regional water use, and local construction practices.
F. In addition, variations in the soil and groundwater conditions could exist beyond the points explored in this investigation.

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

Sincerely,



George Converse
Project Geologist

Jack E. Napper
Ca. Reg. Geologist #3037

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

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

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-02	3/12/1995	227.39	5.26	222.13		ND	ND	ND	ND	ND		
RS-02	10/4/1995	227.39	15.05	212.34		ND	ND	ND	ND	ND		
RS-02	12/21/95	227.39	9.95	217.44		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
RS-02	03/27/96	227.39	6.28	221.11		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
RS-02	06/11/96	227.39	8.00	219.39		< 50	**1.2**	2.8	< 0.5	< 2	< 50	
RS-02	09/04/96	227.39	9.89	217.50		< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	
RS-02	12/11/96	227.39	8.38	219.01		< 50	< 0.5	< 0.5	< 0.5	< 1	6	
RS-02	2/21/97	227.39	6.96	220.43		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	5/28/97	227.39	10.02	217.37		< 50	**3**	3	< 0.5	< 1	< 0.5	*
RS-02	9/2/1997	227.39	11.46	215.93		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	11/24/1997	227.39	10.43	216.96		< 50	< 0.5	1	< 0.5	3	< 0.5	*
RS-02	2/25/1998	227.39	3.57	223.82		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-02	7/8/1998	227.39	8.83	218.56		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-02	9/16/1998	227.39	10.60	216.79		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-02	11/24/1998	227.39	13.27	214.12		140	**2.8**	19	2.6	3.3	15	*
RS-02	2/23/1999	227.39	4.06	223.33		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	
RS-02	5/5/1999	227.39	7.70	219.69		< 50	0.7	< 0.5	< 0.5	< 1	6	
RS-02	8/26/1999	227.39	11.42	215.97		200	**15**	23	1.7	23	9	*
RS-02	11/10/1999	227.39	15.94	211.45		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	2/9/2000	227.39	8.91	218.48		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	6/30/2000	227.39	9.79	217.60		52	**2**	<0.5	<0.5	< 1	<0.5	
RS-02	8/8/2000	227.39	10.71	216.68		60	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	11/16/2000	227.39	10.39	217.00		< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-02	3/8/2001	227.39	6.62	220.77		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/31/2001	227.39	10.09	217.30		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/18/2001	227.39	6.99	220.40		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	2/19/2002	227.39	8.08	219.31		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/7/2002	227.39	9.27	218.12		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	8/6/2002	227.39	11.38	216.01		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/5/2002	227.39	17.09	210.30		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/12/2002	227.39	13.19	214.20								
RS-02	3/13/2003	227.39	8.93	218.46		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	5/6/2003	227.39	8.05	219.34		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	8/13/2003	227.39	11.16	216.23		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/20/2003	227.39	17.62	209.77		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	1/22/2004	227.39	7.40	219.99								
RS-02	3/30/2004	227.39	7.95	219.44		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/10/2004	227.39	10.56	216.83		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/28/2004	227.39	17.02	210.37		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/8/2004	227.39	9.80	217.59		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	3/23/2005	227.39	5.05	222.34		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/1/2005	227.39	8.60	218.79		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/21/2005	227.39	11.45	215.94		< 50	1.4	<0.5	<0.5	<0.5	<0.5	****
RS-02	12/7/2005	227.39	10.82	216.57		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	3/28/2006	227.39	3.85	223.54		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	6/21/2006	227.39	8.86	218.53		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	9/13/2006	227.39	11.25	216.14		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-02	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0972**										
RS-05	12/14/1989	227.61	25.97	201.64		57000	**3100**	**4300**	**670**	**3400**		
RS-05	2/91	227.61			sheen							
RS-05	6/91	227.61			sheen							
RS-05	9/91	227.61			sheen							
RS-05	12/91	227.61			sheen							
RS-05	11/9/1992	227.61	20.73	206.88		50000	**650**	**4800**	**1100**	**15000**		
RS-05	4/7/1994	227.61	18.16	209.45		27000	**5000**	**8700**	**550**	**2800**		
RS-05	6/19/1994	227.61	18.11	209.5		20000	**2100**	**5300**	**470**	**2500**		
RS-05	9/17/1994	227.61	19.63	207.98		9300	**230**	**340**	110	700		
RS-05	3/12/1995	227.61	14.54	213.07		93000	**6400**	**2000**	**19000**	**10000**		
RS-05	10/4/1995	227.61	17.53	210.08		16000	**420**	**2100**	**320**	**1800**		
RS-05	12/21/95	227.61	17.47	210.14		48000	**3500**	**9200**	**840**	**4800**	**56**	
RS-05	03/27/96	227.61	13.51	214.1		68000	**4900**	**18000**	**1700**	**11000**	< 3000	
RS-05	06/11/96	227.61	14.25	213.36		66000	**6300**	**20000**	**2100**	**12000**	< 3000	

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-05	09/04/96	227.61	16.50	211.11		31000	**2100**	**11000**	**1100**	**6800**	**400**	
RS-05	12/11/96	227.61	15.88	211.73		85000	**7000**	**21000**	**1800**	**8900**	**570**	
RS-05	2/21/97	227.61	13.76	213.85	sheen	100000	**5000**	**22000**	**1700**	**7300**	<0.5	*
RS-05	5/28/97	227.61	15.77	211.84		52000	**4500**	**19000**	**2100**	**10000**	<0.5	*
RS-05	9/2/1997	227.61	17.47	210.14		38000	**2200**	**9400**	**1300**	**5800**	<0.5	
RS-05	11/24/1997	227.61	18.67	208.94		45000	**4000**	**16000**	**1900**	**9700**	<0.5	*
RS-05	2/25/1998	227.61	10.53	217.08		160000	**2700**	**31000**	**5300**	**28000**	<0.5	*
RS-05	7/8/1998	227.61	13.75	213.86		45000	**2800**	**12000**	**2000**	**8500**	<10	*
RS-05	9/16/1998	227.61	15.80	211.81		49000	**1400**	**7500**	**1700**	**8600**	<5	*
RS-05	11/24/1998	227.61	16.64	210.97		89000	**5300**	**15000**	**2800**	**13000**	<10	
RS-05	2/23/1999	227.61	12.36	215.25		19000	**1900**	**11000**	**2500**	**4800**	<25	*
RS-05	5/5/1999	227.61	12.78	214.83		78000	**2000**	**10000**	**3000**	**15000**	540	*
RS-05	8/26/1999	227.61	16.06	211.55		35000	**870**	**4000**	**1900**	**8300**	<1	*
RS-05	11/10/1999	227.61	17.54	210.07		40000	**1000**	**5600**	**1800**	**8100**	<0.5	
RS-05	2/9/2000	227.61	16.31	211.3		46000	**1400**	**6900**	**2700**	**11000**	<0.5	
RS-05	6/30/2000	227.61	15.15	212.46		37000	**810**	**5200**	**2200**	**9100**	<2.5	*
RS-05	8/8/2000	227.61	16.10	211.51		14000	**330**	**500**	**1400**	**6500**	<0.5	
RS-05	11/16/2000	227.61	17.38	210.23		23000	**430**	**2300**	**1100**	**4800**	<0.5	*
RS-05	3/8/2001	227.61	27.72	199.89		11000	**360**	**260**	140	1500	2.6	****
RS-05	5/31/2001	227.61	22.96	204.65		7500	**26**	11	38	470	<5	****
RS-05	12/18/2001	227.61	15.61	212		12000	**610**	**1200**	100	1500	<5	****
RS-05	2/19/2002	227.61	14.80	212.81		22000	**460**	**1700**	**680**	4000	<5	****
RS-05	5/7/2002	227.61	31.77	195.84		700	**150**	10	19	67	5.2	****
RS-05	8/6/2002	227.61	31.77	195.84		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	11/5/2002	227.61	31.77	195.84		12000	**150**	360	21	890	<2	****
RS-05	12/12/2002	227.61	21.53	206.08								
RS-05	3/13/2003	227.61	36.70	190.91		240	**5.5**	1.9	2.3	9.6	1.4	****
RS-05	5/6/2003	227.61	14.52	213.09								
RS-05	8/13/2003	227.61	31.77	195.84		310	1.4	<0.5	1	2.9	<0.5	****
RS-05	11/20/2003	227.61	32.00	195.61		17000	**150**	**720**	240	1800	0.72	****
RS-05	1/22/2004	227.61	25.30	202.31								
RS-05	3/30/2004	227.61	21.90	205.71		4000	**370**	59	13	380	2.6	****
RS-05	6/10/2004	227.61	35.00	192.61		120	**7**	0.88	1.3	4.3	1.3	****
RS-05	9/28/2004	227.61	19.05	208.56		2600	**110**	89	75	56	<0.5	****
RS-05	12/8/2004	227.61	25.00	202.61		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	3/23/2005	227.61	26.05	201.56		7400	**890**	**280**	180	940	5.1	****
RS-05	6/1/2005	227.61	25.40	202.21		3500	**380**	85	59	360	3	****
RS-05	9/21/2005	227.61	19.00	208.61		790	**34**	4.7	0.86	99	<0.5	****
RS-05	12/7/2005	227.61	27.50	200.11		2200	**65**	30	24	200	1.3	****
RS-05	3/28/2006	227.61	19.60	208.01		5000	**370**	130	70	550	2.4	****
RS-05	6/21/2006	227.61	16.70	210.91		990	**42**	6.5	2.4	110	<0.5	****
RS-05	9/13/2006	227.61	31.00	196.61		240	**11**	3.2	1.2	11	0.85	****
RS-05	12/21/2006	227.61	28.00	199.61		4800	**140**	120	130	440	0.78	****
RS-05	3/12/2007	227.61	30.00	197.61		4300	**160**	130	110	600	1.5	****
RS-05	6/20/2007	227.61	30.00	197.61		160	**7.5**	3	2.2	13	0.58	****
RS-05	9/26/2007	227.61	22.80	204.81		2300	**80**	57	19	350	0.59	****
RS-05	12/18/2007	227.61	24.65	202.96		570	**15**	6.8	7.8	42	<0.5	****
RS-05	3/12/2008	227.61	20.50	207.11		4600	**330**	110	98	440	1.9	****
RS-05	6/25/2008	227.61	34.00	193.61		74	**3.7**	<0.5	0.5	2	0.7	****
RS-05	9/17/2008	227.61	23.45	204.16		280	**4.4**	1.5	0.55	18	<0.5	****
RS-05	12/17/2008	227.61	28.20	199.41		450	**2.3**	1.2	1.8	13	<0.5	****
RS-05	3/31/2009	227.61	34.00	193.61		800	**120**	14	2	54	2.7	****
RS-05	9/8/2009	227.61	22.30	205.31		1100	**6.3**	1	3.9	24	1.4	****
RS-05	3/24/2010	227.61	33.50	194.11		1700	**200**	29	10	110	2.6	****
RS-05	6/30/2010	227.61	16.03	211.58		280	**6.3**	1.1	<0.5	19	<0.5	****
RS-05	9/16/2010	227.61	17.02	210.59		8400	**110**	31	180	640	<0.5	****
RS-06	12/14/1989	227.22	22.52	204.7		11000	**1400**	**1700**	160	860		
RS-06	2/91	227.22			sheen							
RS-06	6/91	227.22				95000	**4200**	**4200**	**650**	**3700**		
RS-06	9/91	227.22			sheen							
RS-06	12/91	227.22				64000	**3700**	**2300**	**730**	**4100**		
RS-06	11/9/1992	227.22	19.43	207.79		19000	**1600**	**710**	**500**	1600		

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-06	4/7/1994	227.22	14.42	212.8		16000	**1200**	**1300**	290	1100		
RS-06	6/19/1994	227.22	14.45	212.77		23000	**1300**	**2200**	**590**	**2200**		
RS-06	9/17/1994	227.22	19.52	207.7		24000	**630**	**790**	250	1100		
RS-06	3/12/1995	227.22	8.90	218.32		3200	**450**	13	82	230		
RS-06	10/4/1995	227.22	17.78	209.44		3700	**170**	**250**	38	290		
RS-06	12/21/95	227.22	14.98	212.24		3100	**120**	30	16	150	**58**	
RS-06	03/27/96	227.22	10.00	217.22		6900	**180**	**440**	79	360	< 300	
RS-06	06/11/96	227.22	12.00	215.22		7400	**220**	**150**	30	100	<1000	
RS-06	09/04/96	227.22	15.00	212.22		1400	**68**	2.6	7.7	9.2	**14**	
RS-06	12/11/96	227.22	12.36	214.86		1800	**39**	16	10	18	< 0.5	
RS-06	2/21/97	227.22	10.00	217.22		2100	**71**	85	25	40	< 0.5	*
RS-06	5/28/97	227.22	13.56	213.66		1700	**34**	12	11	16	< 0.5	*
RS-06	9/2/1997	227.22	16.35	210.87		940	**34**	71	9	55	< 0.5	*
RS-06	11/24/1997	227.22	15.72	211.5		490	**9**	6	1	7	< 0.5	*
RS-06	2/25/1998	227.22	6.26	220.96		1400	**22**	47	5	52	< 0.5	*
RS-06	7/8/1998	227.22	11.41	215.81		1500	**83**	9	84	2	<10	*
RS-06	7/30/1998	227.22				<50	<0.5	<0.5	<0.5	<1		
RS-06	9/16/1998	227.22	13.42	213.8		990	**23**	<0.5	<0.5	<1	<1	*
RS-06	11/24/1998	227.22	15.91	211.31		3400	**5.3**	<0.5	<0.5	14	<0.5	
RS-06	2/23/1999	227.22	7.00	220.22		1000	**3.4**	3.2	1.6	7.3	<0.5	
RS-06	5/5/1999	227.22	10.29	216.93		1100	**50**	10	80	15	2	
RS-06	8/26/1999	227.22	13.72	213.5		690	**44**	2.5	30	31	<5	
RS-06	11/10/1999	227.22	13.90	213.32		1800	**2**	2	0.9	16	< 0.5	
RS-06	2/9/2000	227.22	12.77	214.45		410	**3**	3	4	7	< 0.5	
RS-06	6/30/2000	227.22	12.69	214.53		660	**7**	2	5	6	< 0.5	
RS-06	8/8/2000	227.22	14.72	212.5		660	**2**	3	2	6	< 0.5	
RS-06	11/16/2000	227.22	15.28	211.94		560	**1**	2	1	5	< 0.5	
RS-06	3/8/2001	227.22	10.10	217.12		2200	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/31/2001	227.22	12.96	214.26		630	<0.5	<0.5	<0.5	<0.5	<5	****
RS-06	12/18/2001	227.22	10.88	216.34		56	0.53	<0.5	<0.5	0.56	<0.5	****
RS-06	2/19/2002	227.22	11.08	216.14		<50	<0.5	<0.5	0.6	<0.5	<0.5	****
RS-06	5/7/2002	227.22	12.31	214.91		240	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/6/2002	227.22	14.23	212.99		130	<0.5	<0.5	<0.5	<0.5	3	****
RS-06	11/5/2002	227.22	17.99	209.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/12/2002	227.22	17.57	209.65								
RS-06	3/13/2003	227.22	11.82	215.4		120	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/6/2003	227.22	10.10	217.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/13/2003	227.22	13.88	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/20/2003	227.22	18.62	208.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	1/22/2004	227.22	11.24	215.98								
RS-06	3/30/2004	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/10/2004	227.22	13.52	213.7		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/28/2004	227.22	17.95	209.27		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/8/2004	227.22	14.80	212.42		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/23/2005	227.22	7.62	219.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/1/2005	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/21/2005	227.22	13.22	214		<50	**1.5**	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/7/2005	227.22	14.02	213.2		74	**0.63**	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/28/2006	227.22	6.03	221.19		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/21/2006	227.22	10.40	216.82		100	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/13/2006	227.22	12.82	214.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0973**										
RS-07	12/14/1989	195.99										
RS-07	7/90	195.99				5600000	**24000**	**210000**	**50000**	**740000**		
RS-07	2/91	195.99			shhen							
RS-07	6/91	195.99			sheen							
RS-07	9/91	195.99			sheen							
RS-07	12/91	195.99				270000	**11000**	**22000**	**2000**	**13000**		
RS-07	11/9/1992	195.99	4.62	191.37		81000	**12000**	**16000**	**1900**	**13000**		
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		

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-07	3/12/1995	195.99	3.72	192.27		35000	**5100**	**560**	**6300**	**3600**		
RS-07	10/4/1995	195.99	4.03	191.96		96000	**14000**	**14000**	**1300**	**7000**		
RS-07	12/21/95	195.99	3.95	192.04		70000	**9300**	**12000**	**860**	**5600**	**210**	
RS-07	03/27/96	195.99	3.80	192.19		64000	**8900**	**14000**	**1100**	**8300**	< 3000	
RS-07	06/11/96	195.99	3.79	192.2		65000	**12000**	**17000**	**1600**	**9700**	<5000	
RS-07	09/04/96	195.99	3.99	192		20000	**4900**	**2100**	**670**	**4400**	**100**	
RS-07	12/11/96	195.99	3.78	192.21		17000	**4400**	**7500**	**570**	**4600**	**180**	
RS-07	2/21/97	195.99	3.82	192.17		93000	**31000**	**47000**	**3800**	**23000**	<0.5	*
RS-07	5/28/97	195.99	3.82	192.17		52000	**12000**	**8200**	**2000**	**11000**	<0.5	*
RS-07	9/2/1997	195.99	3.96	192.03		28000	**6100**	**2800**	**950**	**3800**	<50	
RS-07	11/24/1997	195.99	3.76	192.23		18000	**4300**	**5900**	**600**	**2900**	<0.5	*
RS-07	2/25/1998	195.99	3.70	192.29		13000	**4300**	**7100**	**1100**	**5800**	<0.5	*
RS-07	7/8/1998	195.99	3.76	192.23		45000	**10000**	**3400**	**2000**	**8000**	<10	*
RS-07	7/30/1998	195.99				72000	**12000**	**2100**	**2000**	**9100**		
RS-07	9/16/1998	195.99	3.83	192.16		5000	**6500**	**160**	<2.5	500	<5	*
RS-07	11/24/1998	195.99	3.77	192.22		19000	**2100**	**1100**	**500**	**2100**	<0.5	
RS-07	2/23/1999	195.99	3.70	192.29		83000	**6500**	**9900**	**1200**	**7000**	<10	
RS-07	5/5/1999	195.99	3.88	192.11		47000	**7400**	**4800**	**1300**	**7400**	**540**	
RS-07	8/26/1999	195.99	4.16	191.83		15000	**3400**	91	**950**	970	<5	
RS-07	11/10/1999	195.99	4.12	191.87		10000	**2900**	**170**	**630**	1200	<0.5	
RS-07	2/9/2000	195.99	3.98	192.01		9400	**1400**	120	**480**	600	<0.5	
RS-07	6/30/2000	195.99	4.04	191.95		8200	**3300**	**190**	**430**	540	<0.5	
RS-07	8/8/2000	195.99	4.06	191.93		11000	**2300**	**150**	**430**	520	<0.5	
RS-07	11/16/2000	195.99	4.04	191.95		5400	**1500**	40	240	200	<0.5	
RS-07	3/8/2001	195.99	3.94	192.05		12000	**3300**	**260**	**480**	850	**17**	****
RS-07	5/31/2001	195.99	4.01	191.98		10000	**1900**	120	**320**	620	<100	****
RS-07	12/18/2001	195.99	4.81	191.18		2700	**450**	21	86	120	2.3	****
RS-07	2/19/2002	195.99	3.91	192.08		20000	**2600**	**360**	**570**	**1900**	11	****
RS-07	5/7/2002	195.99	3.97	192.02		9200	**1400**	120	**360**	780	6.6	****
RS-07	8/6/2002	195.99	4.06	191.93		8300	**1300**	71	250	480	<10	****
RS-07	11/5/2002	195.99	4.11	191.88		9300	**1500**	90	**330**	680	<10	****
RS-07	12/12/2002	195.99	4.13	191.86								
RS-07	3/13/2003	195.99	4.02	191.97		5500	**990**	51	180	330	6.1	****
RS-07	5/6/2003	195.99	3.98	192.01		4800	**740**	36	160	310	4.7	****
RS-07	8/13/2003	195.99	4.09	191.9		9400	**1300**	65	310	620	6.1	****
RS-07	11/20/2003	195.99	4.10	191.89		4800	**700**	13	110	110	<5	****
RS-07	1/22/2004	195.99	4.12	191.87								
RS-07	3/30/2004	195.99	4.05	191.94		3800	**540**	33	140	210	3.4	****
RS-07	6/10/2004	195.99	4.12	191.87		4000	**740**	22	82	130	2.8	****
RS-07	9/28/2004	195.99	4.18	191.81		5000	**640**	20	110	130	2.8	****
RS-07	12/8/2004	195.99	3.92	192.07		3700	**290**	18	130	190	0.56	****
RS-07	3/23/2005	195.99	4.00	191.99		4600	**220**	17	100	170	2.4	****
RS-07	6/1/2005	195.99	4.11	191.88		4700	**660**	41	140	290	3.7	****
RS-07	9/21/2005	195.99	4.14	191.85		4600	**360**	18	67	130	3.6	****
RS-07	12/7/2005	195.99	4.13	191.86		3400	**160**	10	89	86	1.2	****
RS-07	3/28/2006	195.99	3.93	192.06		1400	**170**	10	30	49	1.5	****
RS-07	6/21/2006	195.99	4.11	191.88		4800	**570**	27	100	150	5.2	****
RS-07	9/13/2006	195.99	4.13	191.86		4700	**570**	15	70	73	6	****
RS-07	12/21/2006	195.99	4.08	191.91		1600	**100**	3.7	37	30	1.1	****
RS-07	3/12/2007	195.99	3.98	192.01		1500	**220**	3.7	40	35	2.6	****
RS-07	6/20/2007	195.99	4.10	191.89		3700	**530**	18	52	69	3.2	****
RS-07	9/26/2007	195.99	4.13	191.86		2300	**240**	5.1	30	22	2.9	****
RS-07	12/18/2007	195.99	3.83	192.16		1800	**66**	2.4	43	20	0.56	****
RS-07	3/12/2008	195.99	3.99	192		2300	**190**	5.4	63	39	1.9	****
RS-07	6/25/2008	195.99	4.13	191.86		3000	**320**	17	36	90	3.1	****
RS-07	9/17/2008	195.99	4.22	191.77		1400	**38**	2.2	40	12	<0.5	****
RS-07	12/17/2008	195.99	4.12	191.87		1700	**76**	3	73	21	<0.5	****
RS-07	3/31/2009	195.99	4.10	191.89		2400	**190**	3.6	96	27	2.5	****
RS-07	9/8/2009	195.99	4.18	191.81		2700	**140**	7.3	42	14	2	****
RS-07	3/24/2010	195.99	4.11	191.88		2100	**130**	5.8	66	14	1.6	****
RS-07	6/30/2010	195.99	4.08	191.91		no sample						
RS-07	9/16/2010	195.99	4.12	191.87		3500	**490**	9	56	12	3.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-08	12/14/1989											
RS-08	09/04/96											
RS-08	12/11/96											
RS-08	2/21/97											
RS-08	5/28/97											
RS-08	9/2/1997											
RS-08	11/24/1997											
RS-08	2/25/1998											
RS-08	7/8/1998											
RS-08	9/16/1998											
RS-08	11/24/1998											
RS-08	2/23/1999											
RS-08	5/5/1999											
RS-08	8/26/1999	214.67	7.25	207.42		160000	**24000**	**35000**	**4200**	**24000**	<5	
RS-08	11/10/1999	214.67	8.69	205.98		150000	**21000**	**29000**	**3000**	**14000**	<0.5	
RS-08	2/9/2000	214.67	7.23	207.44		14000	**1900**	**3200**	270	**2300**	<0.5	
RS-08	6/30/2000	214.67	3.99	210.68		6400	**570**	**870**	150	770	<0.5	
RS-08	8/8/2000	214.67	7.52	207.15		100000	**24000**	**40000**	**2300**	**9900**	<0.5	*
RS-08	11/16/2000	214.67	6.14	208.53		110000	**14000**	**21000**	**2100**	**9600**	<20	*
RS-08	3/8/2001	214.67	9.40	205.27		10000	**740**	**840**	220	990	<2	****
RS-08	5/31/2001	214.67	6.83	207.84		730	**11**	29	4.2	31	<5	****
RS-08	12/18/2001	214.67	7.14	207.53		4500	**230**	**370**	77	750	<0.5	****
RS-08	2/19/2002	214.67	7.69	206.98		780	**33**	21	5.1	45	<0.5	****
RS-08	5/7/2002	214.67	7.82	206.85		24000	**1500**	**1800**	**830**	**2700**	<10	****
RS-08	8/6/2002	214.67	13.46	201.21	**0.04**							
RS-08	11/5/2002	214.67	13.96	200.71	**0.40**							
RS-08	12/12/2002	214.67	14.38	200.29	**0.08**							
RS-08	3/13/2003	214.67	10.99	203.68		90000	**1100**	**14000**	**2500**	**12000**	<50	****
RS-08	5/6/2003	214.67	5.35	209.32		1600	**6.7**	46	21	170	<0.5	****
RS-08	8/13/2003	214.67	11.96	202.71		100000	**1200**	**10000**	**2500**	**13000**	<50	****
RS-08	11/21/2003	214.67	12.30	202.37		100000	**1700**	**10000**	**1700**	**12000**	<25	****
RS-08	1/22/2004	214.67	9.63	205.04								
RS-08	3/30/2004	214.67	8.70	205.97		18000	**69**	**110**	**130**	**1200**	<5	****
RS-08	6/10/2004	214.67	10.65	204.02		33000	**210**	**350**	**360**	**2300**	<5	****
RS-08	9/28/2004	214.67	9.00	205.67		6000	**59**	20	100	170	<1	****
RS-08	12/8/2004	214.67	4.50	210.17		1100	<0.5	<0.5	<0.5	0.66	<0.5	****
RS-08	3/23/2005	214.67	3.65	211.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/1/2005	214.67	9.70	204.97		4700	**330**	**210**	250	330	<0.5	****
RS-08	9/21/2005	214.67			could not locate, under landscaping.							
RS-08	12/7/2005	214.67	12.76	201.91		30000	**1100**	**1500**	**810**	**2800**	<5	****
RS-08	3/28/2006	214.67	3.42	211.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/21/2006	214.67	7.03	207.64		6300	**630**	**710**	**310**	720	<0.5	****
RS-08	9/13/2006	214.67	11.13	203.54		29000	**1600**	**2800**	**1300**	**4000**	<2.5	****
RS-08	12/21/2006	214.67	10.67	204		60000	**1900**	**2000**	**1300**	**5200**	<7	****
RS-08	3/12/2007	214.67			dog in backyard, could not access well							
RS-08	6/20/2007	214.67	11.19	203.48		23000	**480**	**540**	**780**	**2600**	<2.5	****
RS-08	9/26/2007	214.67			dog in backyard, could not access well							
RS-08	12/18/2007	214.67			could not unlach side gate to enter backyard							
RS-08	3/12/2008	214.67	9.36	205.31		18000	**81**	41	51	560	<4	****
RS-08	6/25/2008	214.67	12.28	202.39		26000	**480**	**870**	**430**	**2800**	<4	****
RS-08	9/17/2008	214.67	12.13	202.54		30000	**680**	**880**	**630**	**3400**	<4	****
RS-08	12/17/2008	214.67			dogs in backyard, could not access well							
RS-08	3/31/2009	214.67			dogs in backyard, could not access well							
RS-08	9/8/2009	214.67			dogs in backyard, could not access well							
RS-08	3/24/2010	214.67	7.78	206.89		2500	**48**	**3**	**26**	**130**	<0.5	****
RS-08	6/30/2010	214.67			dogs in backyard, could not access well							
RS-08	9/16/2010	214.67	8.98	205.69		17000	**260**	**140**	**240**	**1600**	<0.5	****
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											

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-09	9/2/1997											
RS-09	11/24/1997											
RS-09	2/25/1998											
RS-09	7/8/1998											
RS-09	9/16/1998											
RS-09	11/24/1998											
RS-09	2/23/1999											
RS-09	5/5/1999											
RS-09	8/26/1999	195.63	7.46	188.17		17000	**3500**	**1200**	**360**	1600	**180**	*
RS-09	11/10/1999	195.63	7.91	187.72		2800	**520**	62	46	130	<0.5	
RS-09	2/9/2000	195.63	6.09	189.54		3400	**650**	74	64	130	<0.5	
RS-09	6/30/2000	195.63	6.77	188.86		3000	**600**	79	74	120	<0.5	
RS-09	8/8/2000	195.63	7.32	188.31		4900	**500**	**430**	160	530	<0.5	
RS-09	11/16/2000	195.63	6.33	189.3		3000	**350**	**220**	90	220	<0.5	
RS-09	3/8/2001	195.63	4.93	190.7		<50	**3.4**	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/31/2001	195.63	4.01	191.62		510	**96**	6	6.2	9.1	5.5	****
RS-09	12/18/2001	195.63	4.81	190.82		210	**11**	1.8	3.9	7.6	<0.5	****
RS-09	2/19/2002	195.63	4.99	190.64		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/7/2002	195.63	6.08	189.55		130	**7.9**	<0.5	1.2	<0.5	0.67	****
RS-09	8/6/2002	195.63	6.93	188.7		380	**29**	1.2	2.3	2.9	3.1	****
RS-09	11/5/2002	195.63	7.53	188.1		1800	**240**	9	27	110	8.6	****
RS-09	12/12/2002	195.63	7.23	188.4								
RS-09	3/13/2003	195.63	5.73	189.9		410	**30**	3	6	9.5	3.3	****
RS-09	5/6/2003	195.63	4.83	190.8		910	**72**	15	9.2	26	5.5	****
RS-09	8/13/2003	195.63	8.24	187.39		810	**20**	<0.5	2.4	1.6	3.6	****
RS-09	11/20/2003	195.63	6.99	188.64		3600	**920**	5.3	6.1	20	**30**	****
RS-09	1/22/2004	195.63	5.43	190.2								
RS-09	3/30/2004	195.63	5.07	190.56		1900	**360**	9.3	19	48	**21**	****
RS-09	6/10/2004	195.63	6.18	189.45		950	**180**	3	8.4	14	8.7	****
RS-09	9/28/2004	195.63	6.94	188.69		4900	**1800**	5.9	5	16	**31**	****
RS-09	12/8/2004	195.63	4.42	191.21		74	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/23/2005	195.63	4.10	191.53		540	**99**	1.1	1.1	4.5	3.6	****
RS-09	6/1/2005	195.63	5.12	190.51		3300	**170**	14	77	87	12	****
RS-09	9/21/2005	195.63	6.60	189.03		330	**1.2**	<0.5	<0.5	0.58	1.8	****
RS-09	12/7/2005	195.63	5.92	189.71		88	<0.5	<0.5	<0.5	0.58	1.2	****
RS-09	3/28/2006	195.63	3.76	191.87		360	**11**	0.72	3.6	2.5	7.1	****
RS-09	6/21/2006	195.63	5.40	190.23		860	**23**	2.9	7.2	21	7.4	****
RS-09	9/13/2006	195.63	6.45	189.18		350	**2.4**	<0.5	1.1	4.2	2.9	****
RS-09	12/21/2006	195.63	5.82	189.81		85	<0.5	<0.5	<0.5	<0.5	0.81	****
RS-09	3/12/2007	195.63	5.08	190.55		1000	**25**	12	14	40	7.5	****
RS-09	6/20/2007	195.63	6.67	188.96		1300	**130**	4.4	6	20	7.2	****
RS-09	9/26/2007	195.63	7.45	188.18		1800	**310**	2.3	5	24	6.3	****
RS-09	12/18/2007	195.63	6.05	189.58		97	**2.5**	<0.5	0.56	1.4	0.51	****
RS-09	3/12/2008	195.63	5.43	190.2		82	**1.6**	<0.5	<0.5	<0.5	<0.5	****
RS-09	6/25/2008	195.63	7.03	188.6		2500	**450**	14	20	81	2.8	****
RS-09	9/17/2008	195.63	7.81	187.82		3100	**830**	4.9	7.7	37	4.7	****
RS-09	12/17/2008	195.63	6.87	188.76		51	**1.7**	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/31/2009	195.63	5.64	189.99		72	**1**	<0.5	<0.5	<0.5	<0.5	****
RS-09	9/8/2009	195.63	7.45	188.18		2800	**700**	2.9	5.4	21	2.7	****
RS-09	3/24/2010	195.63	5.26	190.37		57	**3.7**	<0.5	<0.5	0.58	<0.5	****
RS-09	6/30/2010	195.63	6.17	189.46		no samples						
RS-09	9/16/2010	195.63	7.09	188.54		1800	**410**	2.5	3.5	17	1.6	****
RS-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											

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-10	11/24/1998											
RS-10	2/23/1999											
RS-10	5/5/1999											
RS-10	8/26/1999	208.46	3.76	204.7		5100	**160**	**340**	190	1000	**32**	*
RS-10	11/10/1999	208.46	3.83	204.63		500	**7**	2	2	4	<0.5	
RS-10	2/9/2000	208.46	0.31	208.15		100	**4**	3	1	6	<0.5	
RS-10	6/30/2000	208.46	2.22	206.24		640	**5**	2	4	2	<0.5	
RS-10	8/8/2000	208.46	2.46	206		460	**2**	2	2	7	<0.5	
RS-10	11/16/2000	208.46	2.46	206		360	**1**	1	2	<1	<0.5	
RS-10	3/8/2001	208.46	2.82	205.64		53	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/31/2001	208.46	4.93	203.53		210	<0.5	<0.5	1.5	5	<5	****
RS-10	12/18/2001	208.46	2.10	206.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	2/19/2002	208.46	2.29	206.17		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/7/2002	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/6/2002	208.46	4.11	204.35		<50	<0.5	0.7	<0.5	1.6	<0.5	****
RS-10	11/5/2002	208.46	4.05	204.41		54	<0.5	1.2	<0.5	1.1	<0.5	****
RS-10	12/12/2002	208.46	6.81	201.65								
RS-10	3/13/2003	208.46	3.00	205.46		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/6/2003	208.46	2.55	205.91		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/13/2003	208.46	3.68	204.78		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	11/20/2003	208.46	4.45	204.01		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	1/22/2004	208.46										
RS-10	3/30/2004	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/10/2004	208.46	4.85	203.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/28/2004	208.46	6.75	201.71		<50	**4.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/8/2004	208.46	1.74	206.72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/23/2005	208.46	1.85	206.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/1/2005	208.46	2.88	205.58		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/21/2005	208.46	4.35	204.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/7/2005	208.46	3.38	205.08		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/28/2006	208.46	1.75	206.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/21/2006	208.46	2.91	205.55		350	**110**	0.73	2.8	1.9	<0.5	****
RS-10	9/13/2006	208.46	4.18	204.28		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/21/2006	208.46	2.78	205.68		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/12/2007	208.46	2.80	205.66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/20/2007	208.46	4.25	204.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/26/2007	208.46	4.38	204.08		150	<0.5	<0.5	2.8	16	<0.5	****
RS-10	12/18/2007	208.46	4.38	204.08		220	<0.5	<0.5	0.64	8.4	<0.5	****
RS-10	3/12/2008	208.46	2.97	205.49		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/25/2008	208.46	6.93	201.53		360	0.82	1.1	<0.5	1	<0.5	****
RS-10	9/17/2008	208.46	6.97	201.49		120	1.1	<0.5	0.78	<0.5	<0.5	****
RS-10	12/17/2008	208.46	3.72	204.74		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/31/2009	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/8/2009	208.46	7.80	200.66		77	**5.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/24/2010	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/30/2010	208.46				no access						
RS-10	9/16/2010	208.46	5.78	202.68		53	4.4	3.6	0.8	1.4	<0.5	****
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	

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)			ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R1	2/9/2000	227.69	13.10	214.59		<50	**8**	<0.5	1	<1	<0.5	
R1	6/30/2000	227.69	13.42	214.27		2600	**350**	35	**1900**	220	<0.5	
R1	8/8/2000	227.69	14.25	213.44		10000	**910**	76	**2100**	390	<0.5	
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/31/2001	227.69	15.77	211.92		3800	**400**	16	**470**	67	<5	****
R1	12/18/2001	227.69	9.90	217.79		<50	<0.5	<0.5	1.5	<0.5	<0.5	****
R1	2/19/2002	227.69	10.86	216.83		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/7/2002	227.69	16.17	211.52		53	**3.3**	<0.5	1	<0.5	<0.5	****
R1	8/6/2002	227.69	16.83	210.86		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	11/5/2002	227.69	16.92	210.77	dry, groundwater deeper than 210.77 foot elevation							
R1	12/12/2002	227.69	16.94	210.75								
R1	3/13/2003	227.69	15.69	212		<50	**4.5**	<0.5	<0.5	<0.5	<0.5	****
R1	5/6/2003	227.69	10.75	216.94		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	8/13/2003	227.69	16.04	211.65		430	**17**	<0.5	1.4	1.1	<0.5	****
R1	11/20/2003	227.69	dry									
R1	1/22/2004	227.69	14.40	213.29								
R1	3/30/2004	227.69	14.05	213.64		<50	**2.8**	<0.5	<0.5	<0.5	<0.5	****
R1	6/10/2004	227.69	15.85	211.84		3200	**85**	2.6	38	8.3	<0.5	****
R1	9/28/2004	227.69	15.06	212.63		2000	**35**	2.2	12	4.4	<0.5	****
R1	12/8/2004	227.69	9.70	217.99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/23/2005	227.69	8.58	219.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/1/2005	227.69	13.30	214.39		330	**12**	<0.5	1.6	1.4	<0.5	****
R1	9/21/2005	227.69	14.92	212.77		3400	**20**	1.3	13	4.4	<0.5	****
R1	12/7/2005	227.69	15.50	212.19		1100	**4.2**	0.65	1.5	0.94	<0.5	****
R1	3/28/2006	227.69	8.82	218.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/21/2006	227.69	11.35	216.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/13/2006	227.69	13.55	214.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/21/2006	227.69	14.35	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2007	227.69	11.76	215.93		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/20/2007	227.69	13.48	214.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/26/2007	227.69	15.08	212.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/18/2007	227.69	15.25	212.44		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2008	227.69	12.62	215.07		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/25/2008	227.69	15.92	211.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	12/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	3/31/2009	227.69	12.85	214.84		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/8/2009	227.69	15.60	212.09		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/24/2010	227.69	12.40	215.29		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/30/2010	227.69	14.03	213.66		no samples						
R1	9/16/2010	227.69	14.56	213.13		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
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	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R2	5/31/2001	227.28	13.38	213.9		2200	**580**	12	72	100	<25	****
R2	12/18/2001	227.28	12.35	214.93		4900	**2000**	120	44	280	<5	****
R2	2/19/2002	227.28	11.32	215.96		2100	**1200**	<5	14	<5	<5	****
R2	5/7/2002	227.28	13.15	214.13		2500	**660**	7.5	170	26	<2.5	****
R2	8/6/2002	227.28	14.51	212.77		6300	**1800**	**150**	220	340	<5	****
R2	11/5/2002	227.28	15.46	211.82		11000	**3000**	140	57	620	<20	****
R2	12/12/2002	227.28	15.70	211.58								
R2	3/13/2003	227.28	12.96	214.32		580	**200**	1.2	5.4	3.8	<1	****
R2	5/6/2003	227.28	11.14	216.14		70	**25**	<0.5	<0.5	1.3	<0.5	****
R2	8/13/2003	227.28	14.01	213.27		1800	**340**	8	49	12	<2	****
R2	11/20/2003	227.28	15.35	211.93		8000	**1400**	46	57	490	<5	****
R2	1/22/2004	227.28	12.10	215.18								
R2	3/30/2004	227.28	11.48	215.8		<50	**3**	<0.5	<0.5	<0.5	<0.5	****
R2	6/10/2004	227.28	13.95	213.33		77	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/28/2004	227.28	14.80	212.48		500	**120**	2	25	2.7	0.71	****
R2	12/8/2004	227.28	12.25	215.03		100	**8.5**	<0.5	<0.5	5	<0.5	****
R2	3/23/2005	227.28	7.82	219.46		57	**8.4**	<0.5	<0.5	<0.5	<0.5	****
R2	6/1/2005	227.28	12.14	215.14		85	**5.2**	<0.5	<0.5	<0.5	<0.5	****
R2	9/21/2005	227.28	13.97	213.31		900	**120**	1.3	2.5	4.8	<0.5	****
R2	12/7/2005	227.28	14.51	212.77		150	**8.4**	<0.5	<0.5	0.5	<0.5	****
R2	3/28/2006	227.28	7.30	219.98		<50	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	6/21/2006	227.28	11.90	215.38		68	**4.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/13/2006	227.28	13.66	213.62		54	0.52	<0.5	<0.5	<0.5	<0.5	****
R2	12/21/2006	227.28	14.43	212.85		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/12/2007	227.28	12.37	214.91		210	**63**	<0.5	1.8	<0.5	<0.5	****
R2	6/20/2007	227.28	14.08	213.2		1300	**250**	3.6	2.7	4.1	<0.5	****
R2	9/26/2007	227.28	15.41	211.87		230	**28**	<0.5	<0.5	2.5	<0.5	****
R2	12/18/2007	227.28	15.87	211.41		98	<0.5	<0.5	<0.5	2.5	<0.5	****
R2	3/12/2008	227.28	11.45	215.83		<50	0.59	<0.5	<0.5	<0.5	<0.5	****
R2	6/25/2008	227.28	14.98	212.3		79	**11**	<0.5	<0.5	<0.5	<0.5	****
R2	9/17/2008	227.28	16.03	211.25		87	**1.8**	<0.5	5.6	0.92	<0.5	****
R2	12/17/2008	227.28			no sample water in shoe of casing, not representative							
R2	3/31/2009	227.28	11.42	215.86		<50	**5.5**	<0.5	<0.5	<0.5	<0.5	****
R2	9/8/2009	227.28	15.50	211.78		56	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/24/2010	227.28	11.10	216.18		140	**16**	<0.5	<0.5	<0.5	<0.5	****
R2	6/30/2010	227.28	13.30	213.98		no samples						
R2	9/16/2010	227.28	14.28	213		54	0.68	<0.5	<0.5	<0.5	<0.5	****
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	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R3	11/5/2002	227.25	11.07	216.18		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/12/2002	227.25	11.28	215.97								
R3	3/13/2003	227.25	8.69	218.56		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/2003	227.25	8.02	219.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/2003	227.25	dry		DRY							
R3	11/20/2003	227.25	dry		DRY							
R3	1/22/2004	227.25	7.30	219.95								
R3	3/30/2004	227.25	7.85	219.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/10/2004	227.25	10.30	216.95		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/28/2004	227.25	dry		DRY							
R3	12/8/2004	227.25	9.00	218.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/23/2005	227.25	4.90	222.35		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/1/2005	227.25	8.60	218.65		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/21/2005	227.25	10.80	216.45		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/7/2005	227.25	11.12	216.13	no sample water in shoe of casing, not representative							
R3	3/28/2006	227.25	3.72	223.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/21/2006	227.25	8.82	218.43		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/13/2006	227.25	10.52	216.73		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/21/2006	227.25	9.97	217.28		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/12/2007	227.25	7.45	219.8		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/20/2007	227.25	10.43	216.82		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/26/2007	227.25			no sample water in shoe of casing, not representative							
R3	12/18/2007	227.25			no sample water in shoe of casing, not representative							
R3	3/12/2008	227.25	7.93	219.32		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/25/2008	227.25	10.87	216.38		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	12/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	3/31/2009	227.25	7.27	219.98		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/8/2009	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/24/2010	227.25	7.22	220.03		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/30/2010	227.25	9.95	217.3		no samples						
R3	9/16/2010	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
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	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T 1	11/20/2003	195.11	2.50	192.61		10000	**1800**	120	**520**	510	11	****
T 1	1/22/2004	195.11										
T 1	3/30/2004	195.11				15000	**1800**	**660**	**610**	**2000**	8.6	****
T 1	6/10/2004	195.11	2.40	192.71		5500	**570**	2	240	130	2.7	****
T 1	9/28/2004	195.11	2.52	192.59		8700	**2600**	100	**450**	15	**15**	****
T 1	12/8/2004	195.11	1.96	193.15		2900	**820**	32	14	47	6.9	****
T 1	3/23/2005	195.11	car			2800	**220**	3	120	76	1.7	****
T 1	6/1/2005	195.11	2.25	192.86		46000	**14000**	**650**	**1900**	**2900**	**54**	****
T 1	9/21/2005	195.11	2.42	192.69		17000	**4500**	**81**	**620**	**200**	**28**	****
T 1	12/7/2005	195.11	2.26	192.85		18000	**4000**	**480**	**780**	**1100**	**25**	****
T 1	3/28/2006	195.11	car			27000	**4400**	**1600**	**890**	**2700**	**20**	****
T 1	6/21/2006	195.11	2.48	192.63		14000	**5200**	**310**	**270**	**680**	**19**	****
T 1	9/13/2006	195.11	2.43	192.68		12000	**5100**	88	230	320	**22**	****
T 1	12/21/2006	195.11	2.28	192.83		18000	**4600**	**620**	**850**	**2000**	**21**	****
T 1	3/12/2007	195.11	2.24	192.87		19000	**4700**	**750**	**870**	**2300**	**16**	****
T 1	6/20/2007	195.11	2.47	192.64		12000	**4300**	130	170	250	**18**	****
T 1	9/26/2007	195.11	2.52	192.59		10000	**4200**	63	45	68	**14**	****
T 1	12/18/2007	195.11	1.75	193.36		12000	**3000**	**450**	**360**	480	**15**	****
T 1	3/12/2008	195.11	2.23	192.88		22000	**6600**	**1200**	**960**	**2300**	**25**	****
T 1	6/25/2008	195.11	2.55	192.56		13000	**5200**	**160**	**300**	280	**18**	****
T 1	9/17/2008	195.11	3.12	191.99		8600	**3400**	**47**	**29**	81	**9.4**	****
T 1	12/17/2008	195.11	2.32	192.79		5600	**1500**	**130**	**140**	310	**4.9**	****
T 1	3/31/2009	195.11	2.32	192.79		24000	**5800**	**830**	**1300**	**3700**	**16**	****
T 1	9/8/2009	195.11	2.90	192.21		7900	**2700**	**57**	**50**	**180**	**7.8**	****
T 1	3/24/2010	195.11	2.25	192.86		22000	**5800**	**640**	**1200**	**2500**	**18**	****
T 1	6/30/2010	195.11				no access, parked cars						
T 1	9/16/2010	195.11	2.34	192.77		13000	**5100**	**58**	**110**	**110**	**<15**	****
T 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 2	3/12/2007	195.3	car			see T1 for sample results						
T 2	6/20/2007	195.3	car			see T1 for sample results						
T 2	9/26/2007	195.3	car			see T1 for sample results						
T 2	12/18/2007	195.3	car			see T1 for sample results						
T 2	3/12/2008	195.3	car			see T1 for sample results						
T 2	6/25/2008	195.3	car			see T1 for sample results						
T 2	9/17/2008	195.3	car			see T1 for sample results						
T 2	12/17/2008	195.3	car			see T1 for sample results						
T 2	3/31/2009	195.3	car			see T1 for sample results						
T 2	9/8/2009	195.3	car			see T1 for sample results						
T 2	3/24/2010	195.3	car			see T1 for sample results						
T 2	6/30/2010	195.3	car									
T 2	9/16/2010	195.3	car			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						

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T 3	3/28/2006	202.38	car			see T1 for sample results						
T 3	6/21/2006	202.38	car			see T1 for sample results						
T 3	9/13/2006	202.38	car			see T1 for sample results						
T 3	12/21/2006	202.38	car			see T1 for sample results						
T 3	3/12/2007	202.38	car			see T1 for sample results						
T 3	6/20/2007	202.38	car			see T1 for sample results						
T 3	9/26/2007	202.38	car			see T1 for sample results						
T 3	12/18/2007	202.38	car			see T1 for sample results						
T 3	3/12/2008	202.38	car			see T1 for sample results						
T 3	6/25/2008	202.38	car			see T1 for sample results						
T 3	9/17/2008	202.38	car			see T1 for sample results						
T 3	12/17/2008	202.38	car			see T1 for sample results						
T 3	3/31/2009	202.38	car			see T1 for sample results						
T 3	9/8/2009	202.38	car			see T1 for sample results						
T 3	3/24/2010	202.38	car			see T1 for sample results						
T 3	6/30/2010	202.38	car									
T 3	9/16/2010	202.38	car			see T1 for sample results						
T4	1/22/2004	197.48	4.70	192.78		see T1 for sample results						
T4	3/30/2004	197.48	4.66	192.82		see T1 for sample results						
T4	6/10/2004	197.48	4.76	192.72		see T1 for sample results						
T4	9/28/2004	197.48	4.86	192.62		see T1 for sample results						
T4	12/8/2004	197.48	4.21	193.27		see T1 for sample results						
T4	3/23/2005	197.48	4.35	193.13		see T1 for sample results						
T4	6/1/2005	197.48	car			see T1 for sample results						
T4	9/21/2005	197.48	car			see T1 for sample results						
T4	12/7/2005	197.48	car			see T1 for sample results						
T4	3/28/2006	197.48	car			see T1 for sample results						
T4	6/21/2006	197.48	car			see T1 for sample results						
T4	9/13/2006	197.48	car			see T1 for sample results						
T4	12/21/2006	197.48	car			see T1 for sample results						
T4	3/12/2007	197.48	car			see T1 for sample results						
T4	6/20/2007	197.48	car			see T1 for sample results						
T4	9/26/2007	197.48	car			see T1 for sample results						
T4	12/18/2007	197.48	car			see T1 for sample results						
T4	3/12/2008	197.48	car			see T1 for sample results						
T4	6/25/2008	197.48	car			see T1 for sample results						
T4	9/17/2008	197.48	car			see T1 for sample results						
T4	12/17/2008	197.48	car			see T1 for sample results						
T4	3/31/2009	197.48	car			see T1 for sample results						
T4	9/8/2009	197.48	car			see T1 for sample results						
T4	3/24/2010	197.48	car			see T1 for sample results						
T4	6/30/2010	197.48	car									
T4	9/16/2010	197.48	car			see T1 for sample results						
LF 1	1/22/2004	226.59	29.12	197.47								
LF 1	3/30/2004	226.59	26.45	200.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/10/2004	226.59	27.57	199.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/28/2004	226.59	28.72	197.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/8/2004	226.59	car									
LF 1	3/23/2005	226.59	car									
LF 1	6/1/2005	226.59	car									
LF 1	9/21/2005	226.59	car									
LF 1	12/7/2005	226.59	26.67	199.92		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/28/2006	226.59	25.25	201.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/21/2006	226.59	23.05	203.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/13/2006	226.59	29.23	197.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/21/2006	226.59	32.12	194.47		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/12/2007	226.59	31.47	195.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/20/2007	226.59	32.72	193.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/26/2007	226.59	31.82	194.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/18/2007	226.59			car							
LF 1	3/12/2008	226.59	32.06	194.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)									
(CALIFORNIA PUBLIC HEALTH GOAL)					ft		**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**
LF 1	6/25/2008	226.59			well is no longer there						

ND	BELOW LABORATORY DETECTION LIMITS
TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
*	MTBE results confirmed by EPA Method 8260 (GC/MS)
**	LAB REPORT HAD RS-6 AND RS-7 MISLABELED, RESAMPLE ON 7/30/98 CONFIRMED.
	WELL CASING ELEVATION SURVEY 8-27-99, WADE HAMMOND No.6163,BENCH MARK CITY OF OAKLAND #2814
****	SAMPLES ANALYZED USING EPA METHOD 8260B

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

DATE 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 - 8260**B** TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location
					0									
9/24/2009	2671707.5	2671707.5		0	93498	1484363.9	1577861.7							
9/30/2009	2674558.5	2674558.5		0	93498	1487214.9	1580712.7							
10/6/2009	2677631.5	2677631.5		0	93498	1490287.9	1583785.7							
10/16/2009	2682364.5	2682364.5		0	93498	1495020.9	1588518.7							
10/22/2009	2685296.5	2685296.5		0	93498	1497952.9	1591450.7							
10/28/2009	2688019.5	2688019.5		0	93498	1500675.9	1594173.7							
11/6/2009	2692007.5	2692007.5		0	93498	1504663.9	1598161.7							
11/11/2009	2693948.5	2693948.5		0	93498	1506604.9	1600102.7							
11/18/2009	2696697.5	2696697.5		0	93498	1509353.9	1602851.7							
11/25/2009	2699559.5	2699559.5		0	93498	1512215.9	1605713.7							
12/2/2009	2702342.5	2702342.5		0	93498	1514998.9	1608496.7							
12/8/2009	2704812.5	2704812.5		0	93498	1517468.9	1610966.7							
12/16/2009	2708086.5	2708086.5		0	93498	1520742.9	1614240.7							
12/23/2009	2710963.5	2710963.5		0	93498	1523619.9	1617117.7							
12/29/2009	2713496.5	2713496.5		0	93498	1526152.9	1619650.7							
1/7/2010	2717599.0	2717599.0		0	93498	1530255.4	1623753.2							
1/14/2010	2720962.5	2720962.5		0	93498	1533618.9	1627116.7							
1/22/2010	2725261.5	2725261.5		0	93498	1537917.9	1631415.7							
1/28/2010	2729187.5	2729187.5		0	93498	1541843.9	1635341.7							
2/3/2010	2732874.5	2732874.5		0	93498	1545530.9	1639028.7							
2/12/2010	2738225.5	2738225.5		0	93498	1550881.9	1644379.7							
2/17/2010	2741421.0	2741421.0		0	93498	1554077.4	1647575.2							
2/25/2010	2746707.5	2746707.5		0	93498	1559363.9	1652861.7							
3/2/2010	2750612.5	2750612.5		0	93498	1563268.9	1656766.7							
3/11/2010	2758072.5	2758072.5		0	93498	1570728.9	1664226.7							
3/16/2010	2762232.5	2762232.5		0	93498	1574888.9	1668386.7							
3/24/2010	2768886.5	2768941.5		55	93553	1581542.9	1675095.7	1700	200	29	10	110	2.6	RS-5
4/1/2010	2774798.5	2774798.5		0	93553	1587399.9	1680952.7							

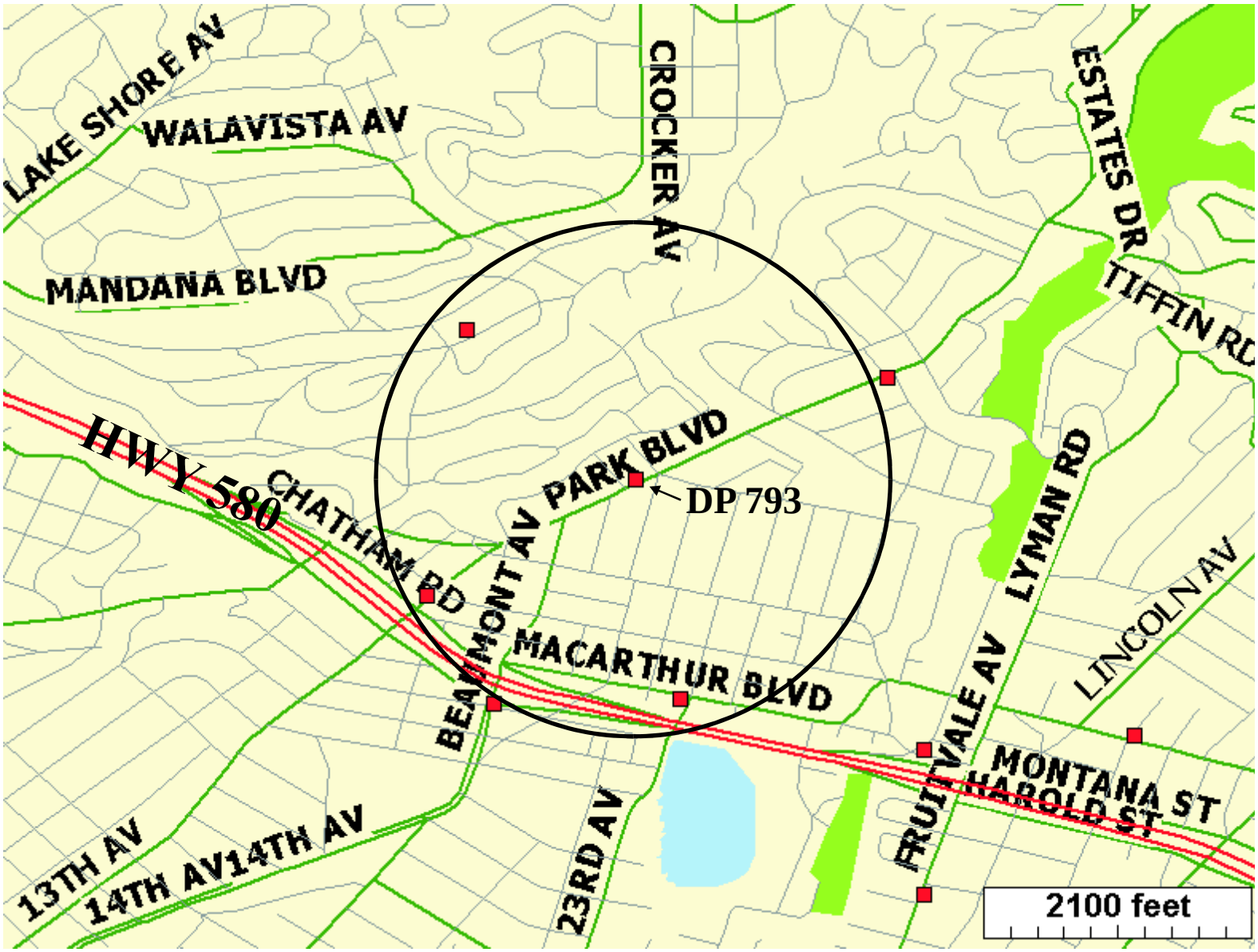
TABLE 2
GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

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 - 8260**B** TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location	
					0										
4/10/2010	2781930.5	2781930.5		0	93553	1594531.9	1688084.7								
4/18/2010	2787977.5	2787977.5		0	93553	1600578.9	1694131.7								
4/21/2010	2789784.5	2789784.5		0	93553	1602385.9	1695938.7								
4/28/2010	2793756.5	2793756.5		0	93553	1606357.9	1699910.7								
5/10/2010	2796994.5	2796994.5		0	93553	1609595.9	1703148.7	pull pump, very clogged, needs shop cleaning.							
6/10/2010	2796996.5	2796996.5		0	93553	1609597.9	1703150.7	reinstall pump after cleaning.							
6/18/2010	2804029.3	2804029.3		0	93553	1616630.7	1710183.5								
6/23/2010	2808403.5	2808403.5		0	93553	1621004.9	1714557.7	pin hole leak in carbon, turn system off.							
6/30/2010	2808417.9	2808417.9		0	93553	1621019.3	1714572.1	280	6.3	1.1	<0.5	19	<0.5	RS-5	
6/30/2010	turn system on to obtain samples, then turn system off, remove pump and pump controller.						suspend sewer discharge								
9/16/2010	2808417.9	2808448.5		31	93583	1621019.3	1714602.7	dishcarged purged monitor well water through carbon to sewer							

< BELOW LABORATORY LOWER DETECTION LIMITS
* SAMPLED ON AUGUST 26, 1999

ug/L micrograms per liter (parts per billion)
mg/L milligrams per liter (parts per million)
mg/Kg milligrams per kilogram (parts per million)
TPHg TOTAL PETROLEUM HYDROCARBONS GASOLINE RANGE
MTBE METHYL TERTIARY BUTYL ETHER
T1 Receptor Trench Well
RS5 Monitor Well RS5 (pumping well)

WESTERN GEO-ENGINEERS



N
W E
S

LUST SITES

WELLS

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

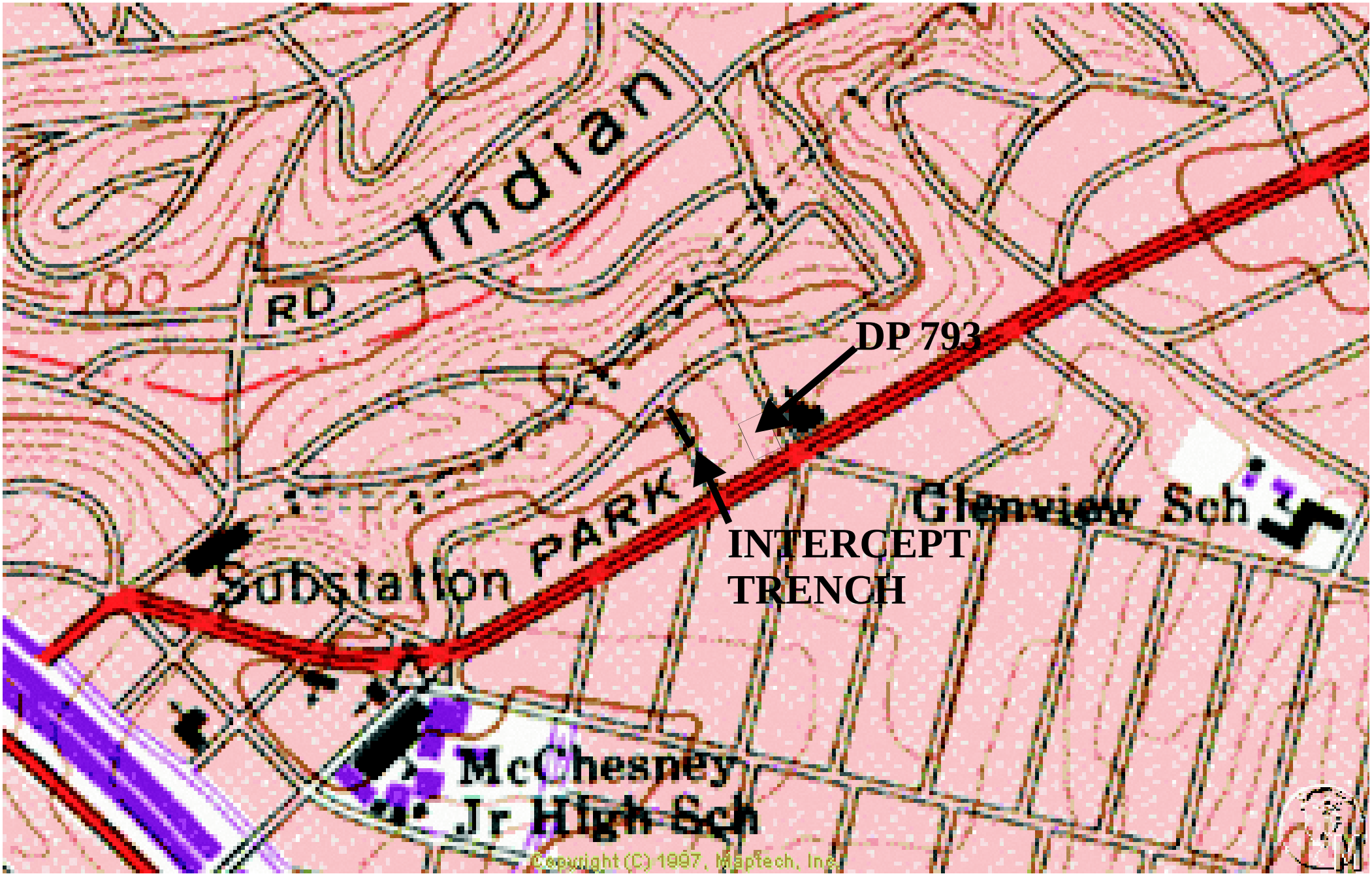


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

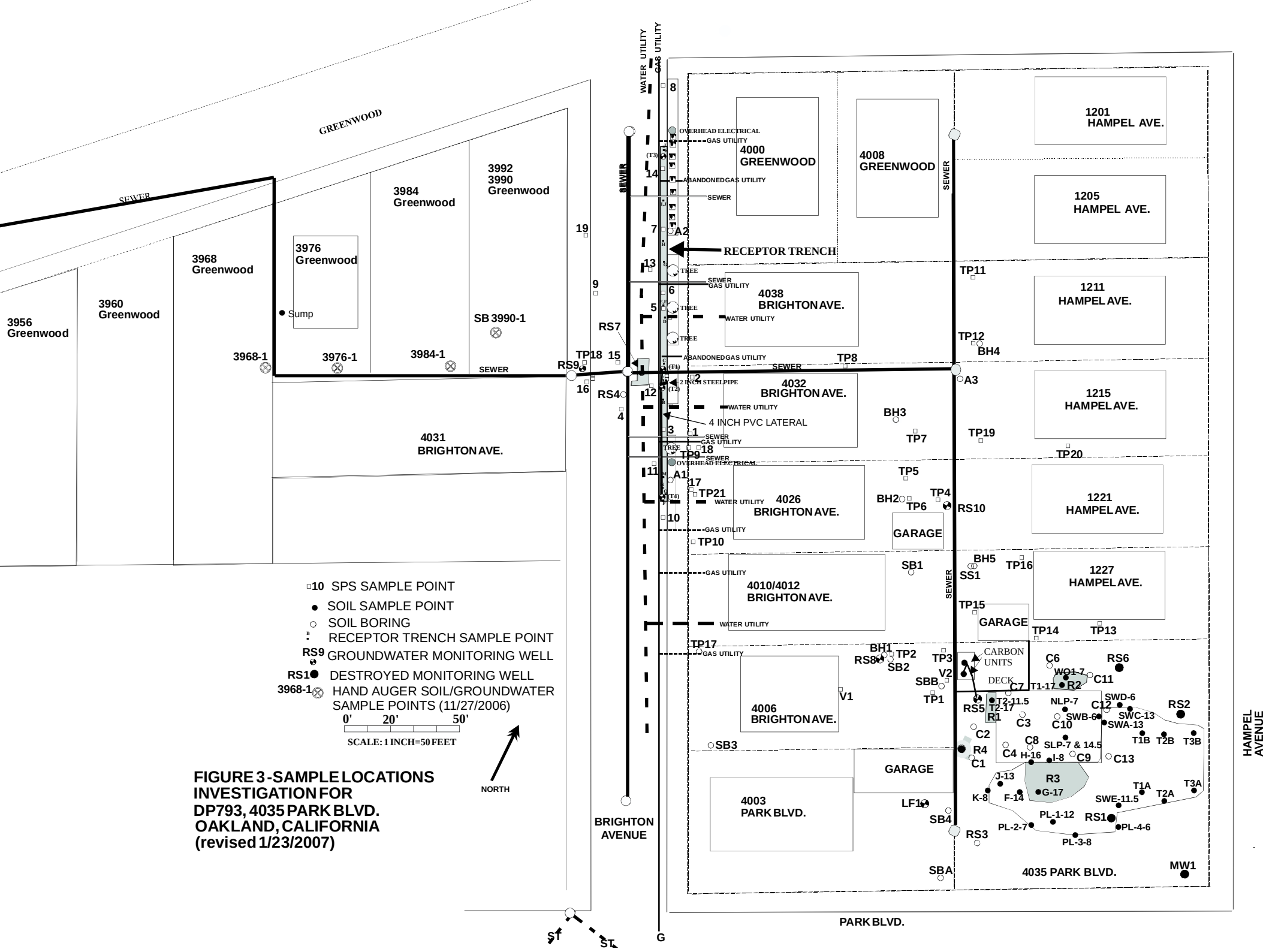


FIGURE 3 - SAMPLE LOCATIONS INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA (revised 1/23/2007)

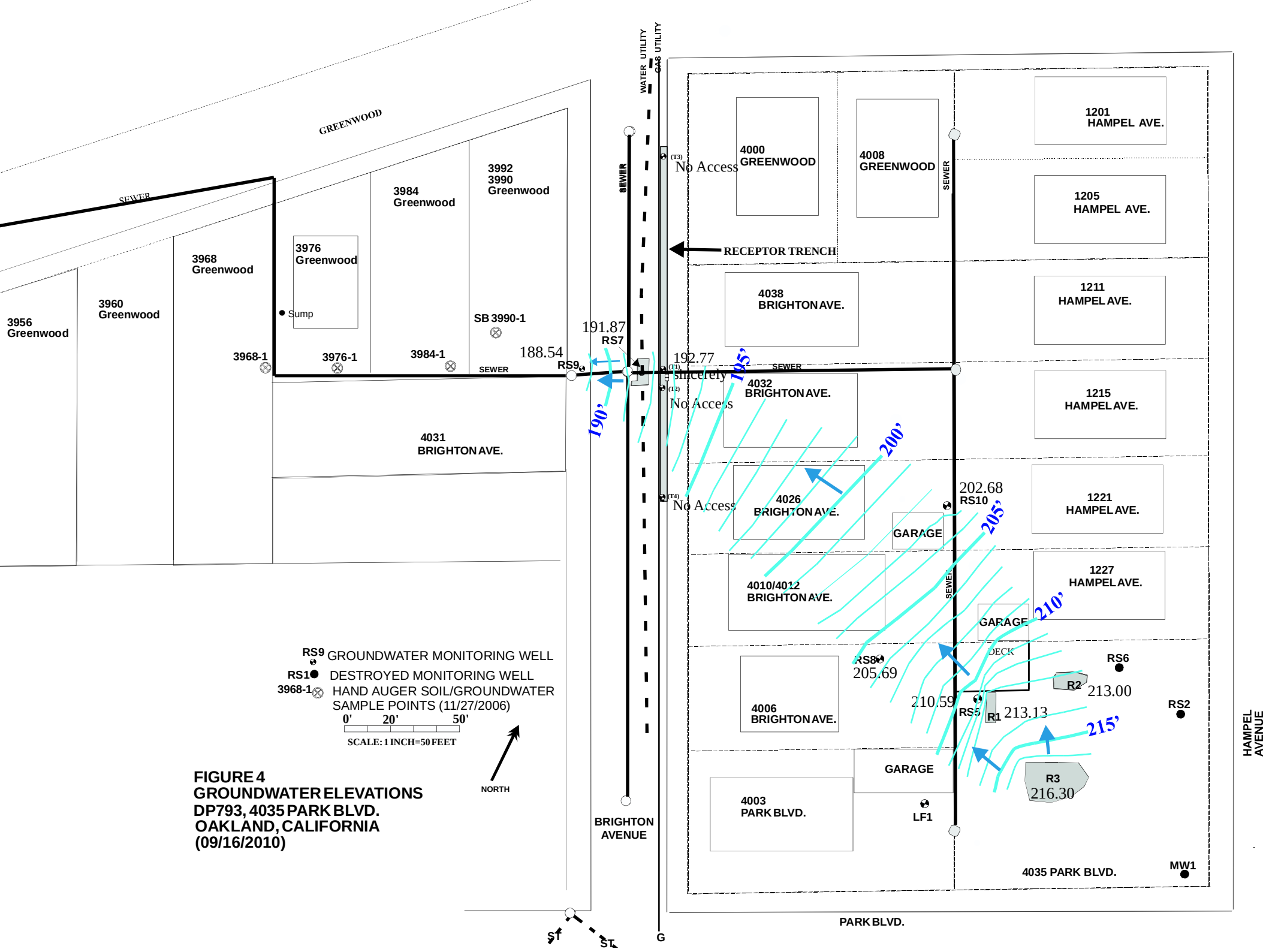


FIGURE 4
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(09/16/2010)

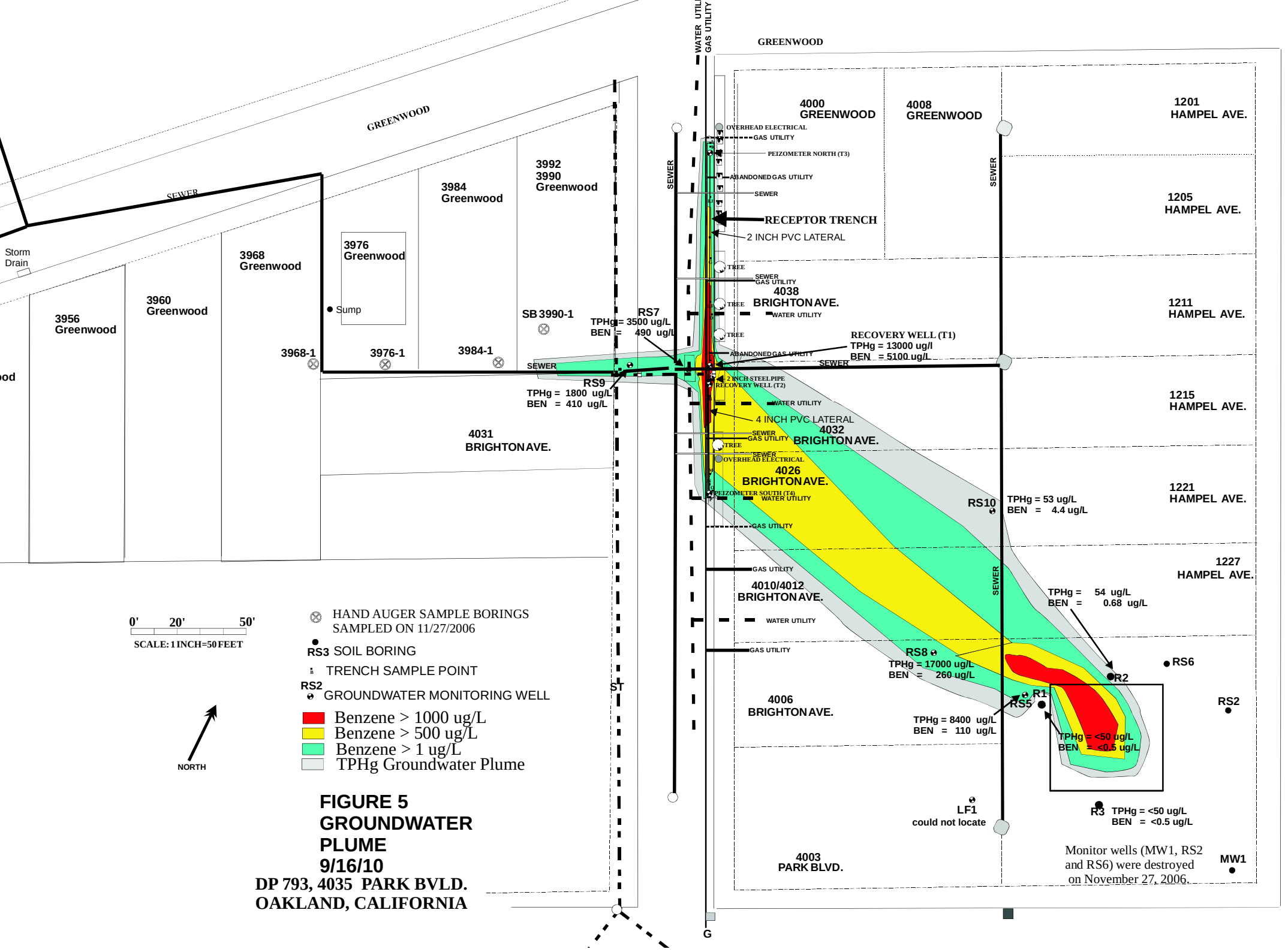


FIGURE 5
GROUNDWATER PLUME
9/16/10
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

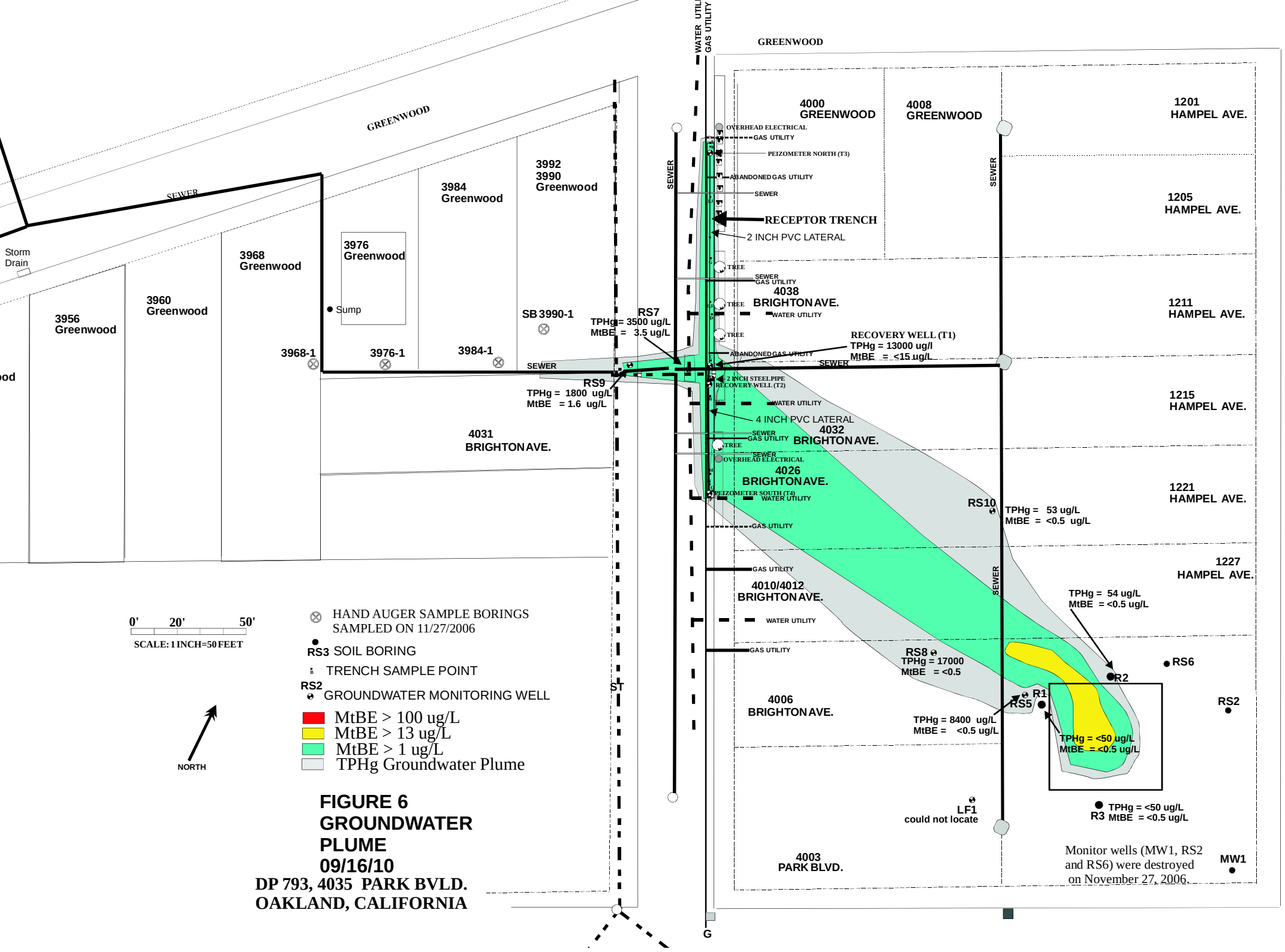


FIGURE 6
GROUNDWATER PLUME
09/16/10
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

APPENDIX A.

METHODS AND PROCEDURES, QA/QC

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

Gauging and Measuring Monitor Wells.

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

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

Purging Standing Water from Monitor Wells

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

Collection of Water Sample for Analysis

The well is allowed to recover after purging and a ground water sample is collected. A fresh bailer is used to collect enough water for the requirements of the laboratory for the analyses needed or required. The water samples are decanted from the bailer into the appropriate number and size containers. These containers are furnished pre-cleaned to exact EPA protocols, with and without preservatives added, by the analytical laboratory or a chemical supply company. The bottles are filled, with no headspace, and then capped with plastic caps with teflon liners.

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

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.

September 8, 2010

Dear Property Owner/Renter

Western Geo-Engineers will be sampling the monitor wells along Brighton Avenue parking areas in front of 4026 and 4032 Brighton Avenue along with the monitor wells within the backyards of 4006 and 4026 Brighton Avenue on September 16, 2010. Please allow access to these wells.

The wells will be sampled between 10**AM and 1:00 PM on September 16, 2010**. If you need to contact me prior to the sampling event please call my office at (530) 668-5300.

Another issue: The proposed construction of a line from our wells in Brighton Avenue to the site. Has been **postponed** due to budget restrictions. Once a new construction date has been obtained you will be notified. This construction (trenching) will involve the east curb area of Brighton Avenue and the south curb area of Park Blvd. Excavation of gasoline contaminated soils located on the lot of 4035 Park Blvd. has also been postponed.

Regards,

George Converse
Project Geologist
(530) 668-5300

-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

GROUNDWATER ELEVATION DATA
AND PRODUCT THICKNESS MEASUREMENTS

SITE **DP 793, 4035 Park Blvd., Oakland, CA.**
DATE **September 16, 2010** START TIME
MEASURED BY **George Converse** DTW METER USED **Solinst Model 122**

WELL ID	Casing Elevation in feet	DEPTH OF WELL feet below top of casing (fbtc)	DEPTH TO WATER (fbtc)	DEPTH TO TOP OF FLUID (fbtc)	Free Phase floating (feet)	WATER COLUMN IN FEET	Water Elevation
RS05	227.61	39.20	17.20	17.20	0	22.0	210.59
RS07	195.99	7.25	4.12	4.12	0	2.88	191.87
RS08	214.67	14.50	8.98	8.98	0	5.5	205.69
RS09	195.63	15.50	7.02	7.02	0	8.48	188.54
RS10	208.46	9.80	5.78	5.78	0	~~4.0~~ 4.8	202.68
RO1	227.69	16.8	14.56	14.56	0	2.2	213.13
RO2	227.28	16.92	14.28	14.28	0	2.6	213.00
RO3	227.25	11.74	10.95	10.95	0	0.79	216.30
T01	195.11	10	2.34	2.34	0	~~7.86~~	192.77
T02	195.30	10	Cap				
T03	202.38	10	Cap				
T04	197.48	10	Cap				

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

Sewer discharge meter and 0602702.0
start 0602672.0

@ 5psi w/ Carbon in. 30 gal

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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WOODLAND CA 95776-6003
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wege@cal.net

WELL SAMPLE DATA SHEET

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

.65
22
130
130
1430

DATE **September 16, 2010**
WELL ID# **RS05**
CASING ELEVATION, IN FEET **227.61**
CASING TOTAL DEPTH, IN FEET **39.20**
CASING DIAMETER IN INCHES **4"**
DEPTH TO TOP OF FLUID **17.20**

DEPTH TO TOP OF WATER **17.20**
TOP OF WATER ELEVATION **210.59**
PUMP TYPE **Hand Bail**
DTW METER USED **SOLINST MODEL 122**

START TIME
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET **22.0**
G/L PURGE ONE CASING VOLUME **1.4 gal**
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used **HANNA HI 99130**

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.)
1548			1 Bailer	18.4	3.66	664	332		Clear to cloudy
1555			2.0	18.2	3.72	687	343		SV Turbid grey
1558			4.0	18.2	3.78	703	350		
1603			6.0	18.2	5.53	706	354		
							DTW =		18.10

FINAL VOLUME PURGED **6.25 gal**
TIME SAMPLED **1610**

SAMPLE ID# **RS05**
NOTES **pump removed**

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

-WEGE-

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GEO-ENGINEERS
CALIF. CONTRACTOR #513857
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wege@cal.net

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 16, 2010**
WELL ID# **R1**
CASING ELEVATION, IN FEET **227.69**
CASING TOTAL DEPTH, IN FEET **16.80**
CASING DIAMETER IN INCHES **6"**
DEPTH TO TOP OF FLUID **14.56**

DEPTH TO TOP OF WATER **14.56**
TOP OF WATER ELEVATION
PUMP TYPE **Hand Bail**
DTW METER USED **SOLINST MODEL 122**

START TIME
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET **2.2**
G/L PURGE ONE CASING VOLUME **3.2 gl**
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used **HANNA HI 99130**

22
1.47
2.2
9 4
2 9 4
2 9 4
32 34

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.)
1527			1 Bailer	19.3	3.62	533	266		Clear no odor
1530			2.0	19.0	3.56	506	254		SI Turbid gray
1533			4.0	19.0	3.53	498	249		
1536			6.0	19.1	3.51	496	247		
1540			8.0	19.0	3.53	500	246		
							DTW=	14.75	

FINAL VOLUME PURGED **8.25**
TIME SAMPLED **1542**
SAMPLE ID# **R1**
NOTES

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

WESTERN
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wege@cal.net

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 16, 2010 START TIME
WELL ID# R2 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.28 WATER COLUMN, IN FEET 2.06
CASING TOTAL DEPTH, IN FEET 16.92 G/L PURGE ONE CASING VOLUME 7.8 gl
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 14.28 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 14.28 FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Hand Bail PUMP RATE
DTW METER USED SOLINST MODEL 122 pH, Cond, Temp meter used HANNA HI 99130

2 4
1.47
2.6
882
294
3822

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.)
1458			12.16	~~22.5~~ 20.6	~~5.84~~ 3.87	1333	665		@ low no odor
1500			2.0	19.7	3.90	1300	650		SY Turbid grey no odor
1505			4.0	19.5	3.93	1292	647		
1508			6.0	19.4	3.93	1289	645		
1513			8.0	19.4	3.95	1287	642		
							DTW =		14.40

FINAL VOLUME PURGED 8.25 gl
TIME SAMPLED 1518
SAMPLE ID# R2
NOTES

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

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GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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(530) 668-5300
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wege@pcnl.net

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 16, 2010
WELL ID# RECEPTOR TRENCH T1, T2, T3, T4
CASING ELEVATION, IN FEET T2=195.30
CASING TOTAL DEPTH, IN FEET 10
CASING DIAMETER IN INCHES 4"
DEPTH TO TOP OF FLUID 2.34

DEPTH TO TOP OF WATER 2.34
TOP OF WATER ELEVATION
PUMP TYPE Hand Bail
DTW METER USED SOLINST MODEL 122

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 7.66
G/L PURGE ONE CASING VOLUME 5.0
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1322			1 Bailer	22.4	3.84	762	381		clear
1325			2.0	21.6	3.86	831	415		" odor
1327			4.0	21.1	3.87	852	427		"
1330			6.0	21.0	3.93	856	429		
1332			8.0	20.7	3.91	861	430		
							DTW = 2.35		

FINAL VOLUME PURGED 8.25
TIME SAMPLED 1335
SAMPLE ID# T1
NOTES

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

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REGISTERED GEOLOGISTS

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wego@cal.net

2.9
.65
145
174
1885

WELL SAMPLE DATA SHEET

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

DATE September 16, 2010
WELL ID# RS07
CASING ELEVATION, IN FEET 195.99
CASING TOTAL DEPTH, IN FEET 7.0
CASING DIAMETER IN INCHES 4"
DEPTH TO TOP OF FLUID 4.12
DEPTH TO TOP OF WATER 4.12
TOP OF WATER ELEVATION
PUMP TYPE hand bail
DTW METER USED SOLINST MODEL 122

START TIME
SAMPLE BY CONVERSE
WATER COLUMN, IN FEET 2.88
G/L PURGE ONE CASING VOLUME 1.9 gal
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1255			1 gal	21.7	3.87	857	428		Clear no odor
1303			2.0	20.0	3.98	783	393		Turbid Gray
1305			4.0	20.5	~~[illegible]~~ 4.05	~~4756~~	378		"
1308			6.0	20.3	~~[illegible]~~ 4.06	744	~~[illegible]~~ 371		
							DTW =		4.25

FINAL VOLUME PURGED 6.25
TIME SAMPLED 1310
SAMPLE ID# RS07
NOTES

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

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GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 16, 2010**
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 **7.02**

DEPTH TO TOP OF WATER **7.02**
TOP OF WATER ELEVATION
PUMP TYPE **DISPOSABLE BAILER**
DTW METER USED **SOLINST MODEL 122**

START TIME
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET **8.48**
G/L PURGE ONE CASING VOLUME **1.4 gl**
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used **HANNA HI 99130**

8.5
.165
425
510
85
1402.5

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
12:25			1.0	19.0	3.45	301	154		Clear no odor
12:30			1.0	18.6	3.42	318	159		SL Turbid Lt Brn no odor
12:33			2.0	18.5	346	319	158		"
12:36			3.0	18.3	357	178	354		"
12:38			4.0	18.3	363	407	204		
12:42			4.5	18.2	370	438	219		10.85
							DTW =		

FINAL VOLUME PURGED 4.75
TIME SAMPLED 12:45

SAMPLE ID# **RS09**
NOTES

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

-WEGE-
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CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS
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wege@cal.net

5.5
.165
275
330
55
90 75

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **September 16, 2010**
WELL ID# **RS08**
CASING ELEVATION, IN FEET **214.67**
CASING TOTAL DEPTH, IN FEET **14.5**
CASING DIAMETER IN INCHES **2"**
DEPTH TO TOP OF FLUID 8.98
DEPTH TO TOP OF WATER 8.98
TOP OF WATER ELEVATION
PUMP TYPE **DISPOSABLE BAILER**
DTW METER USED **SOLINST MODEL 122**

START TIME
SAMPLE BY **CONVERSE**
WATER COLUMN, IN FEET 5.5
G/L PURGE ONE CASING VOLUME 0.9gls
(CASING MULTIPLIERS: 2 INCH = 0.165 gl/FT
2" = 0.625 L/FT   4 INCH = 0.65 gl/FT
4" = 2.46 L/FT   6 INCH = 1.47 gl/FT)
FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
FREE PHASE PRODUCT THICKNESS
PUMP RATE
pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
11:15			1 Bailer	17.5	5.53	1118	562		Tr. gcks? [illegible]
11:25			1.0	17.0	3.59	1122	563		
11:28			2.0	16.8	3.58	1123	561		
11:31			3.0	16.7	3.61	1110	555		Tr fine
									Lt gray
									[illegible]
					DTW = 12.40'				? [illegible]

FINAL VOLUME PURGED 3.25 gls
TIME SAMPLED 11:33
SAMPLE ID# **RS08**
NOTES

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

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
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): George Conerie	California EDF Report? ☒ Yes ☐ No
Company / Address: WCE / 1386 E Lexington Ave Woodland, CA 95776	Sampling Company Log Code:
Phone Number: 530 668 5300	Global ID:
Fax Number:	EDF Deliverable To (Email Address):
Project #: Sept 2010 / P.O. #:	Bill to: Paid ck# 9233
Project Name: DP793	Sampler Print Name: George Conerie
	Sampler Signature:

Project Address: Oakland

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	6 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (6 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 624.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	TAT	For Lab Use Only
RS05	9/16/10	1610	3					X			X			X	X	X														1wk	
RS07		1310																													
RS08		1133																													
RS09		1245																													
RS10		1208																													
T1		1335																													
R1		1542																													
R2		1518																													
R3		1447																													

Relinquished by:	Date: 9-17-10	Time: 1703	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 091710	Time: 1702	Received by Laboratory: Kiff Analytical LLC

Remarks: $594.00 paid by check #9233 091710

Distribution: White - Lab; Pink - Originator
Rev: 080408

george.net

From: "Cari, Angelee" <acari@ebmud.com>
To: <almccowen@aol.com>
Cc: "george.net" <wege@cal.net>; "Cari, Angelee" <acari@ebmud.com>
Sent: Wednesday, September 08, 2010 3:24 PM
Subject: Temporary small discharge from Desert Petroleum

George,

Per our discussion you plan to do some semiannual well sampling at the Desert Petroleum site in Oakland to comply with Alameda County local oversight. You expect to generate maximum 40-50 gallons of wastewater, treated through one carbon filter. Due to the small volume EBMUD can accept this wastewater discharge without a current permit for this particular discharge event. Future discharge events may require a wastewater discharge permit prior to approval of discharge.

Thank you for contacting me regarding this discharge and please feel free to call with any questions.

Regards,

Angelee Cari
Wastewater Control Representative
East Bay Municipal Utility District
☎ Phone: 510-287-0290
🖷 Fax: 510-287-0621
✉ acari@ebmud.com

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE September 16, 2010 START TIME
WELL ID# R3 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.25 WATER COLUMN, IN FEET 0.79
CASING TOTAL DEPTH, IN FEET 11.74 G/L PURGE ONE CASING VOLUME 1.29 G
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 10.95 4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 10.95 FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Hand Bail PUMP RATE
DTW METER USED SOLINST MODEL 122 pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1425			1.5, 1.0	22.6	4.68	1440	720		clear no odor
1427			2.0	22.2	4.76	1191	595		
1431			2.5	22.6	4.93	995	498		
1435			3.0	22.1	4.82	963	481		
1445			3.75	21.7	4.81	950	475		
							DTW =		10.95

FINAL VOLUME PURGED 4.0
TIME SAMPLED 1447
SAMPLE ID# R3
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 **September 16, 2010** START TIME
WELL ID# **RS10** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **208.46** WATER COLUMN, IN FEET 4.60
CASING TOTAL DEPTH, IN FEET **9.78'** G/L PURGE ONE CASING
VOLUME 0.66 gals
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 5.78 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 5.78 FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **DISPOSABLE BAILER** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

.165 × 4 = .660

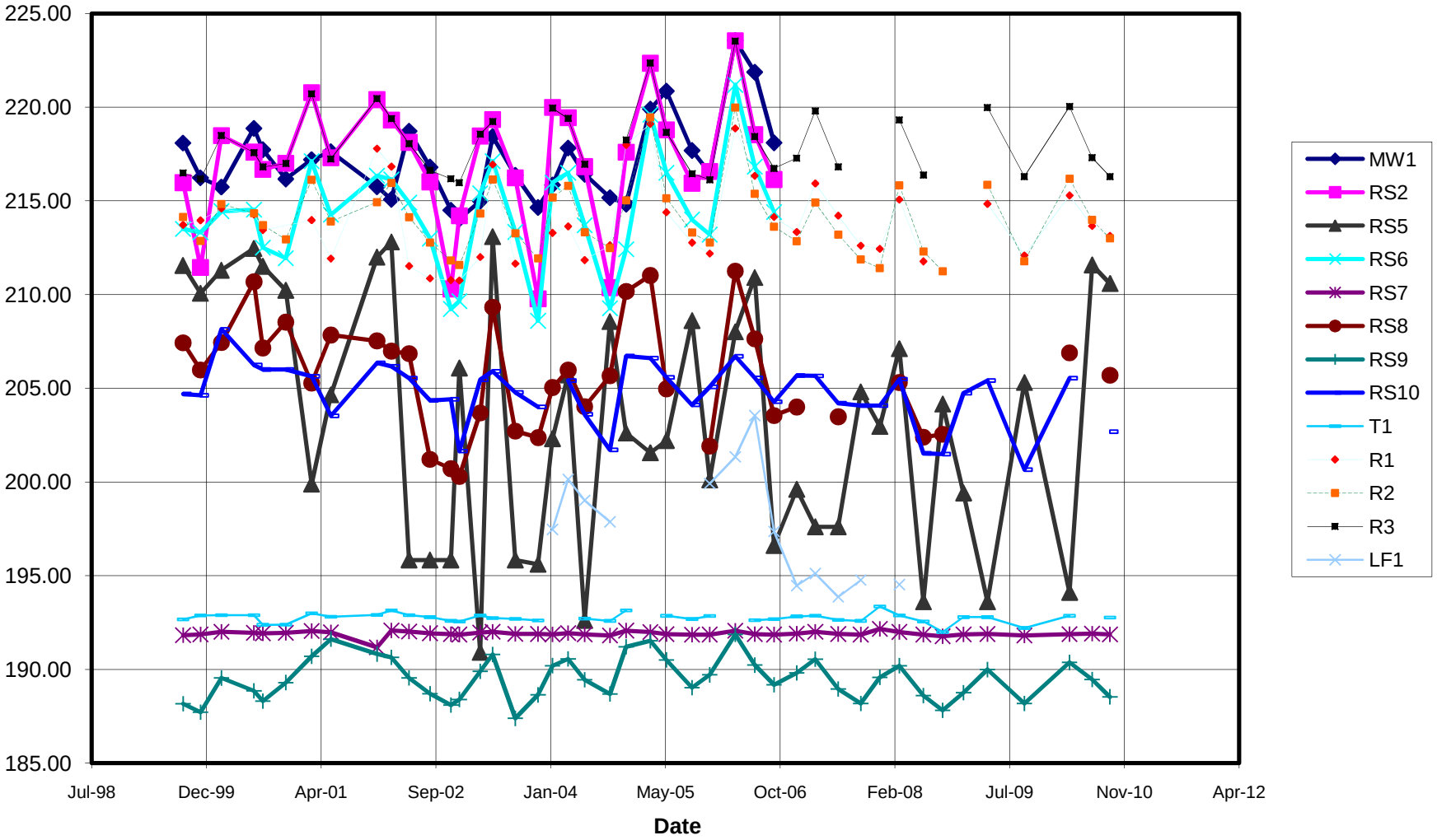
TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL. GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
11:55			1 Bailer	17.6	2.94	318	160		Clear No odor
11:59			0.75	17.5	2.76	304	151		SI Turbid Gray - No odor
12:01			1.5	17.4	2.75	306	153		SI
12:03			2.25	17.3	2.79	313	156		SI
							DTW =		8.55

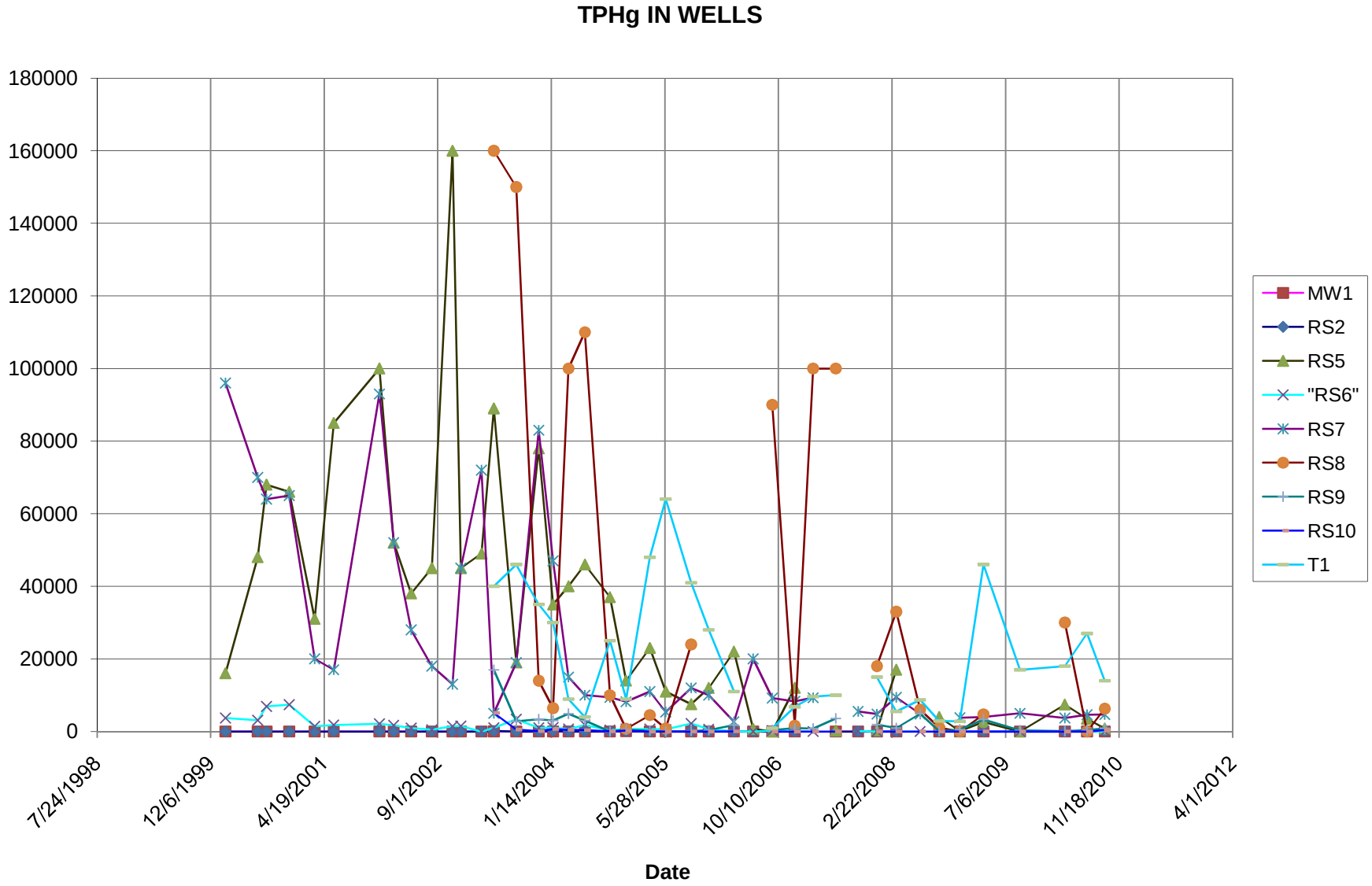
FINAL VOLUME PURGED 2.50 gals ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 12:08 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **RS10** LABORATORY USED **KIFF Analytical**

APPENDIX B.

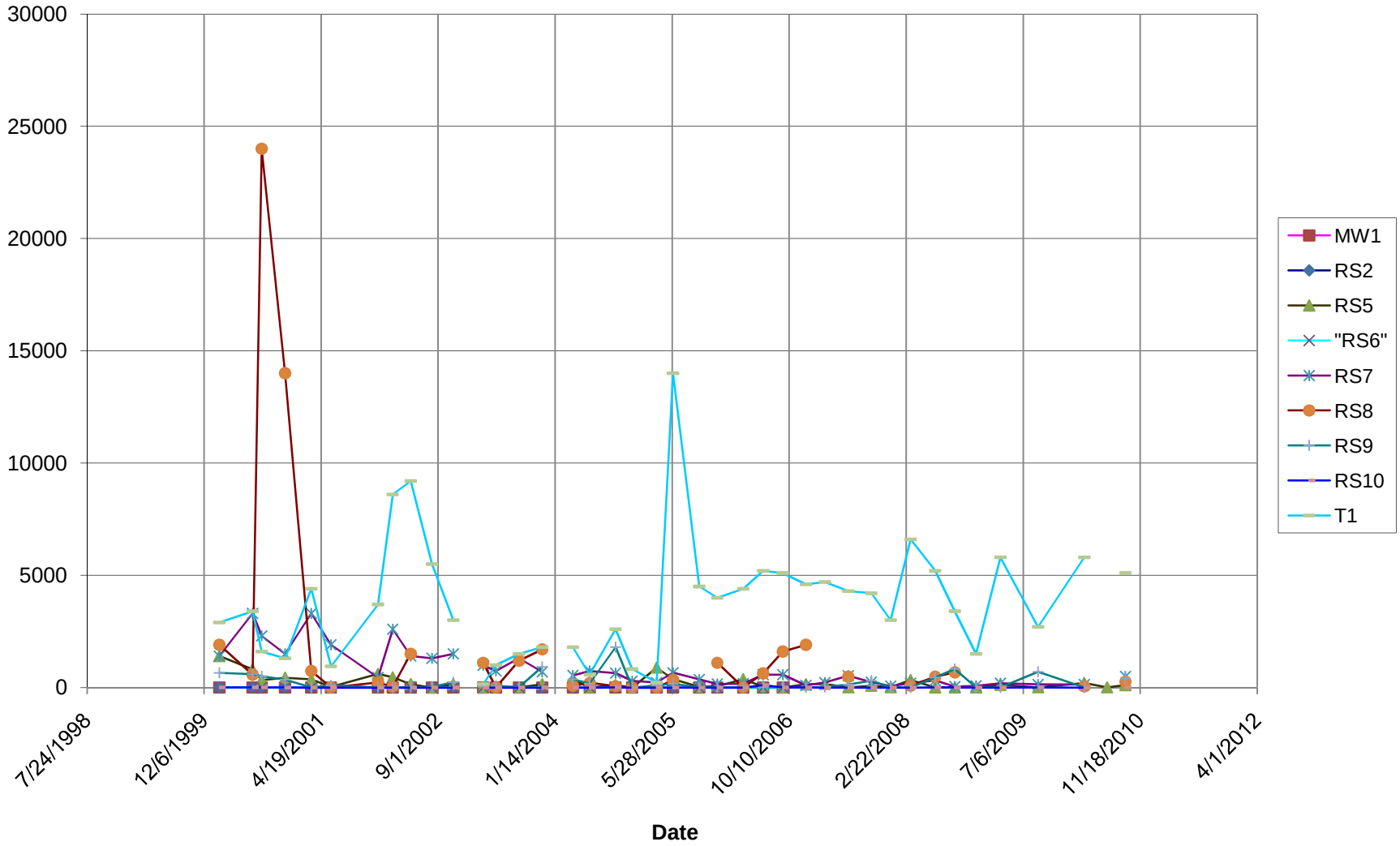
GROUNDWATER ELEVATION CHART
TPHg, Benzene & MtBE IN WELLS CHARTS

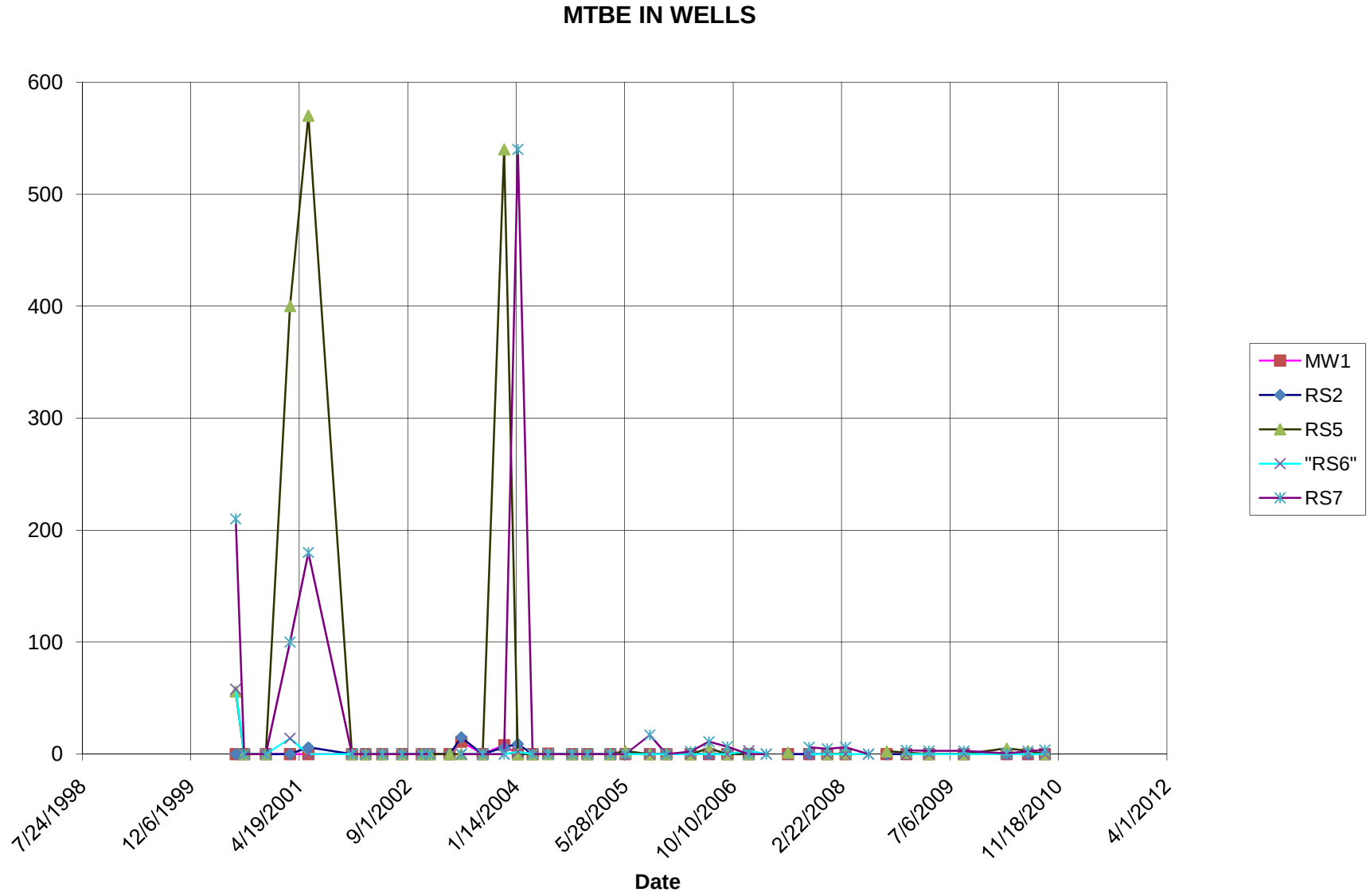
Groundwater Elevation




TPHg IN WELLS
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
7/24/1998
12/6/1999
4/19/2001
9/1/2002
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
Date
MW1
RS2
RS5
"RS6"
RS7
RS8
RS9
RS10
T1

BENZENE IN WELLS




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

APPENDIX C.

LABORATORY REPORTS

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Laboratory Results

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

Subject : 9 Water Samples
Project Name : DP793
Project Number : Sept 2010

Dear Mr. Converse,

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Subject : 9 Water Samples
Project Name : DP793
Project Number : Sept 2010

Case Narrative

Matrix Spike/Matrix Spike Duplicate results associated with samples RS05, RS09, R1, and R2 for the analytes Ethylbenzene, O-Xylene and P + M Xylene were affected by the analyte concentrations already present in the un-spiked sample.

Matrix Spike/Matrix Spike Duplicate results associated with samples RS08 and R3 for the analyte Methyl-t-butyl ether were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.

Matrix Spike/Matrix Spike Duplicate results associated with samples RS08 and R3 for the analytes Ethylbenzene, P + M Xylene, and Toluene were affected by the analyte concentrations already present in the un-spiked sample.

Matrix Spike/Matrix Spike Duplicate results associated with batch V-M67837 for the analyte Benzene were affected by the analyte concentrations already present in the un-spiked sample. No Benzene data from this batch was reported for this project.

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Project Name : DP793
Project Number : Sept 2010

Sample : RS05 Matrix : Water Lab Number : 74607-01
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	110	0.50	ug/L	EPA 8260B	09/18/10 10:06
Toluene	31	0.50	ug/L	EPA 8260B	09/18/10 10:06
Ethylbenzene	180	0.50	ug/L	EPA 8260B	09/18/10 10:06
Total Xylenes	640	2.0	ug/L	EPA 8260B	09/20/10 14:57
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 10:06
TPH as Gasoline	8400	200	ug/L	EPA 8260B	09/20/10 14:57
1,2-Dichloroethane-d4 (Surr)	86.3		% Recovery	EPA 8260B	09/18/10 10:06
Toluene - d8 (Surr)	86.7		% Recovery	EPA 8260B	09/18/10 10:06

Sample : RS07 Matrix : Water Lab Number : 74607-02
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	490	1.5	ug/L	EPA 8260B	09/20/10 14:25
Toluene	9.0	0.50	ug/L	EPA 8260B	09/18/10 10:16
Ethylbenzene	56	0.50	ug/L	EPA 8260B	09/18/10 10:16
Total Xylenes	12	0.50	ug/L	EPA 8260B	09/18/10 10:16
Methyl-t-butyl ether (MTBE)	3.5	0.50	ug/L	EPA 8260B	09/18/10 10:16
TPH as Gasoline	3500	50	ug/L	EPA 8260B	09/18/10 10:16
1,2-Dichloroethane-d4 (Surr)	92.5		% Recovery	EPA 8260B	09/18/10 10:16
Toluene - d8 (Surr)	92.3		% Recovery	EPA 8260B	09/18/10 10:16

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Project Name : DP793
Project Number : Sept 2010

Sample : RS08 Matrix : Water Lab Number : 74607-03
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	260	0.50	ug/L	EPA 8260B	09/18/10 10:37
Toluene	140	0.50	ug/L	EPA 8260B	09/18/10 10:37
Ethylbenzene	240	0.50	ug/L	EPA 8260B	09/18/10 10:37
Total Xylenes	1600	5.0	ug/L	EPA 8260B	09/20/10 15:32
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 10:37
TPH as Gasoline	17000	500	ug/L	EPA 8260B	09/20/10 15:32
1,2-Dichloroethane-d4 (Surr)	98.6		% Recovery	EPA 8260B	09/20/10 15:32
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	09/20/10 15:32

Sample : RS09 Matrix : Water Lab Number : 74607-04
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	410	0.90	ug/L	EPA 8260B	09/20/10 13:52
Toluene	2.5	0.50	ug/L	EPA 8260B	09/18/10 12:13
Ethylbenzene	3.5	0.50	ug/L	EPA 8260B	09/18/10 12:13
Total Xylenes	17	0.50	ug/L	EPA 8260B	09/18/10 12:13
Methyl-t-butyl ether (MTBE)	1.6	0.50	ug/L	EPA 8260B	09/18/10 12:13
TPH as Gasoline	1800	50	ug/L	EPA 8260B	09/18/10 12:13
1,2-Dichloroethane-d4 (Surr)	99.9		% Recovery	EPA 8260B	09/18/10 12:13
Toluene - d8 (Surr)	94.6		% Recovery	EPA 8260B	09/18/10 12:13

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Project Name : DP793
Project Number : Sept 2010

Sample : RS10 Matrix : Water Lab Number : 74607-05
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	4.4	0.50	ug/L	EPA 8260B	09/21/10 16:24
Toluene	3.6	0.50	ug/L	EPA 8260B	09/21/10 16:24
Ethylbenzene	0.80	0.50	ug/L	EPA 8260B	09/21/10 16:24
Total Xylenes	1.4	0.50	ug/L	EPA 8260B	09/21/10 16:24
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/21/10 16:24
TPH as Gasoline	53	50	ug/L	EPA 8260B	09/21/10 16:24
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	09/21/10 16:24
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	09/21/10 16:24

Sample : T1 Matrix : Water Lab Number : 74607-06
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	5100	15	ug/L	EPA 8260B	09/17/10 22:50
Toluene	58	15	ug/L	EPA 8260B	09/17/10 22:50
Ethylbenzene	110	15	ug/L	EPA 8260B	09/17/10 22:50
Total Xylenes	110	15	ug/L	EPA 8260B	09/17/10 22:50
Methyl-t-butyl ether (MTBE)	< 15	15	ug/L	EPA 8260B	09/17/10 22:50
TPH as Gasoline	13000	1500	ug/L	EPA 8260B	09/17/10 22:50
1,2-Dichloroethane-d4 (Surr)	96.9		% Recovery	EPA 8260B	09/17/10 22:50
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	09/17/10 22:50

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Project Name : DP793
Project Number : Sept 2010

Sample : R1 Matrix : Water Lab Number : 74607-07
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:16
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:16
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:16
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:16
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:16
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/18/10 13:16
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	09/18/10 13:16
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	09/18/10 13:16

Sample : R2 Matrix : Water Lab Number : 74607-08
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	0.68	0.50	ug/L	EPA 8260B	09/18/10 13:48
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:48
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:48
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:48
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 13:48
TPH as Gasoline	54	50	ug/L	EPA 8260B	09/18/10 13:48
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	09/18/10 13:48
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	09/18/10 13:48

KIFF Analytical LLC

Report Number : 74607
Date : 09/23/2010

Project Name : DP793
Project Number : Sept 2010

Sample : R3 Matrix : Water Lab Number : 74607-09
Sample Date :09/16/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 14:38
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 14:38
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 14:38
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 14:38
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/10 14:38
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/18/10 14:38
1,2-Dichloroethane-d4 (Surr)	98.9		% Recovery	EPA 8260B	09/18/10 14:38
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/18/10 14:38

Report Number : 74607

Date : 09/23/2010

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **Sept 2010**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/16/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/16/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/16/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/16/2010
1,2-Dichloroethane-d4 (Surr)	94.8		%	EPA 8260B	09/16/2010
Toluene - d8 (Surr)	98.8		%	EPA 8260B	09/16/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/20/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/20/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/20/2010
1,2-Dichloroethane-d4 (Surr)	96.7		%	EPA 8260B	09/20/2010
Toluene - d8 (Surr)	101		%	EPA 8260B	09/20/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/18/2010
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	09/18/2010
Toluene - d8 (Surr)	100		%	EPA 8260B	09/18/2010

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/18/2010
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	09/18/2010
Toluene - d8 (Surr)	105		%	EPA 8260B	09/18/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/18/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/18/2010
1,2-Dichloroethane-d4 (Surr)	97.4		%	EPA 8260B	09/18/2010
Toluene - d8 (Surr)	98.2		%	EPA 8260B	09/18/2010
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/21/2010
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/21/2010
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/21/2010
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/21/2010
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/21/2010
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/21/2010
1,2-Dichloroethane-d4 (Surr)	98.4		%	EPA 8260B	09/21/2010
Toluene - d8 (Surr)	98.3		%	EPA 8260B	09/21/2010

KIFF ANALYTICAL, LLC

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

Report Number : 74607

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/23/2010

Project Name : **DP793**

Project Number : **Sept 2010**

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														
	74551-01	<0.50	39.8	40.0	38.9	39.0	ug/L	EPA 8260B	9/16/10	97.8	97.4	0.387	80-120	25
Ethylbenzene														
	74551-01	<0.50	39.8	40.0	40.3	40.7	ug/L	EPA 8260B	9/16/10	101	102	0.366	80-120	25
Methyl-t-butyl ether														
	74551-01	<0.50	39.8	40.0	37.2	37.6	ug/L	EPA 8260B	9/16/10	93.6	94.1	0.511	69.7-121	25
O-Xylene														
	74551-01	<0.50	39.8	40.0	39.8	40.4	ug/L	EPA 8260B	9/16/10	100	101	0.728	79.7-120	25
P + M Xylene														
	74551-01	<0.50	39.8	40.0	40.0	40.6	ug/L	EPA 8260B	9/16/10	101	101	0.683	76.8-120	25
Toluene														
	74551-01	<0.50	39.8	40.0	38.9	39.3	ug/L	EPA 8260B	9/16/10	97.9	98.3	0.387	80-120	25
Benzene														
	74607-05	4.5	39.8	39.6	40.7	41.1	ug/L	EPA 8260B	9/20/10	91.1	92.4	1.36	80-120	25
P + M Xylene														
	74607-05	1.6	39.8	39.6	38.6	38.6	ug/L	EPA 8260B	9/20/10	93.3	93.5	0.287	76.8-120	25
Toluene														
	74607-05	3.9	39.8	39.6	42.8	42.9	ug/L	EPA 8260B	9/20/10	97.7	98.4	0.668	80-120	25

KIFF ANALYTICAL, LLC

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

Report Number : 74607

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/23/2010

Project Name : **DP793**

Project Number : **Sept 2010**

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														
	74607-01	110	40.0	40.0	148	145	ug/L	EPA 8260B	9/18/10	101	93.4	7.72	80-120	25
Ethylbenzene														
	74607-01	180	40.0	40.0	240	237	ug/L	EPA 8260B	9/18/10	**138**	**131**	5.72	80-120	25
Methyl-t-butyl ether														
	74607-01	<0.50	40.0	40.0	40.0	40.0	ug/L	EPA 8260B	9/18/10	99.9	100	0.0234	69.7-121	25
O-Xylene														
	74607-01	180	40.0	40.0	220	217	ug/L	EPA 8260B	9/18/10	112	104	6.96	79.7-120	25
P + M Xylene														
	74607-01	440	40.0	40.0	494	487	ug/L	EPA 8260B	9/18/10	**143**	**125**	13.4	76.8-120	25
Toluene														
	74607-01	31	40.0	40.0	67.4	65.4	ug/L	EPA 8260B	9/18/10	90.0	85.0	5.67	80-120	25
Benzene														
	74607-03	260	40.0	40.0	293	288	ug/L	EPA 8260B	9/18/10	92.8	81.2	13.3	80-120	25
Ethylbenzene														
	74607-03	240	40.0	40.0	279	272	ug/L	EPA 8260B	9/18/10	86.4	**70.2**	20.7	80-120	25
Methyl-t-butyl ether														
	74607-03	<0.50	40.0	40.0	33.9	27.7	ug/L	EPA 8260B	9/18/10	84.8	**69.2**	20.2	69.7-121	25

KIFF ANALYTICAL, LLC

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

Report Number : 74607

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/23/2010

Project Name : **DP793**

Project Number : **Sept 2010**

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
O-Xylene														
	74607-03	370	40.0	40.0	349	346	ug/L	EPA 8260B	9/18/10	**0.00**	**0.00**	0.00	79.7-120	25
P + M Xylene														
	74607-03	1000	40.0	40.0	960	967	ug/L	EPA 8260B	9/18/10	**0.00**	**0.00**	0.00	76.8-120	25
Toluene														
	74607-03	140	40.0	40.0	170	166	ug/L	EPA 8260B	9/18/10	**68.0**	**59.5**	13.3	80-120	25
Benzene														
	74607-02	520	40.0	40.0	554	543	ug/L	EPA 8260B	9/18/10	85.2	**57.0**	**39.7**	80-120	25
Ethylbenzene														
	74607-02	56	40.0	40.0	96.0	93.6	ug/L	EPA 8260B	9/18/10	99.1	93.0	6.27	80-120	25
Methyl-t-butyl ether														
	74607-02	3.5	40.0	40.0	39.3	39.5	ug/L	EPA 8260B	9/18/10	89.6	90.1	0.565	69.7-121	25
P + M Xylene														
	74607-02	11	40.0	40.0	51.5	50.0	ug/L	EPA 8260B	9/18/10	102	97.8	3.76	76.8-120	25
Toluene														
	74607-02	9.0	40.0	40.0	47.2	46.3	ug/L	EPA 8260B	9/18/10	95.6	93.3	2.42	80-120	25
Benzene														
	74614-03	<0.50	40.0	40.0	40.3	38.9	ug/L	EPA 8260B	9/21/10	101	97.3	3.39	80-120	25

KIFF ANALYTICAL, LLC

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793**

Project Number : **Sept 2010**

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
Ethylbenzene														
	74614-03	<0.50	40.0	40.0	41.1	40.4	ug/L	EPA 8260B	9/21/10	103	101	1.72	80-120	25
Methyl-t-butyl ether														
	74614-03	<0.50	40.0	40.0	38.4	37.2	ug/L	EPA 8260B	9/21/10	96.0	93.0	3.17	69.7-121	25
O-Xylene														
	74614-03	<0.50	40.0	40.0	42.0	41.1	ug/L	EPA 8260B	9/21/10	105	103	2.07	79.7-120	25
P + M Xylene														
	74614-03	<0.50	40.0	40.0	42.0	40.8	ug/L	EPA 8260B	9/21/10	105	102	2.92	76.8-120	25
Toluene														
	74614-03	<0.50	40.0	40.0	41.2	39.8	ug/L	EPA 8260B	9/21/10	103	99.6	3.32	80-120	25

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

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793**

Project Number : **Sept 2010**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	9/16/10	97.9	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/16/10	102	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	9/16/10	99.2	69.7-121
O-Xylene	40.0	ug/L	EPA 8260B	9/16/10	101	79.7-120
P + M Xylene	40.0	ug/L	EPA 8260B	9/16/10	102	76.8-120
Toluene	40.0	ug/L	EPA 8260B	9/16/10	98.9	80-120
Benzene	40.0	ug/L	EPA 8260B	9/20/10	91.2	80-120
P + M Xylene	40.0	ug/L	EPA 8260B	9/20/10	93.7	76.8-120
Toluene	40.0	ug/L	EPA 8260B	9/20/10	98.3	80-120
Benzene	40.1	ug/L	EPA 8260B	9/18/10	97.4	80-120
Ethylbenzene	40.1	ug/L	EPA 8260B	9/18/10	100	80-120
Methyl-t-butyl ether	40.1	ug/L	EPA 8260B	9/18/10	97.3	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	9/18/10	97.2	76.8-120
TPH as Gasoline	504	ug/L	EPA 8260B	9/18/10	92.3	70.0-130
Toluene	40.1	ug/L	EPA 8260B	9/18/10	100	80-120
Benzene	40.0	ug/L	EPA 8260B	9/18/10	92.4	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/18/10	102	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	9/18/10	91.7	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	9/18/10	102	76.8-120

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793**

Project Number : **Sept 2010**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Gasoline	505	ug/L	EPA 8260B	9/18/10	93.7	70.0-130
Toluene	40.0	ug/L	EPA 8260B	9/18/10	100	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	9/18/10	100	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	9/18/10	96.6	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	9/18/10	102	76.8-120
TPH as Gasoline	504	ug/L	EPA 8260B	9/18/10	94.1	70.0-130
Toluene	40.0	ug/L	EPA 8260B	9/18/10	101	80-120
Benzene	40.2	ug/L	EPA 8260B	9/21/10	101	80-120
Ethylbenzene	40.2	ug/L	EPA 8260B	9/21/10	102	80-120
Methyl-t-butyl ether	40.2	ug/L	EPA 8260B	9/21/10	95.6	69.7-121
P + M Xylene	40.2	ug/L	EPA 8260B	9/21/10	104	76.8-120
TPH as Gasoline	506	ug/L	EPA 8260B	9/21/10	91.6	70.0-130
Toluene	40.2	ug/L	EPA 8260B	9/21/10	102	80-120

KIFF Analytical LLC

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

SRG # / Lab No. 74607

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: WEC-E / 1386 E Beamer St Woodland, CA 95776

Sampling Company Log Code:

Phone Number: 530 668 5300

Global ID:

Fax Number:

EDF Deliverable To (Email Address):

Project #: Sept 2010

P.O. #:

Bill to: Paid ch# 9233

Project Name: DP793

Sampler Print Name: George Conver

Sampler Signature:

Project Address: Oakland

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix:	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)					TAT: 1 wk	For Lab Use Only
RS05	9/16/10	1610	3							X					X				X	X	X																	X	01
RS07		1310																																					02
RS08		1133																																					03
RS09		1245																																					04
RS10		1208																																					05
T1		1335																																					06
R1		1542																																					07
R2		1518																																					08
R3		1447																																					09

Relinquished by:	Date	Time	Received by:
	9-17-10	1703	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	091710	1703	Kiff Analytical LLC

Remarks:

$594.00 paid by check #9233
091710

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: TJB (Initials)

SRG#: 74607 Date: 091710

Project ID: DP793

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

COC Inspection

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

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 5.5 Therm. ID# IR-2 Initial TJB Date/Time 091710/1700 ☐ N/A

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

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

Receipt Details

Matrix WA	Container type VOA	# of containers received 27
Matrix	Container type	# of containers received
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 091710 Time: 1703

Quicklog

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

COMMENTS: