DESERT PETROLEUM INC.

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Alameda County
Environmental Health

Mr. Jerry Wickham
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6791
FACSMILE (510) 337-9335

September 23, 2009

RE: The following report documents the "September 2009 Groundwater Sampling Report/Update Status, Former Desert Petroleum Site DP793" dated September 21, 2009, documents groundwater monitor well samplings that occurred on September 8, 2009 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.

9/23/09
Date

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

SEPTEMBER 2009
SEMI ANNUAL
GROUNDWATER SAMPLING REPORT

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

FOR

DESERT PETROLEUM

September 21, 2009

BY

-WEGE-
WESTERN GEO-ENGINEERS
1386 E. BEAMER STREET
WOODLAND, CALIFORNIA 95776
(530) 668-5300

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Mr. Bill Thompson
Desert Petroleum
P.O. Box 1601
Oxnard, California 93032
(805) 644-6784 FAX (805) 654-0720

September 21, 2009

Dear Mr. Thompson:

The following report documents the September 2009 Semi Annual sampling at DP793, 4035 Park Blvd., Oakland, California.

1.0 SITE LOCATION AND IDENTIFICATION NUMBERS

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

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

2.0 SITE INVESTIGATION/REMEDIATION CHRONOLOGY

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

December 8, 1989	Desert Petroleum submitted Unauthorized Release Report, drilling permits for site assessment obtained from Alameda County Flood Control and Water Conservation District, Zone 7, Underground Service Alert was notified.
December 11, 1989	Onsite drilling/sampling and well installation initiated, i.e., sample borings RS-1, RS-2, RS-3, RS-5 and RS-4. Groundwater monitoring wells installed into borings RS-1, RS-5, and RS-6. Vapor extraction well installed into boring RS-2.
December 12, 1989	Encroachment permit secured from the City of Oakland for assessment work in Brighton Avenue. Sample boring RS-4 drilled and sampled just east of the sewer access in Brighton Avenue to the 10 foot depth.
December 13, 1989	The area northeast of the sewer access was excavated with a backhoe. Gasoline appeared to be seeping from the backfill around the sewer line. A water supply line was inadvertently broke (USA markings incorrectly marked the location of this line). A vacuum truck was used to pump out the water/product from the excavation. Approximately 7,200 gallons of water/gasoline was manifested and sent to H & H Shipyard for treatment and disposal. The water line was repaired, perforated 4 inch PVC pipe was placed vertically into the excavation and the excavation backfilled with pea gravel from approximately the 8 foot depth to sub-grade, well RS-7. A portable vapor extraction unit connected to the sewer and RS-7 (operated during daylight hours).
December 15, 1989	RSI S.A.V.E. vapor extraction system installed and connected to onsite wells RS-1, RS-2, RS-5 and RS-6. 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 RS-1 (MW-1).

May 2, 1996	Soil Probe Survey and soil sample borings along sewer route from 4035 Park Blvd. through back yards, to Brighton Avenue. Temporary casing set in hand augered borings BH-1, BH-2, BH-3, BH-4 and BH-5. Conducted slug tests on BH-1, BH-2, BH-3 and BH-5. Not enough water entry into BH-4 to conduct test. The following hydraulic conductivities (k) were calculated; BH-1 = 0.15 ft/day, BH-2 = 2.9 ft/day, BH-3 = 0.11 ft/day, and BH-5 = 4.8 ft/day.
January 17, 1997	Soil Probe Survey Brighton Avenue
August 12, 1999	Installed receptor trench, Brighton Avenue. 148 cubic yards non hazardous gasoline contaminated soil transported and disposed of at Vacaville Landfill, Vacaville, California. Installed wells RS-8, RS-9 and RS-10.
October 7, 1999	Pumped 19,451 gallons of gasoline contaminated groundwater from receptor trench, stored in above ground 22,000 gallon Baker tank.
January 24, 2000	Obtained sewer discharge permit from East Bay Municipal Utility District, started discharge of water stored in Baker tank to city sewer.
May 4, 2000	Started weekly purging of receptor trench well T1 (4 hours once per week). Discharged purged water through water carbon and then to sewer.
February 15, 2001	Set submersible pump in RS-5 to pump continuously, continued once a week purging of receptor well T1 (46,121 gallons removed from receptor trench well).
July 19, 2001	Ceased pumping of RS-5 and weekly purging of T1; 62,511 gallons removed from T1 and 78,919 gallons removed from RS-5 (total 141,430 gallons of gasoline contaminated groundwater treated and disposed to sewer).
March 21, 2002	Resumed pumping at RS-5.
August 6, 2002	246,849 gallons of gasoline contaminated groundwater pumped, treated and disposed to sewer.
November 20, 2002	Commenced weekly hand bailing of free phase product from well RS-8.
December 12, 2002	Purged receptor trench of 1432 gallons gasoline tainted groundwater.
January 9, 2003	Purged receptor trench of 1349 gallons gasoline tainted groundwater.
January 30, 2003	Purged receptor trench of 1624 gallons gasoline tainted groundwater.
March 13, 2003	Purged receptor trench of 1413 gallons gasoline tainted groundwater.
April 3, 2003	Purged receptor trench of 1305 gallons gasoline tainted groundwater.
April 9, 2003	Demolished existing service station building.
April 15, 2003	Replaced RS05 groundwater recovery pump with WEGE pump, while RS05 pump is serviced.
May 1, 2003	Reinstalled RS05 groundwater recovery pump. 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 RS-5.
September 28, 2004	Restarted pumping at RS-5. Performed 1/4ly well samplings. Purged receptor trench of 1911 gallons.
September 30, 2004	Containment berm full of water, inspected carbon #1, leaking from bottom. Turned system off and removed carbon from system.
October 15, 2004	Took delivery of new water carbon placed #2 carbon into #1 position, new carbon into #2 position, restarted pumping system.
December 8, 2004	Performed 1/4ly well samplings.
December 9-16, 2004	Direct push/cored 12 borings to obtain groundwater and soil samples.
March 8, 2005	Published Conceptual Model
March 23, 2005	Performed 1/4ly well samplings.
June 1, 2005	Performed 1/4ly well samplings.
September 21, 2005	Performed 1/4ly well samplings.
December 7, 2005	Performed 1/4ly well samplings.
February 13, 2006	Published Work Plan to: Over-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 MW1, RS2 and RS6. Conducted hand auger soil and groundwater sampling downgradient of RS9.
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 RS5, needed extensive cleaning and service.
October 10, 2008	Reinstalled pump into RS5.
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 RS5
September 9, 2009	Received/installed new water carbon unit. Semi-Annual 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 RS5 and is underlain by silty clay.

Brighton Avenue

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

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

4.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on September 8, 2009. 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 8, 2009 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 8, 2009.

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 8, 2009, prior to purging the wells for sampling, see Table 1 and Appendix A. On February 15, 2001 a submersible pump was placed into onsite well RS-5 to try to capture contaminated groundwater beneath the site and adjoining properties. The pump rate was set at approximately 2 gpm. The pump was removed from RS-5 on July 19, 2001. After evaluation of the effects the pumping had on remediating the site the pump was placed back into RS-5 on March 21, 2002. Pumping from RS5 has lowered the water levels in RS-6, RS-8, RS-10, R1 and R2, see Appendix B. Table 1 shows the groundwater elevations for the wells during the assessment of this site.

The current flow direction is to the west with a cone of influence created by the pumping of RS5. The hydraulic gradient averages 0.057 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 RS5

and RS8 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 8, 2009 are shown in Table 1. Groundwater samples were obtained from monitor wells R1, R2, R3, RS7, RS9 and RS10, along with trench well T1 and pumping well RS5. No samples were obtained from monitor well RS8 (dogs prevented access to well).

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, RS07, RS09 and RS10, the receptor trench well (T1) and the pumping well (RS05) ranged from 7900 ug/L at well T1, to 56 ug/L at well R2. 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; the pumping well RS5 contained 6.3 ug/L, trench well T1 contained 2700 ug/L, RS7 contained 140 ug/L, RS9 contained 700 ug/L and RS10 contained 5.6 ug/L. R1, R2 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 and RS10 at 0.5 ug/L. Wells T1 contained 7.8 ug/L MtBE, RS5 contained 1.4 ug/L, RS7 contained 2.0 ug/L and RS9 contained 2.7 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 RS5, RS7, RS9 and T1, ranging from a low of 1.0 ug/L at well RS5 to a high of 57 ug/L at well T1.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. The recommended CPHG for Ethylbenzene is 300 ug/L. Ethylbenzene was detected in wells RS5, RS7, RS9 and T1, ranging from a low of 3.9 ug/L at well RS5 to a high of 50 ug/L at well T1.

Xylenes

Xylenes have a LLDL of 0.5 ug/L. The recommended CPHG for Xylenes is 1800 ug/L. Xylenes were detected in wells RS5, RS7, RS9 and T1, ranging from a low of 14 ug/L at well RS7 to a high of 180 ug/L at well T1, 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. 93,400 gallons of groundwater have been pumped from the receptor trench and purged from the groundwater monitoring wells, see Table 2.

7.0 PUMPING ON-SITE WELL RS-5

On February 15, 2001 a submersible pump with a pump bypass was placed into RS-5. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS-5 for one week. 3223 gallons were pumped from RS-5 through the two, in series, water carbon units and discharged to the sewer. On February 22, 2001 the pump was inspected and showed a slimy growth covering the pump and discharge line that was below the water level. The pump was cleaned and placed back into RS-5 and continued to discharge from RS-5 through the water carbon units to sewer until July 19, 2001. On July 19, 2001 Desert Petroleum requested suspension of further pumping at the site. The pump was removed and the site secured. From February 15 through July 19, 2001, 78,919 gallons of gasoline contaminated groundwater was recovered from RS-5 and treated through carbon before being discharged to the sewer. Pumping from RS5 was resumed on March 21, 2002. 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. As of September 17, 2009, 1,573,988 gallons of groundwater have been discharged to the sewer of which 1,480,491 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 RS-5 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 RS-8 and RS-10.

8.0 FREE PHASE FLOATING PRODUCT REMOVAL

Yellow Free Phase Floating Product was discovered in well RS8, 0.04 feet in thickness on August 6, 2002. Since all product storage and dispensing systems have been removed from the site (June 1994), it is thought that the product found in RS8, is residual from the November 1989 release and groundwater pumping at RS-5 is retrieving this residual product. Weekly bailing of the floating product 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

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

The lowest hydrocarbon concentrations were observed May 31, 2001 while the weekly pumping of the trench well and the continuous pumping of RS5 were occurring, Pumping from RS5 was discontinued between June 19, 2001 and March 21, 2002. The most recent sampling, September 8, 2009 shows continued decrease in hydrocarbons to levels, 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 RS5 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 MW1, RS2 and RS6 was completed in November 2006 along with the soil and groundwater sampling downgradient of monitor wells RS9. Bids received for connecting the intercept trench and construction of a permanent groundwater treatment facility have been received and the contract signed (McCoy Resource Corporation). McCoy has been unresponsive to starting the work. Western Geo-Engineers acquired a secondary bid from RAH Environmental. RAH has been awarded the contract. 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 has obtaining all necessary permits from The City of Oakland. Currently Desert Petroleum does not have the finances to commence with the work. The current property owners have obtained 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 is scheduled to commence on October 12, 2009..

Once the excavation is completed and sampled, backfilling will be conducted as originally outlined with the exception that a vapor extraction well will be placed within the excavated area so a future source test can be conducted to verify if gasoline range hydrocarbons vapors exist. A Vapor extraction source test report of findings will then be submitted.

10.0 RECOMMENDATIONS

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

- Once financing has been obtained, commence with the construction of the treatment compound, and connection of the intercept trench.

11.0 TIME FRAME

October 12, 2009	Commence with the excavation of contaminated soils.
March 2010	Semi annual well samplings

12.0 LIMITATIONS

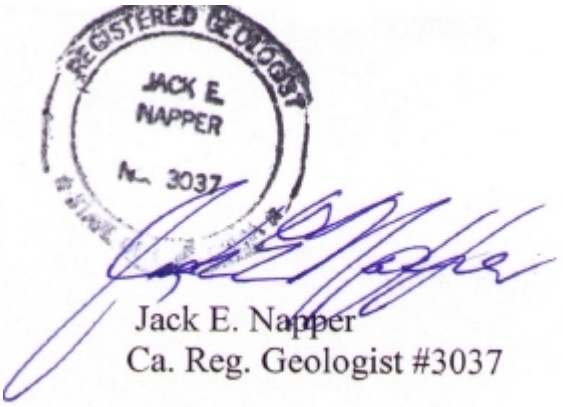
This report is based upon the following:

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)	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							
RS-02	3/12/1995	227.39	5.26	222.13	ND	ND	ND	ND	ND		

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)									
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-02	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	FLOATING PRODUCT								
RS-05	6/91	227.61	FLOATING PRODUCT								
RS-05	9/91	227.61	FLOATING PRODUCT								
RS-05	12/91	227.61	FLOATING PRODUCT								
RS-05	11/9/1992	227.61	20.73	206.88	50000	**650**	**4800**	**1100**	**15000**		
RS-05	4/7/1994	227.61	18.16	209.45	27000	**5000**	**8700**	**550**	**2800**		
RS-05	6/19/1994	227.61	18.11	209.5	20000	**2100**	**5300**	**470**	**2500**		
RS-05	9/17/1994	227.61	19.63	207.98	9300	**230**	**340**	110	700		
RS-05	3/12/1995	227.61	14.54	213.07	93000	**6400**	**2000**	**19000**	**10000**		
RS-05	10/4/1995	227.61	17.53	210.08	16000	**420**	**2100**	**320**	**1800**		
RS-05	12/21/95	227.61	17.47	210.14	48000	**3500**	**9200**	**840**	**4800**	**56**	
RS-05	03/27/96	227.61	13.51	214.1	68000	**4900**	**18000**	**1700**	**11000**	< 3000	
RS-05	06/11/96	227.61	14.25	213.36	66000	**6300**	**20000**	**2100**	**12000**	< 3000	
RS-05	09/04/96	227.61	16.50	211.11	31000	**2100**	**11000**	**1100**	**6800**	**400**	
RS-05	12/11/96	227.61	15.88	211.73	85000	**7000**	**21000**	**1800**	**8900**	**570**	

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-05	2/21/97	227.61	13.76	213.85	sh	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-06	12/14/1989	227.22	22.52	204.7		11000	**1400**	**1700**	160	860		
RS-06	2/91	227.22	FLOATING PRODUCT									
RS-06	6/91	227.22				95000	**4200**	**4200**	**650**	**3700**		
RS-06	9/91	227.22	FLOATING PRODUCT									
RS-06	12/91	227.22				64000	**3700**	**2300**	**730**	**4100**		
RS-06	11/9/1992	227.22	19.43	207.79		19000	**1600**	**710**	**500**	1600		
RS-06	4/7/1994	227.22	14.42	212.8		16000	**1200**	**1300**	290	1100		
RS-06	6/19/1994	227.22	14.45	212.77		23000	**1300**	**2200**	**590**	**2200**		
RS-06	9/17/1994	227.22	19.52	207.7		24000	**630**	**790**	250	1100		
RS-06	3/12/1995	227.22	8.90	218.32		3200	**450**	13	82	230		
RS-06	10/4/1995	227.22	17.78	209.44		3700	**170**	**250**	38	290		
RS-06	12/21/95	227.22	14.98	212.24		3100	**120**	30	16	150	**58**	

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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	FLOATING PRODUCT								
RS-07	6/91	195.99	FLOATING PRODUCT								
RS-07	9/91	195.99	FLOATING PRODUCT								
RS-07	12/91	195.99			270000	**11000**	**22000**	**2000**	**13000**		
RS-07	11/9/1992	195.99	4.62	191.37	81000	**12000**	**16000**	**1900**	**13000**		
RS-07	4/7/1994	195.99	4.03	191.96	74000	**16000**	**16000**	**1400**	**8500**		
RS-07	6/19/1994	195.99	4.07	191.92	83000	**22000**	**19000**	**1500**	**9500**		
RS-07	9/17/1994	195.99	4.05	191.94	270000	**13000**	**15000**	**2100**	1100		
RS-07	3/12/1995	195.99	3.72	192.27	35000	**5100**	**560**	**6300**	**3600**		
RS-07	10/4/1995	195.99	4.03	191.96	96000	**14000**	**14000**	**1300**	**7000**		
RS-07	12/21/95	195.99	3.95	192.04	70000	**9300**	**12000**	**860**	**5600**	**210**	
RS-07	03/27/96	195.99	3.80	192.19	64000	**8900**	**14000**	**1100**	**8300**	< 3000	
RS-07	06/11/96	195.99	3.79	192.2	65000	**12000**	**17000**	**1600**	**9700**	<5000	
RS-07	09/04/96	195.99	3.99	192	20000	**4900**	**2100**	**670**	**4400**	**100**	
RS-07	12/11/96	195.99	3.78	192.21	17000	**4400**	**7500**	**570**	**4600**	**180**	

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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-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										

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	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	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**	**feet floating product**				
RS-08	11/5/2002	214.67	13.96	200.71		**0.40**	**feet floating product**				
RS-08	12/12/2002	214.67	14.38	200.29		**0.08**	**feet floating product**				
RS-08	3/13/2003	214.67	10.99	203.68	90000	**1100**	**14000**	**2500**	**12000**	<50	****
RS-08	5/6/2003	214.67	5.35	209.32	1600	**6.7**	46	21	170	<0.5	****
RS-08	8/13/2003	214.67	11.96	202.71	100000	**1200**	**10000**	**2500**	**13000**	<50	****
RS-08	11/21/2003	214.67	12.30	202.37	100000	**1700**	**10000**	**1700**	**12000**	<25	****
RS-08	1/22/2004	214.67	9.63	205.04							
RS-08	3/30/2004	214.67	8.70	205.97	18000	**69**	**110**	**130**	**1200**	<5	****
RS-08	6/10/2004	214.67	10.65	204.02	33000	**210**	**350**	**360**	**2300**	<5	****
RS-08	9/28/2004	214.67	9.00	205.67	6000	**59**	20	100	170	<1	****
RS-08	12/8/2004	214.67	4.50	210.17	1100	<0.5	<0.5	<0.5	0.66	<0.5	****
RS-08	3/23/2005	214.67	3.65	211.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/1/2005	214.67	9.70	204.97	4700	**330**	**210**	250	330	<0.5	****
RS-08	9/21/2005	214.67			could not locate, under landscaping.						
RS-08	12/7/2005	214.67	12.76	201.91	30000	**1100**	**1500**	**810**	**2800**	<5	****
RS-08	3/28/2006	214.67	3.42	211.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/21/2006	214.67	7.03	207.64	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-09	12/14/1989										
RS-09	09/04/96										
RS-09	12/11/96										
RS-09	2/21/97										
RS-09	5/28/97										
RS-09	9/2/1997										
RS-09	11/24/1997										
RS-09	2/25/1998										
RS-09	7/8/1998										
RS-09	9/16/1998										
RS-09	11/24/1998										
RS-09	2/23/1999										
RS-09	5/5/1999										
RS-09	8/26/1999	195.63	7.46	188.17	17000	**3500**	**1200**	**360**	1600	**180**	*
RS-09	11/10/1999	195.63	7.91	187.72	2800	**520**	62	46	130	<0.5	
RS-09	2/9/2000	195.63	6.09	189.54	3400	**650**	74	64	130	<0.5	
RS-09	6/30/2000	195.63	6.77	188.86	3000	**600**	79	74	120	<0.5	
RS-09	8/8/2000	195.63	7.32	188.31	4900	**500**	**430**	160	530	<0.5	
RS-09	11/16/2000	195.63	6.33	189.3	3000	**350**	**220**	90	220	<0.5	
RS-09	3/8/2001	195.63	4.93	190.7	<50	**3.4**	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)									
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-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-10	12/14/1989										
RS-10	09/04/96										
RS-10	12/11/96										
RS-10	2/21/97										
RS-10	5/28/97										
RS-10	9/2/1997										
RS-10	11/24/1997										
RS-10	2/25/1998										
RS-10	7/8/1998										
RS-10	9/16/1998										
RS-10	11/24/1998										
RS-10	2/23/1999										
RS-10	5/5/1999										
RS-10	8/26/1999	208.46	3.76	204.7	5100	**160**	**340**	190	1000	**32**	*
RS-10	11/10/1999	208.46	3.83	204.63	500	**7**	2	2	4	<0.5	
RS-10	2/9/2000	208.46	0.31	208.15	100	**4**	3	1	6	<0.5	
RS-10	6/30/2000	208.46	2.22	206.24	640	**5**	2	4	2	<0.5	
RS-10	8/8/2000	208.46	2.46	206	460	**2**	2	2	7	<0.5	
RS-10	11/16/2000	208.46	2.46	206	360	**1**	1	2	<1	<0.5	
RS-10	3/8/2001	208.46	2.82	205.64	53	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/31/2001	208.46	4.93	203.53	210	<0.5	<0.5	1.5	5	<5	****
RS-10	12/18/2001	208.46	2.10	206.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	2/19/2002	208.46	2.29	206.17	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/7/2002	208.46	2.92	205.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/6/2002	208.46	4.11	204.35	<50	<0.5	0.7	<0.5	1.6	<0.5	****
RS-10	11/5/2002	208.46	4.05	204.41	54	<0.5	1.2	<0.5	1.1	<0.5	****
RS-10	12/12/2002	208.46	6.81	201.65							
RS-10	3/13/2003	208.46	3.00	205.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/6/2003	208.46	2.55	205.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-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	****
R1	12/14/1989										
R1	09/04/96	227.69	15.00	212.69	1800	**1100**	3	29	< 10	< 30	
R1	12/11/96	227.69	10.30	217.39	<50	<0.5	< 0.5	< 0.5	< 1	4	
R1	2/21/97	227.69	11.88	215.81	2500	**670**	9	3	13	<0.5	*
R1	5/28/97	227.69	14.03	213.66	24000	**4300**	36	**2000**	370	<0.5	*
R1	9/2/1997	227.69	14.98	212.71	4400	**320**	6	**340**	72	20	
R1	11/24/1997	227.69	14.06	213.63	100	**39**	1	18	10	<0.5	
R1	2/25/1998	227.69	8.93	218.76	1200	**400**	8	13	150	<0.5	
R1	7/8/1998	227.69	11.36	216.33	68	**14**	< 0.5	< 0.5	< 1	<1	*
R1	9/16/1998	227.69	13.30	214.39	16000	**3400**	92	< 0.5	410	<1	*
R1	11/24/1998	227.69	10.72	216.97	340	**19**	1.6	35	9.7	<0.5	
R1	2/23/1999	227.69	9.34	218.35	60	**16**	0.6	5.6	1.2	<0.5	
R1	5/5/1999	227.69	11.30	216.39	1300	**290**	3	150	1	**15**	
R1	8/26/1999	227.69	13.97	213.72	6500	**630**	<0.5	**1300**	<1	<1	
R1	11/10/1999	227.69	13.73	213.96	480	**12**	4	22	9	<0.5	
R1	2/9/2000	227.69	13.10	214.59	<50	**8**	<0.5	1	<1	<0.5	
R1	6/30/2000	227.69	13.42	214.27	2600	**350**	35	**1900**	220	<0.5	
R1	8/8/2000	227.69	14.25	213.44	10000	**910**	76	**2100**	390	<0.5	
R1	3/8/2001	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
R1	3/8/2001	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/31/2001	227.69	15.77	211.92	3800	**400**	16	**470**	67	<5	****
R1	12/18/2001	227.69	9.90	217.79	<50	<0.5	<0.5	1.5	<0.5	<0.5	****
R1	2/19/2002	227.69	10.86	216.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/7/2002	227.69	16.17	211.52	53	**3.3**	<0.5	1	<0.5	<0.5	****
R1	8/6/2002	227.69	16.83	210.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	11/5/2002	227.69	16.92	210.77	dry, groundwater deeper than 210.77 foot elevation						
R1	12/12/2002	227.69	16.94	210.75							
R1	3/13/2003	227.69	15.69	212	<50	**4.5**	<0.5	<0.5	<0.5	<0.5	****
R1	5/6/2003	227.69	10.75	216.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	8/13/2003	227.69	16.04	211.65	430	**17**	<0.5	1.4	1.1	<0.5	****
R1	11/20/2003	227.69	dry								
R1	1/22/2004	227.69	14.40	213.29							
R1	3/30/2004	227.69	14.05	213.64	<50	**2.8**	<0.5	<0.5	<0.5	<0.5	****
R1	6/10/2004	227.69	15.85	211.84	3200	**85**	2.6	38	8.3	<0.5	****
R1	9/28/2004	227.69	15.06	212.63	2000	**35**	2.2	12	4.4	<0.5	****
R1	12/8/2004	227.69	9.70	217.99	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/23/2005	227.69	8.58	219.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/1/2005	227.69	13.30	214.39	330	**12**	<0.5	1.6	1.4	<0.5	****

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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)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R1	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	****
R2	12/14/1989										
R2	09/04/96	230.68	13.44	217.24	14000	**7600**	<10	170	190	<100	
R2	12/11/96	230.68	12.42	218.26	488	**300**	1	< 0.5	30	**16**	
R2	2/21/97	230.68	10.50	220.18	5700	**2100**	5	2	10	3	*
R2	5/28/97	230.68	13.10	217.58	36000	**14000**	63	260	220	<0.5	*
R2	9/2/1997	230.68	14.16	216.52	30000	**12000**	**330**	**1000**	790	**47**	
R2	11/24/1997	230.68	14.71	215.97	41000	**15000**	**830**	**1500**	**4200**	<0.5	*
R2	2/25/1998	230.68	7.39	223.29	800	**400**	<0.5	<0.5	15	<0.5	*
R2	7/8/1998	230.68	11.27	219.41	290	**31**	< 0.5	1	< 1	2	*
R2	9/16/1998	230.68	13.73	216.95	6600	**11000**	24	<0.5	35	<1	*
R2	11/24/1998	230.68	11.67	219.01	6100	<0.5	36	<0.5	21	<0.5	
R2	2/23/1999	230.68	7.55	223.13	1100	**310**	3	2	26	<0.5	
R2	5/5/1999	230.68	10.89	219.79	11000	**5300**	7	36	7	8	
R2	8/26/1999	227.28	13.14	214.14	6700	**940**	33	190	240	<1	*
R2	11/10/1999	227.28	14.42	212.86	5100	**2600**	**160**	**1800**	**8100**	<0.5	*
R2	2/9/2000	227.28	12.45	214.83	4700	**1400**	110	130	340	<0.5	
R2	6/30/2000	227.28	12.94	214.34	7100	**3200**	110	**300**	480	<0.5	
R2	8/8/2000	227.28	13.58	213.7	30000	**13000**	**250**	**1000**	**2700**	<0.5	
R2	11/16/2000	227.28	14.33	212.95	44000	**17000**	**230**	**790**	**3600**	<0.5	
R2	3/8/2001	227.28	11.15	216.13	2300	**640**	8.6	61	170	<2	****
R2	5/31/2001	227.28	13.38	213.9	2200	**580**	12	72	100	<25	****
R2	12/18/2001	227.28	12.35	214.93	4900	**2000**	120	44	280	<5	****
R2	2/19/2002	227.28	11.32	215.96	2100	**1200**	<5	14	<5	<5	****
R2	5/7/2002	227.28	13.15	214.13	2500	**660**	7.5	170	26	<2.5	****
R2	8/6/2002	227.28	14.51	212.77	6300	**1800**	**150**	220	340	<5	****
R2	11/5/2002	227.28	15.46	211.82	11000	**3000**	140	57	620	<20	****
R2	12/12/2002	227.28	15.70	211.58							
R2	3/13/2003	227.28	12.96	214.32	580	**200**	1.2	5.4	3.8	<1	****
R2	5/6/2003	227.28	11.14	216.14	70	**25**	<0.5	<0.5	1.3	<0.5	****
R2	8/13/2003	227.28	14.01	213.27	1800	**340**	8	49	12	<2	****
R2	11/20/2003	227.28	15.35	211.93	8000	**1400**	46	57	490	<5	****
R2	1/22/2004	227.28	12.10	215.18							
R2	3/30/2004	227.28	11.48	215.8	<50	**3**	<0.5	<0.5	<0.5	<0.5	****
R2	6/10/2004	227.28	13.95	213.33	77	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/28/2004	227.28	14.80	212.48	500	**120**	2	25	2.7	0.71	****
R2	12/8/2004	227.28	12.25	215.03	100	**8.5**	<0.5	<0.5	5	<0.5	****
R2	3/23/2005	227.28	7.82	219.46	57	**8.4**	<0.5	<0.5	<0.5	<0.5	****
R2	6/1/2005	227.28	12.14	215.14	85	**5.2**	<0.5	<0.5	<0.5	<0.5	****
R2	9/21/2005	227.28	13.97	213.31	900	**120**	1.3	2.5	4.8	<0.5	****
R2	12/7/2005	227.28	14.51	212.77	150	**8.4**	<0.5	<0.5	0.5	<0.5	****
R2	3/28/2006	227.28	7.30	219.98	<50	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	6/21/2006	227.28	11.90	215.38	68	**4.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/13/2006	227.28	13.66	213.62	54	0.52	<0.5	<0.5	<0.5	<0.5	****
R2	12/21/2006	227.28	14.43	212.85	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/12/2007	227.28	12.37	214.91	210	**63**	<0.5	1.8	<0.5	<0.5	****
R2	6/20/2007	227.28	14.08	213.2	1300	**250**	3.6	2.7	4.1	<0.5	****
R2	9/26/2007	227.28	15.41	211.87	230	**28**	<0.5	<0.5	2.5	<0.5	****

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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	****
R3	12/14/1989										
R3	09/04/96	230.32	9.90	220.42	<50	<0.5	<0.5	<0.5	<2	<5	
R3	12/11/96	230.32	8.18	222.14	<50	<0.5	<0.5	<0.5	<1	5	
R3	2/21/97	230.32	6.76	223.56	340	**35**	59	8	54	<0.5	*
R3	5/28/97	230.32	9.98	220.34	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	9/2/1997	230.32	10.86	219.46	<50	**4**	<0.5	<0.5	<1	<0.5	*
R3	11/24/1997	230.32	11.20	219.12	not enough water to sample. No sample						
R3	2/25/1998	230.32	3.42	226.9	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	7/8/1998	230.32	8.78	221.54	140	<0.5	<0.5	4	24	<1	*
R3	9/16/1998	230.32	10.38	219.94	<50	<0.5	<0.5	<0.5	<1	<1	*
R3	11/24/1998	230.32	11.12	219.2	not enough water to sample. No sample						
R3	2/23/1999	230.32	3.95	226.37	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	5/5/1999	230.32	7.58	222.74	80	**9**	<0.5	<0.5	<1	6	
R3	8/26/1999	227.25	10.76	216.49	<50	**2**	<0.5	<0.5	<1	1	*
R3	11/10/1999	227.25	11.09	216.16	140	**3**	4	1	11	<0.5	
R3	2/9/2000	227.25	8.76	218.49	<50	**2**	<0.5	<0.5	<1	<0.5	
R3	6/30/2000	227.25	9.67	217.58	<50	0.7	<0.5	1	1	<0.5	
R3	8/8/2000	227.25	10.44	216.81	72	<0.5	<0.5	<0.5	<1	<0.5	
R3	11/16/2000	227.25	10.26	216.99	110	**4**	1	<0.5	3	<0.5	
R3	3/8/2001	227.25	6.54	220.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/31/2001	227.25	10.01	217.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/18/2001	227.25	6.79	220.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	2/19/2002	227.25	7.86	219.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/7/2002	227.25	9.20	218.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/6/2002	227.25	10.62	216.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	11/5/2002	227.25	11.07	216.18	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/12/2002	227.25	11.28	215.97							
R3	3/13/2003	227.25	8.69	218.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/2003	227.25	8.02	219.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/2003	227.25	dry		DRY						
R3	11/20/2003	227.25	dry		DRY						
R3	1/22/2004	227.25	7.30	219.95							
R3	3/30/2004	227.25	7.85	219.4	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/10/2004	227.25	10.30	216.95	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/28/2004	227.25	dry		DRY						
R3	12/8/2004	227.25	9.00	218.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/23/2005	227.25	4.90	222.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/1/2005	227.25	8.60	218.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/21/2005	227.25	10.80	216.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/7/2005	227.25	11.12	216.13	no sample water in shoe of casing, not representative						
R3	3/28/2006	227.25	3.72	223.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/21/2006	227.25	8.82	218.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/13/2006	227.25	10.52	216.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/21/2006	227.25	9.97	217.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/12/2007	227.25	7.45	219.8	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/20/2007	227.25	10.43	216.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/26/2007	227.25			no sample water in shoe of casing, not representative						
R3	12/18/2007	227.25			no sample water in shoe of casing, not representative						
R3	3/12/2008	227.25	7.93	219.32	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/25/2008	227.25	10.87	216.38	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/17/2008	227.25			no sample water in shoe of casing, not representative						
R3	12/17/2008	227.25			no sample water in shoe of casing, not representative						
R3	3/31/2009	227.25	7.27	219.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/8/2009	227.25	10.95	216.3	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
T 1	12/14/1989										

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T 1	09/04/96										
T 1	12/11/96										
T 1	2/21/97										
T 1	5/28/97										
T 1	9/2/1997										
T 1	11/24/1997										
T 1	2/25/1998										
T 1	7/8/1998										
T 1	9/16/1998										
T 1	11/24/1998										
T 1	2/23/1999										
T 1	5/5/1999										
T 1	8/26/1999	195.11	2.44	192.67	40000	**7200**	**5000**	**950**	**8100**	**53**	*
T 1	11/10/1999	195.11	2.23	192.88	46000	**5600**	**3600**	**910**	**6500**	<0.5	
T 1	2/9/2000	195.11	2.22	192.89	35000	**2900**	**5700**	**720**	**6600**	<0.5	
T 1	6/30/2000	195.11	2.22	192.89	30000	**3400**	**3200**	**950**	**4600**	<5	
T 1	8/8/2000	195.11	2.73	192.38	8900	**1600**	**760**	260	870	<5	
T 1	11/16/2000	195.11	2.72	192.39	4000	**1300**	92	80	290	<0.5	
T 1	3/8/2001	195.11	2.12	192.99	25000	**4400**	**3400**	**770**	**3200**	**26**	****
T 1	5/31/2001	195.11	2.30	192.81	8900	**940**	**210**	**340**	1500	<50	****
T 1	12/18/2001	195.11	2.20	192.91	48000	**3700**	**5500**	**1200**	**5300**	**24**	****
T 1	2/19/2002	195.11	1.96	193.15	64000	**8600**	**6000**	**1700**	**6800**	**55**	****
T 1	5/7/2002	195.11	2.22	192.89	41000	**9200**	**910**	**2000**	**6200**	**62**	****
T 1	8/6/2002	195.11	2.32	192.79	28000	**5500**	**240**	**1300**	**2600**	**32**	****
T 1	11/5/2002	195.11	2.52	192.59	11000	**3000**	65	**660**	610	**18**	****
T 1	12/12/2002	195.11	2.55	192.56							
T 1	3/13/2003	195.11	2.23	192.88	930	**150**	17	23	60	2.6	****
T 1	5/6/2003	195.11	2.37	192.74	6800	**1000**	**230**	**310**	820	10	****
T 1	8/13/2003	195.11	2.41	192.7	9600	**1500**	110	**440**	910	10	****
T 1	11/20/2003	195.11	2.50	192.61	10000	**1800**	120	**520**	510	11	****
T 1	1/22/2004	195.11									
T 1	3/30/2004	195.11			15000	**1800**	**660**	**610**	**2000**	8.6	****
T 1	6/10/2004	195.11	2.40	192.71	5500	**570**	2	240	130	2.7	****
T 1	9/28/2004	195.11	2.52	192.59	8700	**2600**	100	**450**	15	**15**	****
T 1	12/8/2004	195.11	1.96	193.15	2900	**820**	32	14	47	6.9	****
T 1	3/23/2005	195.11	car		2800	**220**	3	120	76	1.7	****
T 1	6/1/2005	195.11	2.25	192.86	46000	**14000**	**650**	**1900**	**2900**	**54**	****
T 1	9/21/2005	195.11	2.42	192.69	17000	**4500**	**81**	**620**	**200**	**28**	****
T 1	12/7/2005	195.11	2.26	192.85	18000	**4000**	**480**	**780**	**1100**	**25**	****
T 1	3/28/2006	195.11	car		27000	**4400**	**1600**	**890**	**2700**	**20**	****
T 1	6/21/2006	195.11	2.48	192.63	14000	**5200**	**310**	**270**	**680**	**19**	****
T 1	9/13/2006	195.11	2.43	192.68	12000	**5100**	88	230	320	**22**	****
T 1	12/21/2006	195.11	2.28	192.83	18000	**4600**	**620**	**850**	**2000**	**21**	****
T 1	3/12/2007	195.11	2.24	192.87	19000	**4700**	**750**	**870**	**2300**	**16**	****
T 1	6/20/2007	195.11	2.47	192.64	12000	**4300**	130	170	250	**18**	****
T 1	9/26/2007	195.11	2.52	192.59	10000	**4200**	63	45	68	**14**	****
T 1	12/18/2007	195.11	1.75	193.36	12000	**3000**	**450**	**360**	480	**15**	****
T 1	3/12/2008	195.11	2.23	192.88	22000	**6600**	**1200**	**960**	**2300**	**25**	****
T 1	6/25/2008	195.11	2.55	192.56	13000	**5200**	**160**	**300**	280	**18**	****
T 1	9/17/2008	195.11	3.12	191.99	8600	**3400**	**47**	**29**	81	**9.4**	****
T 1	12/17/2008	195.11	2.32	192.79	5600	**1500**	**130**	**140**	310	**4.9**	****
T 1	3/31/2009	195.11	2.32	192.79	24000	**5800**	**830**	**1300**	**3700**	**16**	****
T 1	9/8/2009	195.11	2.90	192.21	7900	**2700**	**57**	**50**	**180**	**7.8**	****
T 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						

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
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 3	1/22/2004	202.38			see T1 for sample results						
T 3	6/10/2004	202.38	9.80	192.58	see T1 for sample results						
T 3	9/28/2004	202.38	9.90	192.48	see T1 for sample results						
T 3	12/8/2004	202.38	9.24	193.14	see T1 for sample results						
T 3	3/23/2005	202.38	car		see T1 for sample results						
T 3	6/1/2005	202.38	car		see T1 for sample results						
T 3	9/21/2005	202.38	car		see T1 for sample results						
T 3	12/7/2005	202.38	car		see T1 for sample results						
T 3	3/28/2006	202.38	car		see T1 for sample results						
T 3	6/21/2006	202.38	car		see T1 for sample results						
T 3	9/13/2006	202.38	car		see T1 for sample results						
T 3	12/21/2006	202.38	car		see T1 for sample results						
T 3	3/12/2007	202.38	car		see T1 for sample results						
T 3	6/20/2007	202.38	car		see T1 for sample results						
T 3	9/26/2007	202.38	car		see T1 for sample results						
T 3	12/18/2007	202.38	car		see T1 for sample results						
T 3	3/12/2008	202.38	car		see T1 for sample results						
T 3	6/25/2008	202.38	car		see T1 for sample results						
T 3	9/17/2008	202.38	car		see T1 for sample results						
T 3	12/17/2008	202.38	car		see T1 for sample results						
T 3	3/31/2009	202.38	car		see T1 for sample results						
T 3	9/8/2009	202.38	car		see T1 for sample results						
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						
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	****

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)						**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
LF 1	9/28/2004	226.59	28.72	197.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/8/2004	226.59	car								
LF 1	3/23/2005	226.59	car								
LF 1	6/1/2005	226.59	car								
LF 1	9/21/2005	226.59	car								
LF 1	12/7/2005	226.59	26.67	199.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/28/2006	226.59	25.25	201.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/21/2006	226.59	23.05	203.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/13/2006	226.59	29.23	197.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/21/2006	226.59	32.12	194.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/12/2007	226.59	31.47	195.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/20/2007	226.59	32.72	193.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/26/2007	226.59	31.82	194.77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/18/2007	226.59			car						
LF 1	3/12/2008	226.59	32.06	194.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/25/2008	226.59			well is no longer there						

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

TABLE 1
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									
10/16/2008	2530340.5	2530340.5		0	93423	1343071.9	1436494.7	repair electrical line to pump controller						
10/24/2008	2535423.5	2535423.5		0	93423	1348154.9	1441577.7							
10/31/2008	2539173.3	2539173.3		0	93423	1351904.7	1445327.5							
11/3/2008	2541734.5	2541734.5		0	93423	1354465.9	1447888.7							
11/12/2008	2545074.5	2545074.5		0	93423	1357805.9	1451228.7							
11/18/2008	2547884.5	2547884.5		0	93423	1360615.9	1454038.7							
11/24/2008	2550719.5	2550719.5		0	93423	1363450.9	1456873.7							
12/5/2008	2555390.5	2555390.5		0	93423	1368121.9	1461544.7	water level in well low, not pumping						
12/12/2008	2558111.5	2558111.5		0	93423	1370842.9	1464265.7	pull pump and inspect - good						
12/17/2008	2560523.5	2560523.5		0	93423	1373254.9	1466677.7	450	2.3	1.2	1.8	13	<0.5	RS5
12/22/2008	2562559.5	2562559.5		0	93423	1375290.9	1468713.7							
12/30/2008	2565776.5	2565776.5		0	93423	1378507.9	1471930.7							
1/9/2009	2569474.5	2569474.5		0	93423	1382205.9	1475628.7							
1/16/2009	2571522.5	2571522.5		0	93423	1384253.9	1477676.7							
1/21/2009	2572702.5	2572702.5		0	93423	1385433.9	1478856.7							
1/30/2009	2575039.5	2575039.5		0	93423	1387770.9	1481193.7							
2/6/2009	2577389.5	2577389.5		0	93423	1390120.9	1483543.7							
2/12/2009	2580104.5	2580104.5		0	93423	1392835.9	1486258.7							
2/19/2009	2583610.5	2583610.5		0	93423	1396341.9	1489764.7							
2/26/2009	2587709.5	2587709.5		0	93423	1400440.9	1493863.7							
3/6/2009	2593046.5	2593046.5		0	93423	1405777.9	1499200.7							
3/12/2009	2597152.5	2597152.5		0	93423	1409883.9	1503306.7							
3/19/2009	2597159.5	2597159.5		0	93423	1409890.9	1503313.7							
3/26/2009	2602581.5	2602581.5		0	93423	1415312.9	1508735.7							
3/31/2009	2606106.5	2606157.5		51	93474	1418837.9	1512311.7	800	120	14	2	54	2.7	RS5
4/7/2009	2610795.5	2610795.5		0	93474	1423475.9	1516949.7							
4/17/2009	2617424.5	2617424.5		0	93474	1430104.9	1523578.7							
4/23/2009	2621318.5	2621318.5		0	93474	1433998.9	1527472.7							

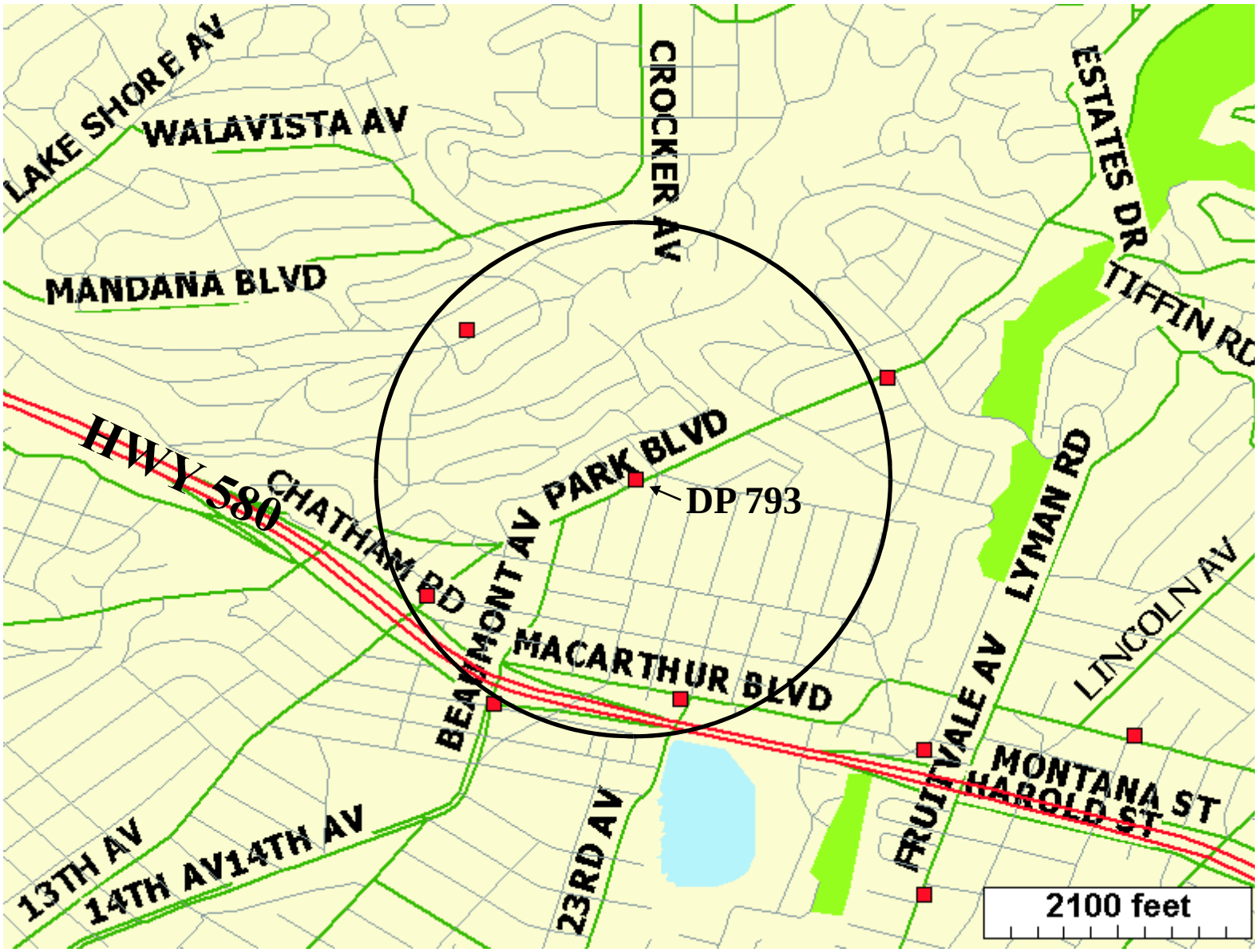
TABLE 1
GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

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									
4/30/2009	2625798.5	2625798.5		0	93474	1438478.9	1531952.7							
5/7/2009	2630249.5	2630249.5		0	93474	1442929.9	1536403.7							
5/14/2009	2634770.5	2634770.5		0	93474	1447450.9	1540924.7							
5/22/2009	2639819.5	2639819.5		0	93474	1452499.9	1545973.7							
5/28/2009	2643576.5	2643576.5		0	93474	1456256.9	1549730.7							
6/3/2009	2647355.5	2647355.5		0	93474	1460035.9	1553509.7							
6/11/2009	2652368.5	2652368.5		0	93474	1465048.9	1558522.7							
6/19/2009	2657315.0	2657315.0		0	93474	1469995.4	1563469.2	remove #1 water carbn unit, remove pump for cleaning/inspection						
9/1/2009	2657315.0	2657315.0		0	93474	1469995.4	1563469.2	Re-install pump into RS5						
9/8/2009	2662647.5	2662671.5		24	93498	1475327.9	1568825.7	1100	6.3	1	3.9	24	1.4	RS5
9/17/2009	2667834.5	2667834.5		0	93498	1480490.9	1573988.7							

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

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

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



N
W E
S

LUST SITES

WELLS

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

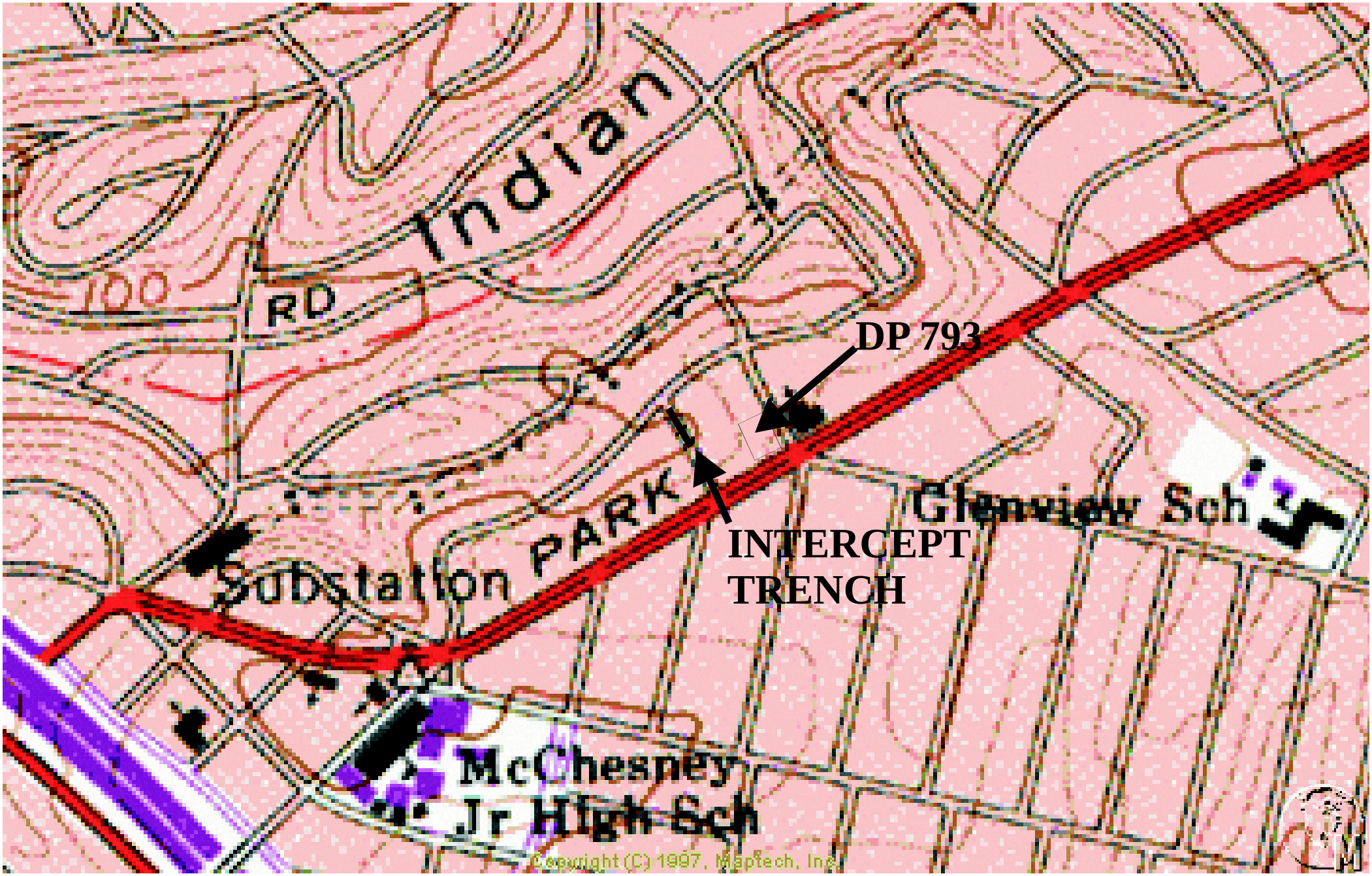


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

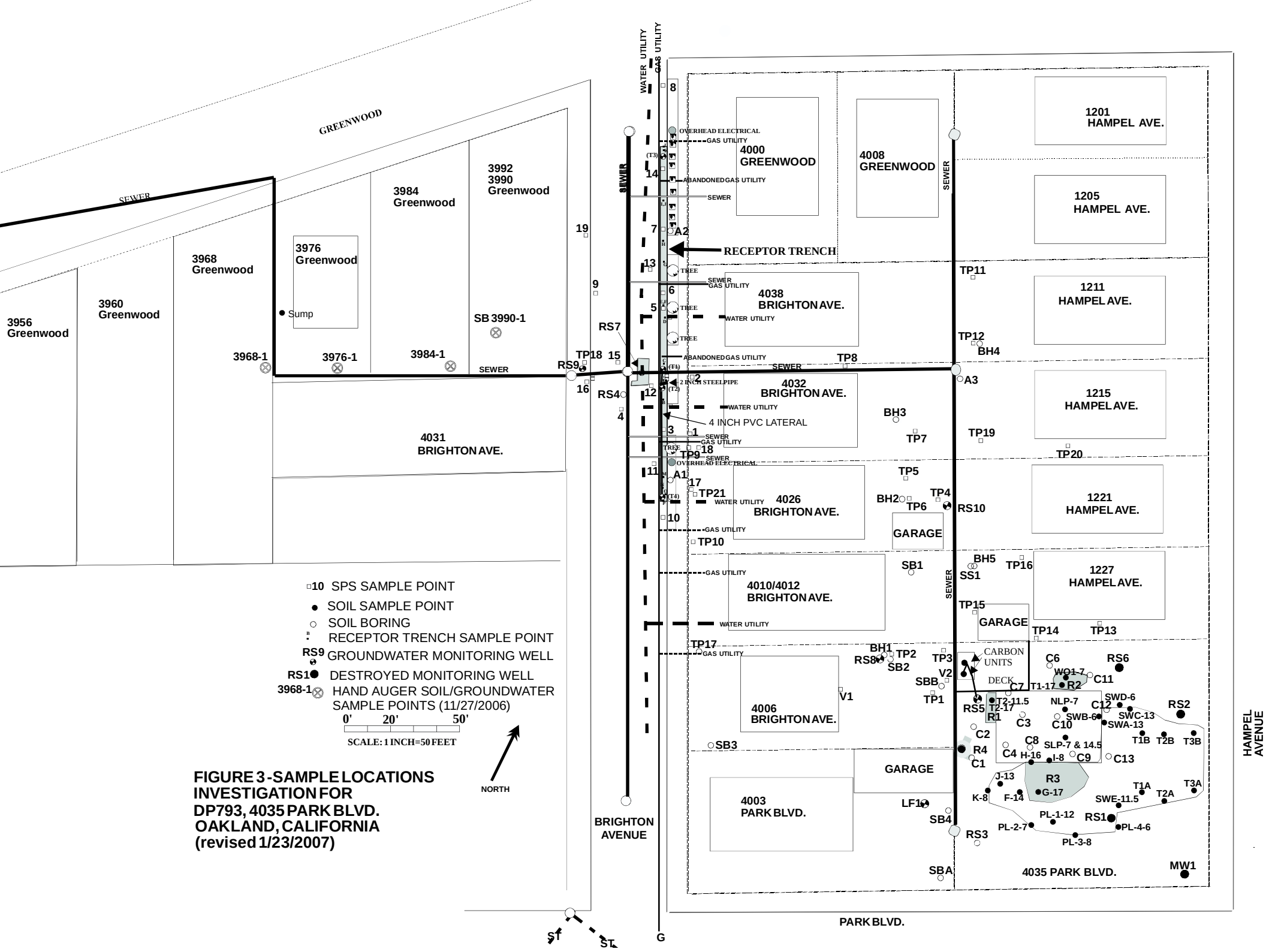


FIGURE 3 - SAMPLE LOCATIONS INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA (revised 1/23/2007)

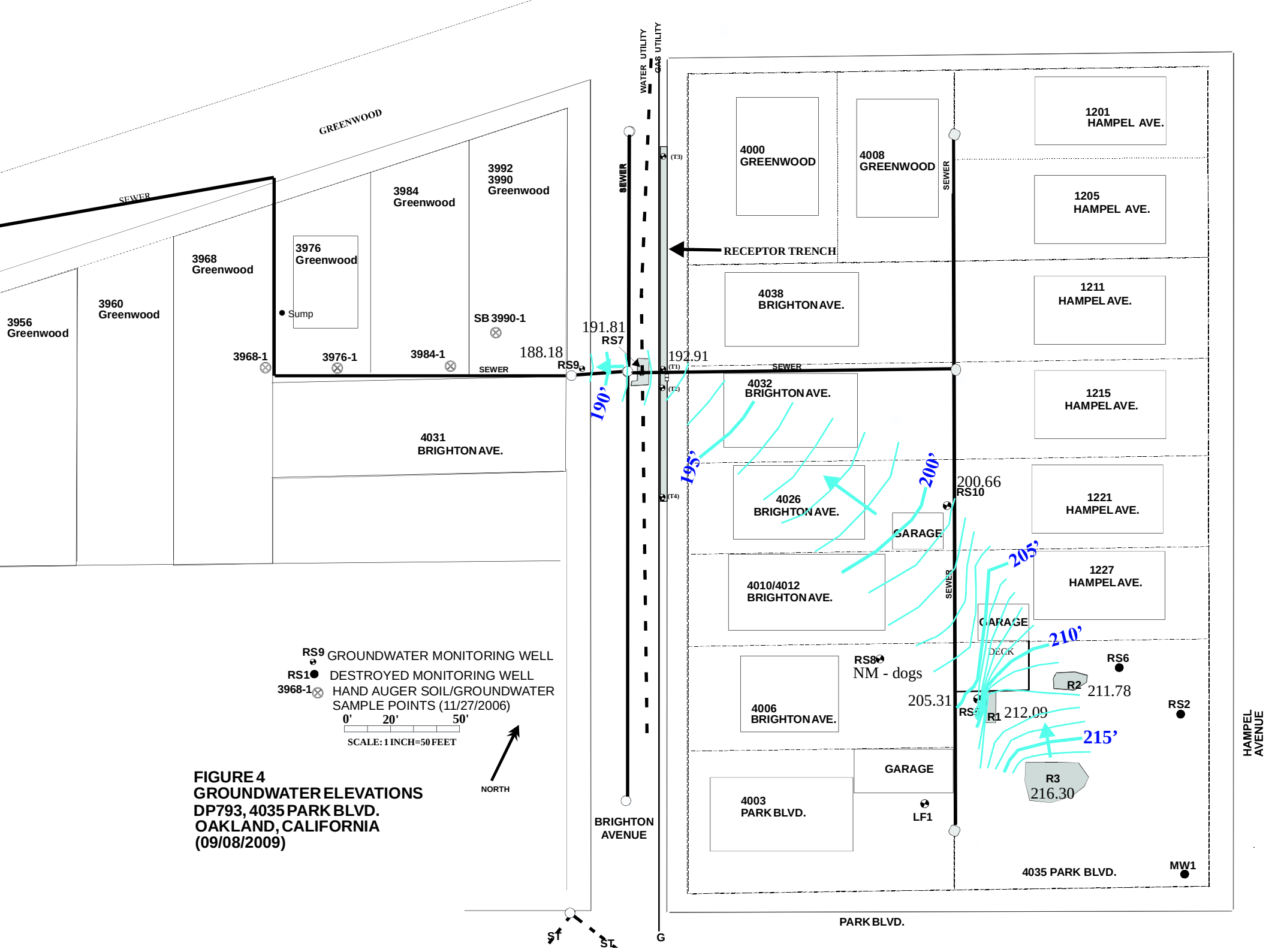


FIGURE 4
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(09/08/2009)

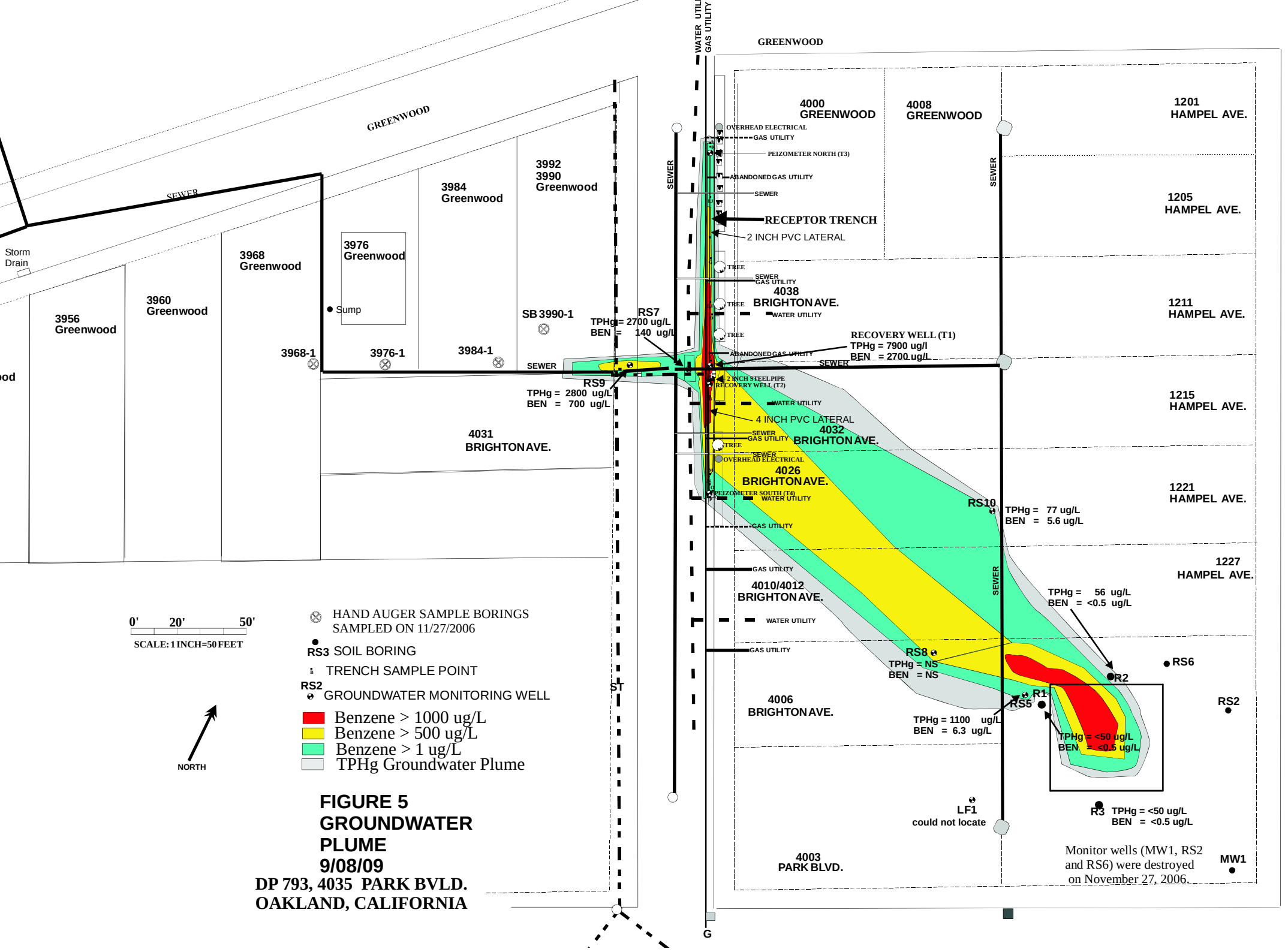


FIGURE 5
GROUNDWATER PLUME
9/08/09
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

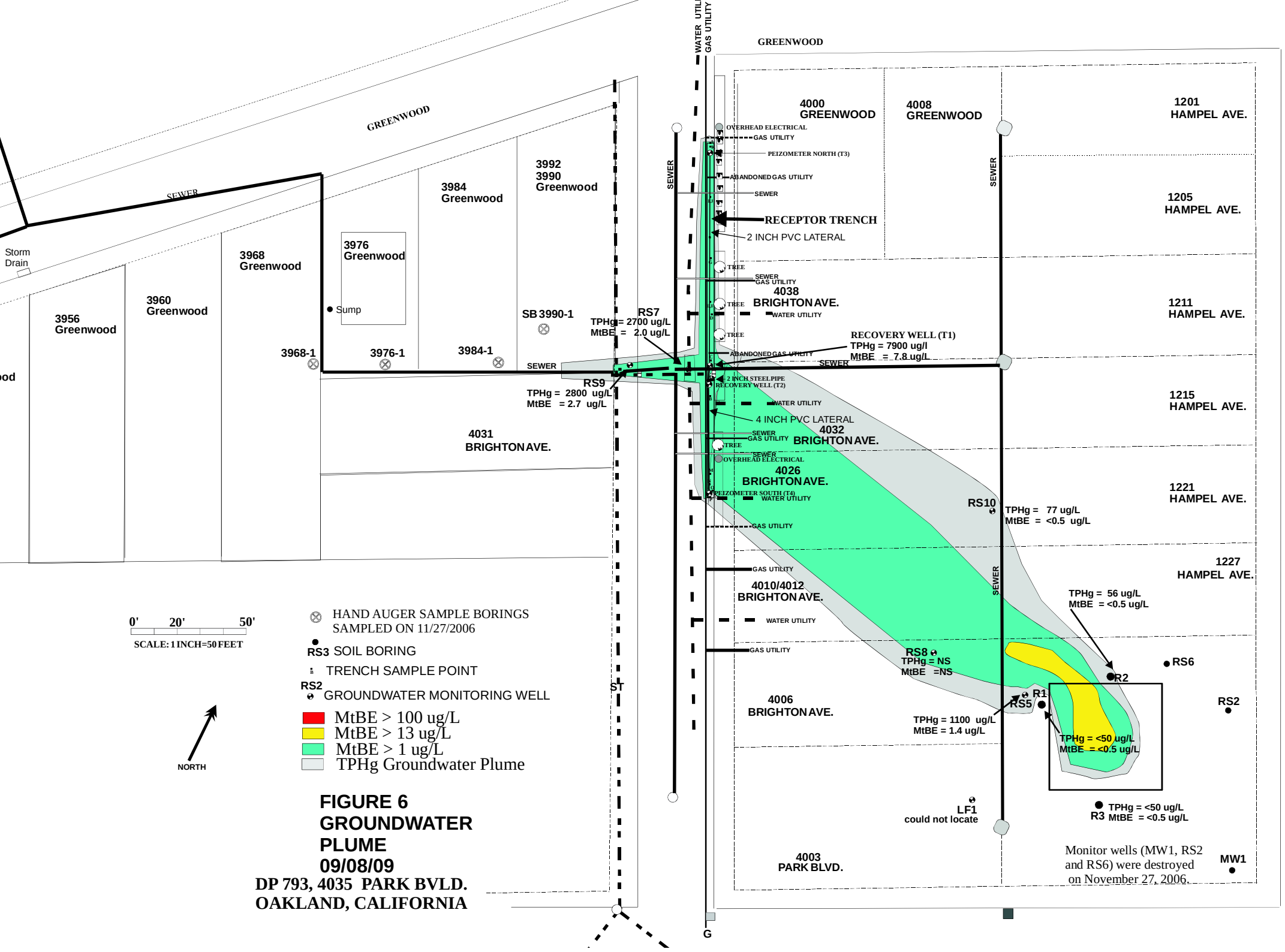


FIGURE 6
GROUNDWATER PLUME
09/08/09
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

APPENDIX A
METHODS AND PROCEDURES QA/QC
WITH FIELD NOTES

APPENDIX A.

METHODS AND PROCEDURES, QA/QC

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

Gauging and Measuring Monitor Wells.

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

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

Purging Standing Water from Monitor Wells

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

Collection of Water Sample for Analysis

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

The vials or bottles containing the ground water samples are labeled with site name, station, date, time, sampler, and analyses to be performed, and documented on a chain of custody form. They were placed in ziplock bags and stored in a chest cooled to 4ºC 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.

-WEGE-

WESTERN
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CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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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 **Sept. 8, 2009** 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	~~32.10~~ 22.30				205.31
RS07	195.99	7.25	4.18				191.81
RS08	214.67	14.50	D95				
RS09	195.63	15.50	7.45				188.18
RS10	208.46	9.80	7.80				200.66
RO1	227.69	16.8	15.6				212.09
RO2	227.28	16.92	~~16.42~~ 15.50				211.78
RO3	227.25	11.74	10.95				216.30
T01	195.11	10	2.90				192.91
T02	195.30	10	2.90 Cav				
T03	202.38	10	Cav				
T04	197.48	10	Cav				

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

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

1.2
1.47
8 4
48
12
1.764

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE Sept 8, 2009 START TIME
WELL ID# R1 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.69 WATER COLUMN, IN FEET 1.2
CASING TOTAL DEPTH, IN FEET 16.80 G/L PURGE ONE CASING VOLUME 1.8 g
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 15.6 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 15.6 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Hand Bail PUMP RATE
DTW METER USED SOLINST MODEL 122 pH, Cond, Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1600				19.0	7.78	456	228		clear no odor
1604			2.0	18.9	7.71	444	222		
1606			4.0	18.9	7.66	442	221		
1610			5.0	18.9	7.63	441	221		
1413			6.0	18.9	7.61	441	226		
								DTW = 15.72	

FINAL VOLUME PURGED 6.25 ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 1415 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# R1 LABORATORY USED KIFF Analytical
NOTES mark site for USA
install pump in RS-5

-WEGE-
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CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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FAX (530) 662-0273
wege@cal.net

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE Sept. 8, 2009 START TIME
WELL ID# R2 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.28 WATER COLUMN, IN FEET 1.42
CASING TOTAL DEPTH, IN FEET 16.92 G/L PURGE ONE CASING VOLUME 2.09 g
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 15.50 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 15.50 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

2.1
1.42
1.42
9 9 4
568
142
2087 4

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~~				19					
1527				20.1	7.73	1126	563		Clear no odor
1529			1.5	19.8	7.76	1079	538		
1532			3.0	19.9	7.78	1041	521		
1535			4.5	20.1	7.79	1024	512		
1538			6.0	19.7	7.80	1021	509		
							DTW = 15.55'		

FINAL VOLUME PURGED 6.25 gl ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 1540 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# R2 LABORATORY USED KIFF Analytical
NOTES

WESTERN
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FAX (530) 662-0273
wege@cal.net

3 5
1.47

0.8
11 76

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE Sept 8, 2009 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 1.2 gl
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/PT)
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.)
1500				~~21.4~~ ~~19.9~~	~~7.89~~ ~~7.44~~	807	401		Turbid Grey color
1505			1.0	21.7	7.99	766	383		
1508			2.0	21.7	7.95	735	367		
1510			3.0	22.0	7.95	730	365		
1512			4.0	22.0	7.95	723	362		
							. DTW = 11.00'		

FINAL VOLUME PURGED 4.25
TIME SAMPLED 1516
SAMPLE ID# R3
NOTES

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

-WEGE-

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

WELL SAMPLE DATA SHEET

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

DATE Sept 8, 2009 START TIME

WELL ID# RS05 SAMPLE BY CONVERSE

CASING ELEVATION, IN FEET 227.61 WATER COLUMN, IN FEET

CASING TOTAL DEPTH, IN FEET 39.20 G/L PURGE ONE CASING VOLUME

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

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

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

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

TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS

PUMP TYPE GRUNDFOS 4 INCH 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.)
1442									
				20.3	7.72	215	105		Clear no color
								DTW	32.10
		water meter			04	56901.5			
		electric meter			11866				
~~1st~~ 1442	/	Turn	pump off						
1622				DTW	→			→	22.30
	#1 Carbon			1.0	#2 Carbon	flow = 0.0			
				04	569250				

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

TIME SAMPLED 1442 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S

SAMPLE ID# RS05 LABORATORY USED KIFF Analytical

NOTES Pumping well (continuous)

8/9/

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CALIF. CONTRACTOR #513857
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wege@cal.net

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **Sept 8, 2009** START TIME
WELL ID# **RS07** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **195.99** WATER COLUMN, IN FEET 2.8
CASING TOTAL DEPTH, IN FEET **7.0** G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES **4"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 4.18 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 4.18 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **hand bail** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

4
2.8
.65
6
14
168
1820

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.)
1242				21.5	7.63	551	~~275~~		SI turbid to odor
1245			1.5	21.5	7.66	521	259		
1248			3.0	21.6	7.68	493	246		
1250			4.5	21.6	7.71	485	242		
1253			6.0	21.5	7.71	475	238		
							DTW = 4.30		

FINAL VOLUME PURGED 6.25
TIME SAMPLED 1255
SAMPLE ID# **RS07**
NOTES

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

-WEGE-
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GEO-ENGINEERS
CALIF. CONTRACTOR #513857
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 **Sept 8, 2009** START TIME
WELL ID# **RS08** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **214.67** WATER COLUMN, IN FEET
CASING TOTAL DEPTH, IN FEET **14.5** G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **DISPOSABLE BAILER** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

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

Dogs
Could Not
Access

FINAL VOLUME PURGED
TIME SAMPLED
SAMPLE ID# **RS08**
NOTES

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

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

1386 EAST BEAMER STREET
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wege@cal.net

5'
.165
8
1320

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **Sept 8, 2009** START TIME
WELL ID# **RS09** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **195.63** WATER COLUMN, IN FEET 8.05
CASING TOTAL DEPTH, IN FEET **15.50** G/L PURGE ONE CASING VOLUME 1.3 gals
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 7.45 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 7.45 FT³ WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **DISPOSABLE BAILER** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL. GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1210				14.0	7.39	259	129		SL Turbid brown — fe odor
12:15			1.0	18.9	7.42	273	136		
12:18			2.0	18.9	7.42	275	136		
12:22			3.0	18.7	7.47	321	160		Less Turbid
12:25			4.0	18.7	7.49	340	170		
							DTW =	10.45	

FINAL VOLUME PURGED 4.25 gals ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**
TIME SAMPLED 12:28 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**
SAMPLE ID# **RS09** LABORATORY USED **KIFF Analytical**
NOTES

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CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **Sept 8, 2009** START TIME
WELL ID# **RS10** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **208.46** WATER COLUMN, IN FEET 7.98
CASING TOTAL DEPTH, IN FEET **9.78'** G/L PURGE ONE CASING
VOLUME 0.33 gl
CASING DIAMETER IN INCHES **2"**
DEPTH TO TOP OF FLUID 1.80

(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

DEPTH TO TOP OF WATER
TOP OF WATER ELEVATION
PUMP TYPE **DISPOSABLE BAILER**
DTW METER USED **SOLINST MODEL 122**
pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
11:45				18.3	7.52	227	113		Turbid muddy brown color
1150		1.0		17.7	7.52	229	113		
1152		1.5		17.5	7.49	228	114		Less Turbid
							DTW=		9.25

FINAL VOLUME PURGED 1.75
TIME SAMPLED 1154
SAMPLE ID# **RS10**

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
REGISTERED GEOLOGISTS

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

WELL SAMPLE DATA SHEET

T1-2

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE Sept. 8, 2009 START TIME
WELL ID# RECEPTOR TRENCH T1, T2, T3, T4 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET T2=195.30 WATER COLUMN, IN FEET 7.1
CASING TOTAL DEPTH, IN FEET 10 G/L PURGE ONE CASING VOLUME 4 Gal
CASING DIAMETER IN INCHES 4" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 2.90 2" = 0.625 L/FT 4 INCH = 0.65 gl/ FT
4" = 2.46 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 2.90 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

7.1 · .65 = 4.6 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.)
1409				23.7	7.82	640	325		clear
1408			1.5	22.5	7.81	634	317		
1410			3.0	22.2	7.77	638	319		
1412			4.5	22.0	7.77	640	320		clear
							DTW = 2.95		

FINAL VOLUME PURGED 5.0 ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 1415 SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# T1 LABORATORY USED KIFF Analytical
NOTES

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 Converse

California EDF Report? [X] Yes [ ] No

Company / Address: 1766 E Pesma St. CWEEE / Woodland, CA 95776

Sampling Company Log Code:

Phone Number: 530 668 5300

Global ID:

Fax Number:

EDF Deliverable To (Email Address):

Project #: Sept 8 2009 Sampling P.O. #:

Bill to: Paid ck # 8870

Project Name: DP793

Sampler Print Name: George Converse

Sampler Signature: [signature]

Project Address: Oakland

Analysis Request (CIRCLE METHOD)

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	Water	Soil	Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	TAT	For Lab Use Only
RS 05	9-8-09	1442	3					X			X			X	X	X														1wk	
RS 07	〃	1255	〃					〃			〃			〃	〃	〃														〃	
RS 09	〃	1228	〃					〃			〃			〃	〃	〃														〃	
RS 10	〃	1154	〃					〃			〃			〃	〃	〃														〃	
R 1	〃	1415	〃					〃			〃			〃	〃	〃														〃	
R2	〃	1540	〃					〃			〃			〃	〃	〃														〃	
R3	〃	1516	〃					〃			〃			〃	〃	〃														〃	
T1	〃	~~1415~~ 1415	〃					〃			〃			〃	〃	〃														〃	

TAT options: [ ] 12 hr [ ] 24 hr [ ] 48hr [ ] 72hr [X] 1 wk

Relinquished by:	Date	Time	Received by:
[signature]	9-8-09	1850	
	090809	1850	Received by Laboratory: [signature] Kiff Analytical

Remarks: Paid in Full check # 8870 090809

Distribution: White – Lab; Pink – Originator
Rev: 050409

FORMER DESERT PETROLEUM SITE DP 703

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

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

DATE 4-7-09

REASON FOR SITE VISIT weekly o&m

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS lash old

ELECTRIC METER 11289

WATER METER 0405049

SAMPLE(s) no

SITE MONITORED BY: Amy

	WASTEWATER	
	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED _____
GALLONS PURGED _____

PRESSURE WATER CARBONS #1_____PSI, #2_____PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS _____

CONDITION OF COMPOUND COMMENTS _____

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

DP793 April 17 2008

Clean with Breeze

Elec. 11315

Water meter 04116780

0.5 gpm

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 4-23-09

REASON FOR SITE VISIT week 4½ 01 m

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS8

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Weekly vacuum out

ELECTRIC METER 11332

WATER METER 0415572

SAMPLE(s) None

SITE MONITORED BY: Conner

	WASTEWATER	
	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 X PSI, #2 3 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS ____

CONDITION OF COMPOUND COMMENTS ____

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

DP 793 4-30-09

water meter 04200520

no discharge on arrival

open carbon to inspect - no lost accumulation

reseal & restart system @ 1 psi #1 carbon

elec. = 11354

FORMER DESERT PETROLEUM SITE DP 793

4035 PARK BLVD.
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER 5043650 1

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

DATE 5-7-09

REASON FOR SITE VISIT weekly o&m

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T-1				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Sheen of Scum, warm

ELECTRIC METER 11379

WATER METER 0424503 @ 9:30AM

SAMPLE/s None

SITE MONITORED BY: Chris

WASTEWATER

	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 X PSI, #2 1.0 PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS ____

CONDITION OF COMPOUND COMMENTS ____

Acceptance of water phase carbon units only if completely flooded with water ____ yes ____ no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition ____ yes ____ no - return to carbon manufacture

5-14-09 DP793

water meter 0429024

electric meter 11410

Carbon 45 psi

Carbons good

weather sunny warm

inspector Concerie

Lot needs weeding/mowing

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 5-22-09 REASON FOR SITE VISIT Weekly O&M

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Sunny, warm

ELECTRIC METER 11452 WATER METER 0434073

SAMPLE(s) NA SITE MONITORED BY Concere

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

PRESSURE WATER CARBONS #1 X PSI, #2 0.5 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS_____

CONDITION OF COMPOUND COMMENTS_____

Acceptance of water phase carbon units only if completely flooded with water_____yes _____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 6.5 and containers are in good condition _____yes _____no - return to carbon manufacture

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 5-28-09

REASON FOR SITE VISIT weekly O&M

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS8

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Sump warm

ELECTRIC METER 11488

WATER METER 0437830.0

SAMPLE(s) None

SITE MONITORED BY: Converse

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 0.5 PSI, #2 ____ PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

CONDITION OF COMPOUND COMMENTS good

Acceptance of water phase carbon units only if completely flooded with water ____yes ____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 6.5 and containers are in good condition ____yes ____no - return to carbon manufacture

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 6-3-09

REASON FOR SITE VISIT weekly o&m

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS8

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS weekly o&m

ELECTRIC METER 11537

WATER METER 0441609

SAMPLE(s) NO

SITE MONITORED BY: Conner

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED
GALLONS PURGED

PRESSURE WATER CARBONS #1 X PSI, #2 0 PSI

WATER PHASE CARBON UNITS INSPECTION COMMENTS good

CONDITION OF COMPOUND COMMENTS good

Acceptance of water phase carbon units only if completely flooded with water ___ yes ___ no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition ___ yes ___ no - return to carbon manufacture

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 6-11-09 REASON FOR SITE VISIT weekly O&M

	TRENCH WELL T1				
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS overcast cool. pumping on arrival.

ELECTRIC METER 11678 WATER METER 0446622

SAMPLE(s) None SITE MONITORED BY: Cimery

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

PRESSURE WATER CARBONS #1 X PSI, #2 1.0 PSI.

WATER PHASE CARBON UNITS INSPECTION COMMENTS____

CONDITION OF COMPOUND COMMENTS____

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 6-19-09 REASON FOR SITE VISIT weekly o&m

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS8

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Met w/ EBMUD inspector, Obtain Compliance sample - turn system off. remove pump from RS-5 remove pump Controller Secure well RS-5. Remove oak mats

ELECTRIC METER 11855 WATER METER 04515685

SAMPLE(s) Sewer Compliance Sample SITE MONITORED BY: Oneeye

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED _____
GALLONS PURGED _____

PRESSURE WATER CARBONS #1_____PSI; #2_____PSI.

WATER PHASE CARBON UNITS INSPECTION COMMENTS Need replacement for tanned #1

CONDITION OF COMPOUND COMMENTS good

Acceptance of water phase carbon units only if completely flooded with water _____yes _____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 6.5 and containers are in good condition _____yes _____no - return to carbon manufacture

KIFF Analytical LLC

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

SRG # / Lab No. ______

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse

California EDF Report? ☒ Yes ☐ No

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

Sampling Company Log Code:

Phone Number: 530 668 5300

Global ID:

Fax Number:

EDF Deliverable To (Email Address):

Project #: Seccan

P.O. #:

Bill to: Paid on Delivery

Project Name: DP 793

Sampler Print Name: George Converse

Sampler Signature: [signature]

Project Address: Oakland

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

Analysis Request (PLEASE CIRCLE METHOD)

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	Water	Soil	Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)	For Lab Use Only
Seccan	6-19-09	930	3					X			X				X															(a)

Relinquished by:	Date	Time	Received by:
G Converse [signature]	6-19-09	1637	

Relinquished by:	Date	Time	Received by Laboratory:
	061909	1637	[signature] Kiff Analytical

Remarks: Paid on delivery in check # 8900

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.9	LJR	061909	1636	IR-2	(Yes) / No

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-1-09 REASON FOR SITE VISIT Install RS-5 Pump

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS

ELECTRIC METER 11855 WATER METER 0451568.0

SAMPLE(s) NA SITE MONITORED BY: Cisneros

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS - #1 40 PSI, #2 0 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS ____

CONDITION OF COMPOUND COMMENTS ____

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-8-09

REASON FOR SITE VISIT Semi Annual well sample
Half weekly O&M

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3

PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4

PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS Connect new carbon unit #2, position.

ELECTRIC METER 11866

WATER METER 4569015
Flow Cutoff 4569250

SAMPLE(s) yes - semi annual wells

SITE MONITORED BY: Conieri

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED _____
GALLONS PURGED _____

PRESSURE WATER CARBONS #1_____PSI, #2_____PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS Received new #2

CONDITION OF COMPOUND COMMENTS good

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-17-09 REASON FOR SITE VISIT weekly O&M

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS

ELECTRIC METER 11877 WATER METER 4620880

SAMPLE(s) No SITE MONITORED BY: Convera

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED_____
GALLONS PURGED_____

PRESSURE WATER CARBONS #1 1 PSI, #2 X PSI.

WATER PHASE CARBON UNITS INSPECTION COMMENTS_____

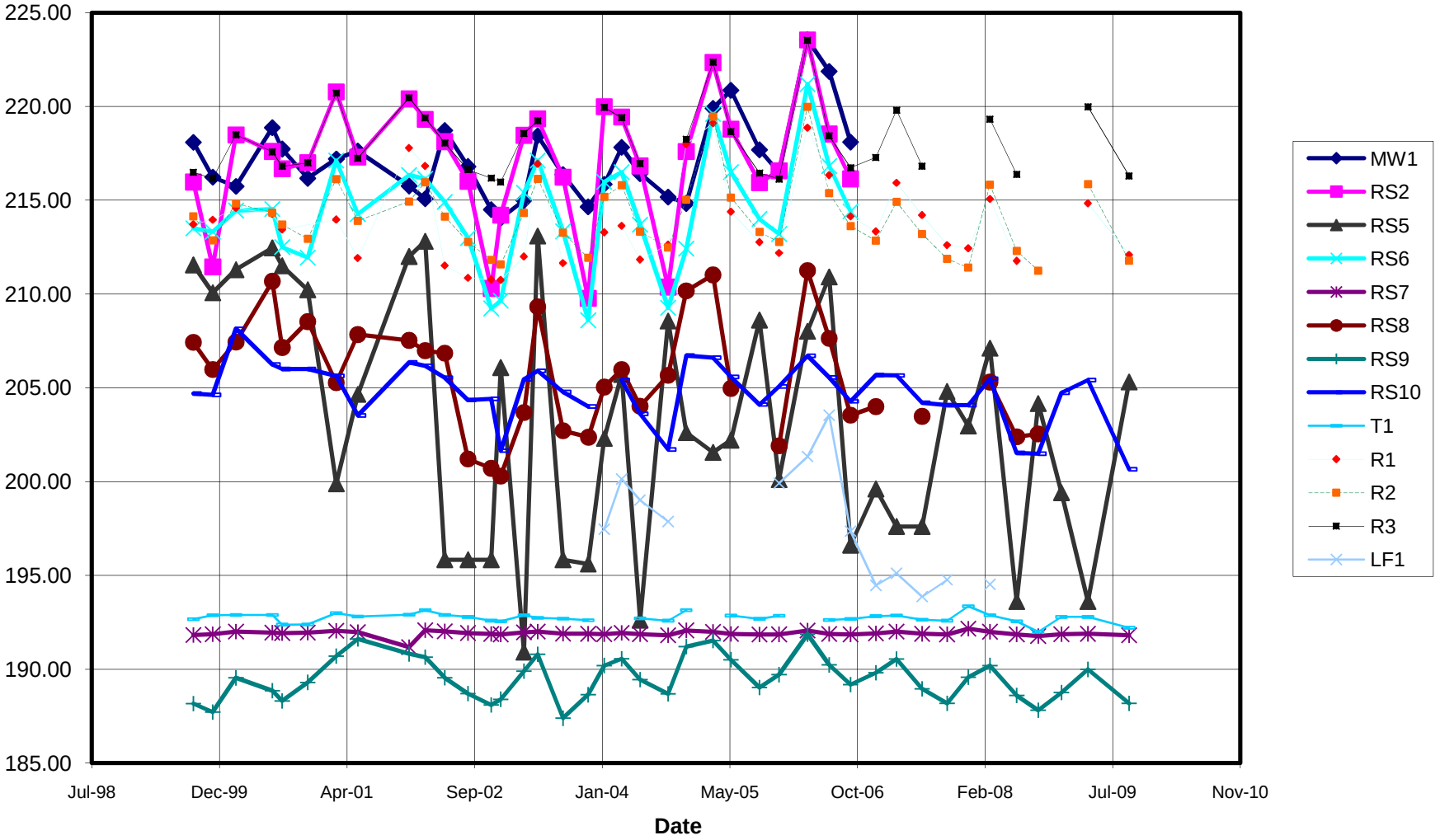
CONDITION OF COMPOUND COMMENTS_____

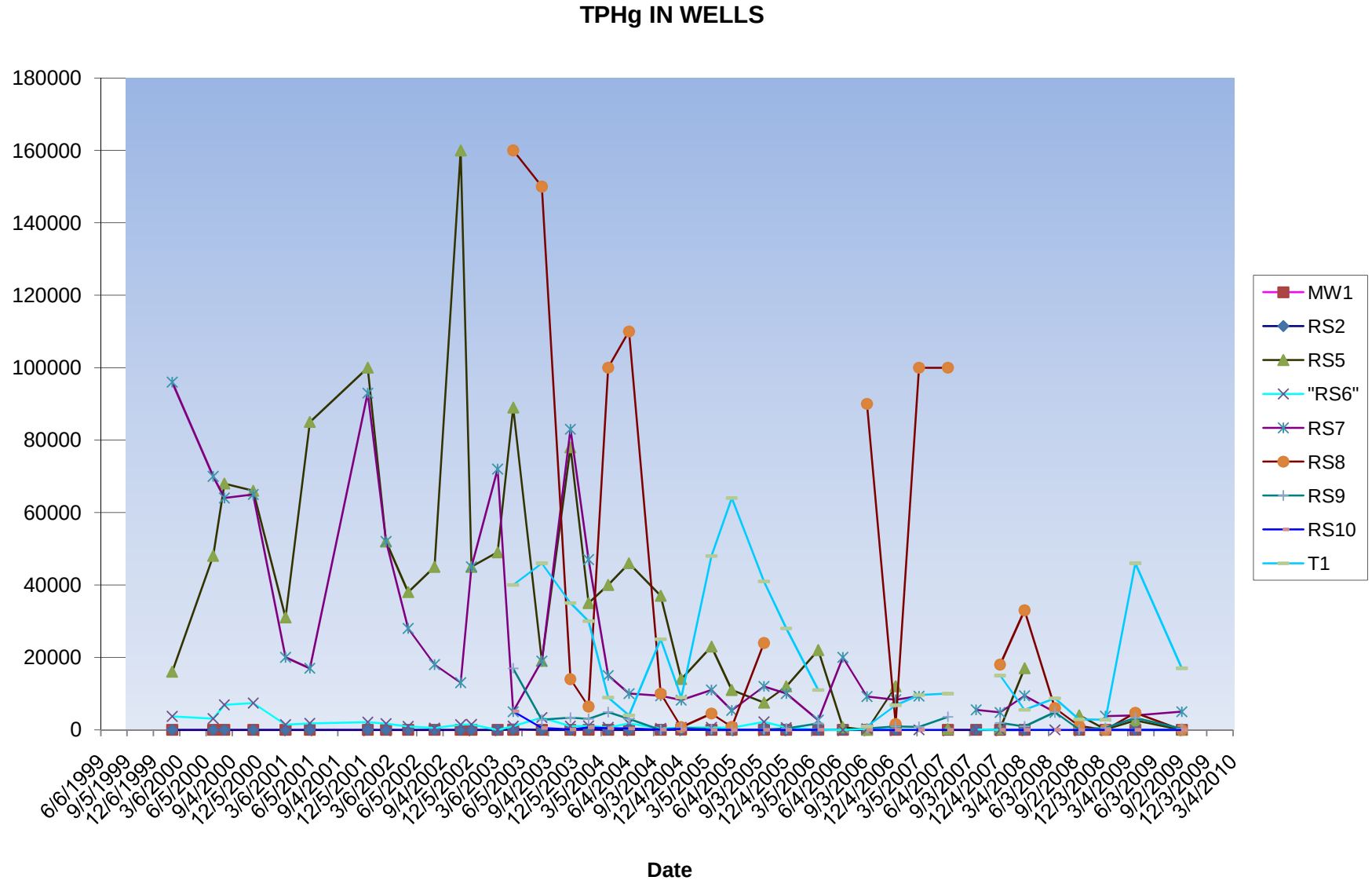
Acceptance of water phase carbon units only if completely flooded with water_____ yes _____no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 8.5 and containers are in good condition _____yes _____no - return to carbon manufacture

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
6/6/1999
9/5/1999
12/6/1999
3/6/2000
6/5/2000
9/4/2000
12/5/2000
3/6/2001
6/5/2001
9/4/2001
12/5/2001
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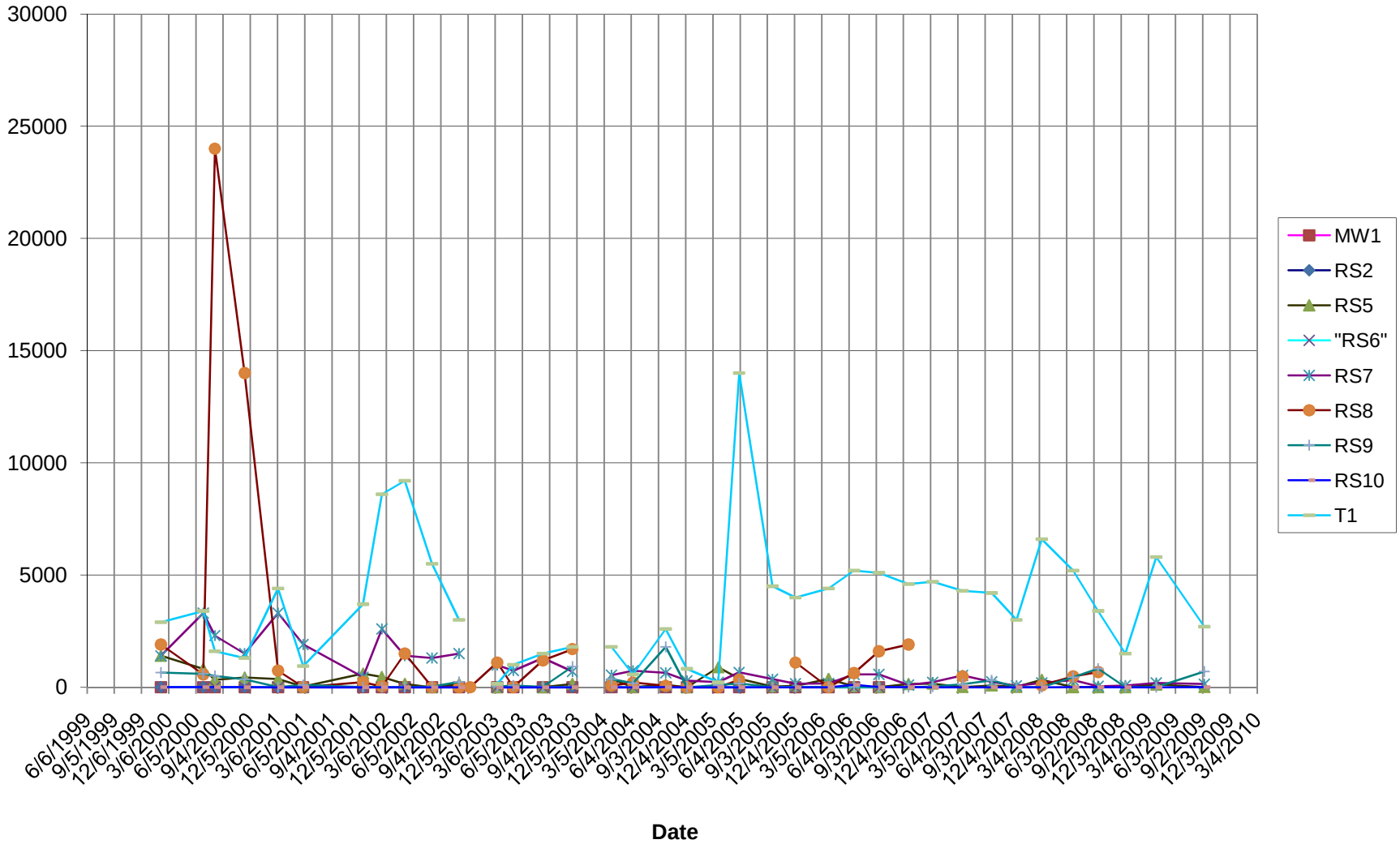
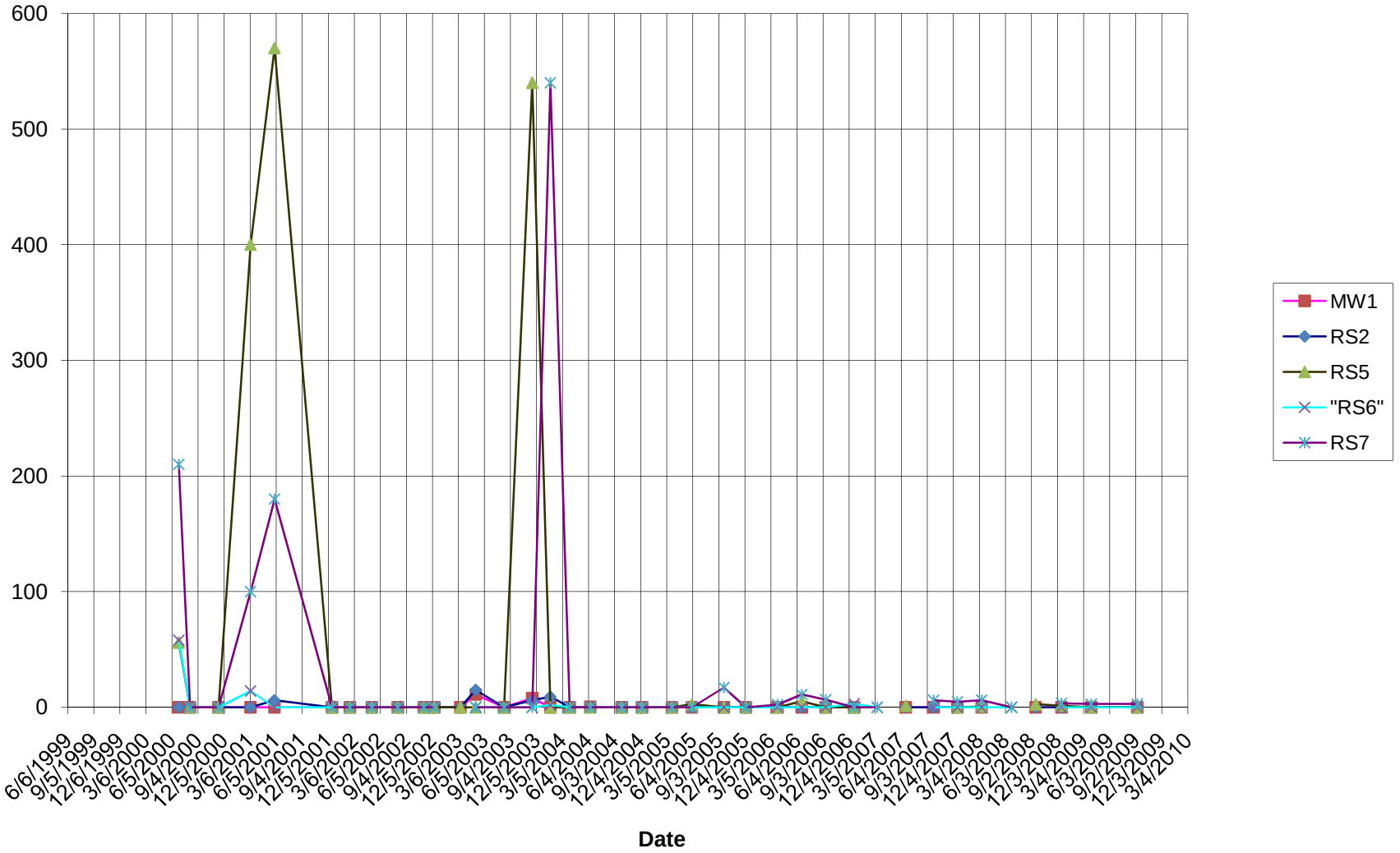
3/4/2008
6/3/2008
9/2/2008
12/3/2008
3/4/2009
6/3/2009
9/2/2009
12/3/2009
3/4/2010
Date
MW1
RS2
RS5
"RS6"
RS7
RS8
RS9
RS10
T1

BENZENE IN WELLS



MTBE IN WELLS



APPENDIX C.

LABORATORY REPORTS

KIFF Analytical LLC

Report Number : 69962
Date : 09/14/2009

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

Subject : 8 Water Samples
Project Name : DP793
Project Number : Sept 8 2009 Samples

Dear Mr. Converse,

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

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 69962
Date : 09/14/2009

Project Name : **DP793**
Project Number : **Sept 8 2009 Samples**

Sample : **RS05** Matrix : Water Lab Number : 69962-01
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**6.3**	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	**1.0**	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	**3.9**	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	**24**	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	**1.4**	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	**1100**	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	93.1		% Recovery	EPA 8260B	09/10/2009

Sample : **RS07** Matrix : Water Lab Number : 69962-02
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**140**	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	**7.3**	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	**42**	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	**14**	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	**2.0**	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	**2700**	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	96.0		% Recovery	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	98.2		% Recovery	EPA 8260B	09/10/2009

KIFF Analytical LLC

Report Number : 69962
Date : 09/14/2009

Project Name : **DP793**
Project Number : **Sept 8 2009 Samples**

Sample : **RS09** Matrix : Water Lab Number : 69962-03
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**700**	1.5	ug/L	EPA 8260B	09/11/2009
Toluene	**2.9**	0.50	ug/L	EPA 8260B	09/11/2009
Ethylbenzene	**5.4**	0.50	ug/L	EPA 8260B	09/11/2009
Total Xylenes	**21**	0.50	ug/L	EPA 8260B	09/11/2009
Methyl-t-butyl ether (MTBE)	**2.7**	0.50	ug/L	EPA 8260B	09/11/2009
TPH as Gasoline	**2800**	50	ug/L	EPA 8260B	09/11/2009
1,2-Dichloroethane-d4 (Surr)	98.0		% Recovery	EPA 8260B	09/11/2009
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	09/11/2009

Sample : **RS10** Matrix : Water Lab Number : 69962-04
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**5.6**	0.50	ug/L	EPA 8260B	09/12/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	09/12/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/12/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	09/12/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	09/12/2009
TPH as Gasoline	**77**	50	ug/L	EPA 8260B	09/12/2009
1,2-Dichloroethane-d4 (Surr)	99.6		% Recovery	EPA 8260B	09/12/2009
Toluene - d8 (Surr)	99.2		% Recovery	EPA 8260B	09/12/2009

KIFF Analytical LLC

Report Number : 69962
Date : 09/14/2009

Project Name : **DP793**
Project Number : **Sept 8 2009 Samples**

Sample : **R1** Matrix : Water Lab Number : 69962-05
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/11/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	09/11/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/11/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	09/11/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	09/11/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	09/11/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	09/11/2009
Toluene - d8 (Surr)	88.7		% Recovery	EPA 8260B	09/11/2009

Sample : **R2** Matrix : Water Lab Number : 69962-06
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	**56**	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	98.5		% Recovery	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	98.4		% Recovery	EPA 8260B	09/10/2009

KIFF Analytical LLC

Report Number : 69962
Date : 09/14/2009

Project Name : **DP793**
Project Number : **Sept 8 2009 Samples**

Sample : **R3** Matrix : Water Lab Number : 69962-07
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	09/10/2009

Sample : **T1** Matrix : Water Lab Number : 69962-08
Sample Date :09/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2700**	4.0	ug/L	EPA 8260B	09/11/2009
Toluene	**57**	4.0	ug/L	EPA 8260B	09/11/2009
Ethylbenzene	**50**	4.0	ug/L	EPA 8260B	09/11/2009
Total Xylenes	**180**	4.0	ug/L	EPA 8260B	09/11/2009
Methyl-t-butyl ether (MTBE)	**7.8**	4.0	ug/L	EPA 8260B	09/11/2009
TPH as Gasoline	**7900**	400	ug/L	EPA 8260B	09/11/2009
1,2-Dichloroethane-d4 (Surr)	105		% Recovery	EPA 8260B	09/11/2009
Toluene - d8 (Surr)	97.1		% Recovery	EPA 8260B	09/11/2009

Report Number : 69962

Date : 09/14/2009

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **Sept 8 2009 Samples**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/11/2009
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	09/11/2009
Toluene - d8 (Surr)	103		%	EPA 8260B	09/11/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	93.6		%	EPA 8260B	09/10/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	102		%	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	100		%	EPA 8260B	09/10/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/10/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/10/2009
1,2-Dichloroethane-d4 (Surr)	98.8		%	EPA 8260B	09/10/2009
Toluene - d8 (Surr)	98.6		%	EPA 8260B	09/10/2009
Benzene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	09/11/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	09/11/2009
1,2-Dichloroethane-d4 (Surr)	98.4		%	EPA 8260B	09/11/2009
Toluene - d8 (Surr)	98.7		%	EPA 8260B	09/11/2009

KIFF ANALYTICAL, LLC

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

Report Number : 69962

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 09/14/2009

Project Name : **DP793**

Project Number : **Sept 8 2009 Samples**

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	70000-01	<0.50	40.5	40.4	39.8	39.8	ug/L	EPA 8260B	9/11/09	98.2	98.4	0.200	70-130	25
Methyl-t-butyl ether	70000-01	68	40.6	40.5	102	104	ug/L	EPA 8260B	9/11/09	83.3	87.3	4.64	70-130	25
Toluene	70000-01	<0.50	40.0	39.9	40.2	40.0	ug/L	EPA 8260B	9/11/09	100	100	0.156	70-130	25
Benzene	69962-01	6.3	40.6	40.6	40.1	38.9	ug/L	EPA 8260B	9/10/09	83.2	80.3	3.57	70-130	25
Methyl-t-butyl ether	69962-01	1.4	40.6	40.6	44.0	43.6	ug/L	EPA 8260B	9/10/09	105	104	0.911	70-130	25
Toluene	69962-01	1.0	40.1	40.1	35.8	35.1	ug/L	EPA 8260B	9/10/09	86.8	85.0	2.10	70-130	25
Benzene	69962-02	140	40.6	40.6	176	173	ug/L	EPA 8260B	9/10/09	95.5	86.4	10.0	70-130	25
Methyl-t-butyl ether	69962-02	2.0	40.6	40.6	40.4	39.7	ug/L	EPA 8260B	9/10/09	94.6	92.9	1.84	70-130	25
Toluene	69962-02	7.3	40.1	40.1	45.4	43.7	ug/L	EPA 8260B	9/10/09	95.0	90.7	4.61	70-130	25
Benzene	69962-06	<0.50	40.6	40.6	38.2	37.6	ug/L	EPA 8260B	9/10/09	94.0	92.5	1.55	70-130	25
Methyl-t-butyl ether	69962-06	<0.50	40.6	40.6	37.5	37.2	ug/L	EPA 8260B	9/10/09	92.3	91.6	0.774	70-130	25
Toluene	69962-06	<0.50	40.1	40.1	37.9	37.4	ug/L	EPA 8260B	9/10/09	94.4	93.3	1.23	70-130	25
Benzene	70011-02	<0.50	40.6	40.6	39.0	38.3	ug/L	EPA 8260B	9/11/09	96.1	94.4	1.82	70-130	25
Methyl-t-butyl ether	70011-02	<0.50	40.6	40.6	38.2	37.7	ug/L	EPA 8260B	9/11/09	94.0	92.9	1.24	70-130	25
Toluene	70011-02	<0.50	40.1	40.1	39.1	38.4	ug/L	EPA 8260B	9/11/09	97.5	95.9	1.73	70-130	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 8 2009 Samples**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.6	ug/L	EPA 8260B	9/11/09	96.6	70-130
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	9/11/09	91.6	70-130
Toluene	40.1	ug/L	EPA 8260B	9/11/09	97.9	70-130
Benzene	40.3	ug/L	EPA 8260B	9/10/09	94.0	70-130
Methyl-t-butyl ether	40.3	ug/L	EPA 8260B	9/10/09	109	70-130
Toluene	39.8	ug/L	EPA 8260B	9/10/09	90.2	70-130
Benzene	40.8	ug/L	EPA 8260B	9/10/09	99.1	70-130
Methyl-t-butyl ether	40.8	ug/L	EPA 8260B	9/10/09	104	70-130
Toluene	40.3	ug/L	EPA 8260B	9/10/09	101	70-130
Benzene	40.2	ug/L	EPA 8260B	9/10/09	94.3	70-130
Methyl-t-butyl ether	40.8	ug/L	EPA 8260B	9/10/09	92.6	70-130
Toluene	40.2	ug/L	EPA 8260B	9/10/09	94.9	70-130
Benzene	40.0	ug/L	EPA 8260B	9/11/09	90.4	70-130
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	9/11/09	85.9	70-130
Toluene	40.0	ug/L	EPA 8260B	9/11/09	92.8	70-130

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

SRG # / Lab No. 69962

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse
Company / Address: 1786 E Barna St CVEGE / Oakland, CA 958?6
Phone Number: 530 668 5300
Fax Number:
Project #: Sept 8 2009 Sampling
P.O. #:
Project Name: DP793
Project Address: Oakland

California EDF Report? ☒ Yes ☐ No
Sampling Company Log Code:
Global ID:
EDF Deliverable To (Email Address):
Bill to: Paid ck # 8870
Sampler Print Name: George Converse
Sampler Signature: [signature]

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

Analysis Request (CIRCLE METHOD): 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)

Sample Designation	Date	Time	40 ml VOA	HCl	Water	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	TAT	For Lab Use Only
RS 05	9-8-09	1442	3	X	X	X	X	X	1wk	-01
RS 07	(	1255	(	(	(	(	(	(	(	-02
RS 09	(	1228	(	(	(	(	(	(	(	-03
RS 10	(	1154	(	(	(	(	(	(	(	-04
R1	(	1415	(	(	(	(	(	(	(	-05
R2	(	1540	(	(	(	(	(	(	(	-06
R3	(	1516	(	(	(	(	(	(	(	-07
T1	(	~~1415~~ 1415 (GC)	(	(	(	(	(	(	(	-08

Relinquished by	Date	Time	Received by
[signature]	9-8-09	1850	
	090809	1850	Received by Laboratory: [signature] Kiff Analytical

Remarks: Paid in Full Check # 8870 090809

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: OA (Initials)

SRG#: 69962 Date: 090809

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 5-6 Therm. ID# IR-2 Initial OA Date/Time 090809/1855 ☐ 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 H20	Container type VOA	# of containers received 24
Matrix	Container type	# of containers received
Matrix	Container type	# of containers received

Date and Time Sample Put into Temp Storage Date: 090809 Time: 1850

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: