DESERT PETROLEUM INC.

April 18, 2011

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

RE: The following report documents the "Construction of the Conveyance pipe to connect the newly constructed treatment compound to well T1, Start-up of groundwater pumping from well T1 and April 2011 Semi Annual Groundwater Sampling Report, Former Desert Petroleum Site DP793" dated April 15, 2011, documents groundwater monitor well samplings that occurred on April 6, 2011 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.

4/19/11
Date

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

APRIL 2011
SEMI ANNUAL
GROUNDWATER SAMPLING REPORT
START UP OF GROUNDWATER PUMPING T1

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

FOR

DESERT PETROLEUM

April 15, 2011

BY

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

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Mr. Bill Thompson
Desert Petroleum
3781 Telegraph Road
Ventura, CA 93003
(805) 644-6784 FAX (805) 654-0720

April 15, 2011

Dear Mr. Thompson:

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

1.0 SITE LOCATION AND IDENTIFICATION NUMBERS

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

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

2.0 SITE INVESTIGATION/REMEDIATION CHRONOLOGY

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

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

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

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

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

3.0 LOCAL GEOLOGY

3.1 Geomorphology

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

3.2 Stratigraphy

Station Property

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

Backyard Sewer Lateral Route

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

Brighton Avenue

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

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

4.0 WORK PERFORMED, SEPTEMBER 16, 2010 – APRIL 6, 2011.

During this time frame, Western Geo-Engineers applied and obtained a new sewer discharge permit for Desert Petroleum from EBMUD.and Temporary Sewer Discharge Permit to City Sewer Permit from the City of Oakland. Two geotechnical borings were performed and supervised by GTC GeoTrinity for obtaining a gradeing permit and performing a slope stability study for future excavation of onsite contaminated soils. The temporary electrical panel was upgraded from a 110 volt 100 amp service to a 220 volt 200 amp service. A treatment compound secured by an 8 foot fence with spill protection was installed at the Southwest corner of 4035 Park Blvd. Conveyance piping was installed from intercept trench wells T1, T2 and T4 to the newly installed treatment compound. A new sewer conection was installed from the treatment compound to the City of Stockton sewer pipe located at 4035 Park Bvld. And groundwater pumps were installed into wells T1 and RS5.

During the geotechnical drilling (January 24, 2011) for the grading permit and slope stability study, conducted by GTC GeoTrinity, two soil samples were obtained for laboratory analysis for comparisons with soil samples obtained in December 2004 (6 years earlier) from the area to be excavated, see Table 3 and Figure7. Soil sample GB 1-15 was obtained from the 15 foot depth near former core sample point C4. And soil sample GB 2-17.5 was obtained from the 17.5 foot depth near former core sample point C6. Results of the analytical analysis from the two soil samples indicate degradation (natural attenuation) of the gasoline range hydrocarbons is occurring. Core sample point C6 soil sample obtained from the 17 foot depth contained 1600 mg/Kg TPHg, 0.99 mg/Kg Benzene, 23 mg/Kg Ethylbenzene and 3.2 mg/Kg xylenes. The GB 2-17.5 sample contained 720 mg/Kg TPHg, <0.005 mg/Kg benzene, 9.2 mg/Kg Ethylbenzene and 11 mg/Kg xylenes. This sample was within 2 feet of the 2004 sample and showed reductions of; TPHg 55 %, Benzene 99.5%, Toluene was below laboratory lower detection limits for both samples, but using the lower detection limits as the concentration Toluene was reduced by 98% and Ethylbenzene 60%. Xylenes were greater in the GB 2 sample at 11 mg/Kg compared to the C6 sample which contained 3.2 mg/Kg. This canbe attributed to a higher starting concentration for the GB2 sample by approximately 3.5 times.

5.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on April 6, 2011. Samples were analyzed for Total Petroleum Hydrocarbons as gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, the fuel oxygenant Methyl tert-Butal Alcohol (MtBE) using EPA method 8260B, see Table 1. Figure 3 shows the positions of the groundwater monitoring wells, the receptor trench and previous sample locations.

4.1 Depth to Water Measurements

On April 6, 2011 depth to water was measured at each well using a product/water interface probe. Measurements are referenced to the surveyed elevation at the top of casing at each well. Table 1 shows the elevation of groundwater with respect to mean sea level for all wells through September 16, 2010.

5.0 RESULTS OF GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4 shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on April 6, 2011, prior to purging the wells for sampling, see Table 1 and Appendix A. June 30, 2010 was the last day pumping occurred from well RS5 prior to obtaining depth to water measurements on April 6, 2011. This would indicate that there is no residual pumping effect on the surrounding groundwater. Immediately after obtaining the groundwater samples from the monitor wells, pumps installed in wells T1 and RS5 were started (April 6, 2011).

The current, non pumping influence, flow direction is to the west northwest. The hydraulic gradient averages 0.095 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 of 4003 Park Blvd. and is no longer available for sampling and/or depth to water measurements. Previous depth to water

measurements showed that the groundwater gradient has a steep slope that extends south of RS05 and RS08 out to well LF1. This Northwest lineation is seen in previous groundwater gradient determinations and could be continuous to the change in lithology noted during the excavation of the intercept trench. The excavation south of T1 contained clay and the area north of T1 contained sands.

5.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on April 6, 2011 are shown in Table 1. Table 5 shows the potential of vapor intrusion from groundwater contaminants of concern. Groundwater samples were obtained from monitor wells R1, R2, R3, RS05, RS07, RS08, RS09 and trench well T1. RS10 was not sampled during this event; the bailer was lost in the well and could not be retrieved. A fishing tool will be used to retrieve the bailer at a future visit. RS05 and T1 wells contained submersible pumps, samples were obtained from the sample port of the influent of the first water carbon for these wells, see Appendix A Methods and Proceedures.

Total Petroleum Hydrocarbons - gasoline

Total Petroleum Hydrocarbons-gasoline range (TPHg) has a laboratory lower detection limit (LLDL) of 50 ug/L TPH-G concentrations above the LLDL were found in water samples from monitor wells R2, RS05 RS07, RS08, RS09 and the receptor trench well (T1) ranged from 41000 ug/L at well RS08, to 170 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; R2 at 16 ug/K, RS05 at 100 ug/L, trench well T1 at 12000 ug/L, RS07 at 190 ug/L, RS08 at 29 ug/L and RS09 at 1900 ug/L . R1 and R3 were below laboratory lower detection limits of 0.5 ug/L, see Figure 5 and Appendix C - Laboratory Report.

MtBE

MtBE has a LLDL of 0.5 ug/L. The recommended CPHG for MtBE is 13 ug/L. Analytical results for Fuel Oxygenant MtBE were below laboratory lower detection limits in wells R1, R2, R3, RS05, and RS08 at 0.5 ug/L. Well T1 contained the highest test results of 30 ug/L. RS07 contained 2.2 ug/L and RS09 contained 4.3 ug/L, see Figure 6 and Appendix C – Laboratory Report.

Toluene

Toluene has a LLDL of 0.5 ug/L. The recommended CPHG for toluene is 150 ug/L. Toluene was detected in wells RS05, RS07, RS08, RS09 and T1, ranging from a low of 0.56 ug/L at well RS08 to a high of 3000 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 RS05, RS07, RS09 and T1, ranging from a low of 20 ug/L at well RS09 to a high of 1200 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 RS05, RS07, RS08, RS09 and T1, ranging from a low of 6.2 ug/L at well RS08 to a high of 3300 ug/L at well T1, see Table 1 and Appendix C - Laboratory Report.

6.0 PURGING/PUMPING OF RECEPTOR (INTERCEPT) TRENCH

The last purging of the receptor (intercept) trench occurred on June 30, 2004. A total of 93,553 gallons of groundwater had been pumped from the receptor trench and purged from the groundwater monitoring wells, see Table 2.

A 4 inch submersible grundfos pump was installed into trench well T1 on March 30, 2011. Pumping commenced from well T1 after depth to water measurements and groundwater samples were obtained from all of the monitor wells on April 6, 2011. The system was turned off on April 10, 2011 when leaks were noticed in the compound, no pumped water left the spill containment from the compound. All leaks were removed/repaired. The leaked water drained to a sump inside the spill containment and was pumped through 4 carbon units prior to be discharged to the sanitary sewer. A pressure reducer and valve regulator was installed at the T1 well head on April 13, 2011 and pumping was resumed. From March 30, 2011 to April 13, 2011 7,134 gallons of water has been pumped from the intercept trench well (T1) and treated through a sediment filter and 4 in series carbon units prior to discharge to sewer.

7.0 PUMPING ON-SITE WELL RS05

On February 15, 2001 a submersible pump with a pump bypass was placed into RS05. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS-5 for one week. 3223 gallons were pumped from RS05 through the two, in series, water carbon units and discharged to the sewer. On February 22, 2001 the pump was inspected and showed a slimy growth covering the pump and discharge line that was below the water level. The pump was cleaned and placed back into RS05 and continued to discharge from RS05 through the water carbon units to sewer until July 19, 2001. On July 19, 2001 Desert Petroleum requested suspension of further pumping at the site. The pump was removed and the site secured. From February 15 through July 19, 2001, 78,919 gallons of gasoline contaminated groundwater was recovered from RS05 and treated through carbon before being discharged to the sewer. Pumping from RS05 was resumed on March 21,

2002. A site visit was conducted on June 30, 2010 to remove the pump from RS05 for inspection and cleaning and to obtain a discharge sample prior to suspension of the sewer discharge permit. As of June 30, 2010, 1,714,572 gallons of groundwater have been discharged to the sewer of which 1,621,019 gallons was pumped from RS5 and treated through two, in series, water carbon units prior to being discharge to the sanitary sewer, see Table 2.

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

On April 6, 2011, a 4 inch submisable grundos pump was installed into RS05. After depth to water measurements and samples were obtained from all of the monitor wells, the pump was turned on. The system was turned off on April 10, 2011 when leaks were noticed in the compound, no pumped water left the spill containment from the compound. The leaks were repaired/eliminated. The leaked water drained to a sump inside the spill containment and was pumped through 4 carbon units prior to be discharged to the sanitary sewer. On April 13, 2011 pumping was resumed. As of April 13, 2011 6170.5 gallons of water has been pumped from RS05 since resuming pumping. This water is treated through a sediment filter and 4 in series carbon units prior to discharge to sewer. As of April 13, 2011 1,627,189 gallons of contaminated groundwater has been pumped from RS05.

As of April 13, 2011 a total of 1,727,846 gallons of water has been treated through carbon units and discharged to the sanitary sewer. This water is produced by purgeing wells to obtain samples, weekly purgeing of intercept trench, pumping from wells RS05 and T1 and natural storm events that deliver water to the spill containment.

8.0 FREE PHASE FLOATING PRODUCT REMOVAL

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

9.0 SUMMARY

The lowest hydrocarbon concentrations were observed May 31, 2001 while the weekly pumping of the trench well and the continuous pumping of RS05 were occurring; pumping from RS05 was discontinued between June 19, 2001 and March 21, 2002 and on June 30, 2010. Groundwater pumping was resumed after securing a new sewer discharge permit from EBMUD. Pumping commenced from wells T1 (interecept trench) and RS05 on April 6, 2011. The most recent

sampling, April 6, 2011 shows an increase in hydrocarbon concentrations in wells RS7, R2 and T1, see Table 1 and Charts in Appendix B.

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

Soil core samples obtained from drilling activities December 2004 at 4035 Park Blvd showed high concentrations of TPHg and BTEX existed in the soils and shallow groundwater (8 ft to 32 ft below ground surface) beneath the area that was previously occupied by the station building. Soil samples obtained during drilling for geotechnical grading permit/excavation stability study on January 24, 2011 showed reductions in the soil contamination near previously core sample boring C6 (natural attenuation), see Tables 5 and 6. These reductions were calculated for TPHg of 55%, Benezene of 99.5%, Toluene of 98% and Ethylbenzene of 60%. Water sampling of the December 2004 borings showed slow drainage, indicating low hydraulic conductivity in the silty clay and the clayey conglomerate formations. Previous slug test on temporary piezometers installed downgradient of the site, in the backyard of the surrounding residences, showed groundwater velocities ranging between 4 and 385 feet per year. Previous pumping (June 30, 2010) showed RS5 produced approximately 500 gallons per day (<0.5 gpm). To further slow the migration of the contaminants of concern, organic carbon analysis showed total organic carbon in the water bearing formations to range between 340 and 5700 mg/Kg. Along with the organic carbon, natural attenuation is occurring as evident from analysis for the electron acceptors (dissolved oxygen, nitrate, sulfate and ferric iron), the January 24, 2011 soil sample results along with the presence of biological indicators (carbon dioxide, methane, aerobic hydrocarbon degrading bacteria, and reduced nutrients ortho phosphate and ammonia as nitrogen).

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

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

Consultants, Inc. A conveyance piping system has been installed and connects intercept trench wells T1, T2 and T4 to a newly constructed treatment compound. Pumping from wells T1 and RS05 was started on April 6, 2011. With the January 24, 2011 soil sample results showing reductions in contaminant levels in the area to be excavated, a new proposed excavation figure has been generated, see Figure 7.

10.0 RECOMMENDATIONS

- The latest soil sample results (GB2-17.5) showed a decrease in contaminated soil concentrations and more core sample borings might show that the previous proposed excavation may not be necessary or can be reduced in size.
- Finalize geotechnical study necessary for the proposed excavation.
- Obtain funding for the excavation work.
- Once funding has been secured, if necessary, commence with the permitting and excavation of contaminated soils associated with the 4035 Park Blvd.

11.0 TIME FRAME

May 2011	Completion of geotechnical investigation needed for permitting of excavation work.
July 2011	Once funding is established proceed with the excavation of contaminated soils as shown on Figure 7.

12.0 LIMITATIONS

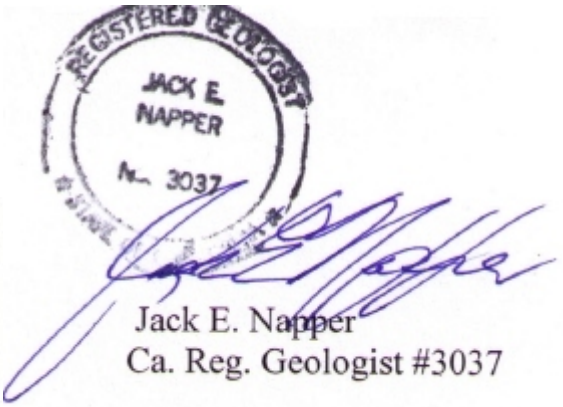
This report is based upon the following:

A. The observations of field personnel.
B. The results of laboratory analyses performed by a state certified laboratory.
C. Referenced documents.
D. Our understanding of the regulations of the State of California, Alameda County and the City of Oakland.
E. Changes in groundwater conditions can occur due to variations in rainfall, temperature, local and regional water use, and local construction practices.
F. In addition, variations in the soil and groundwater conditions could exist beyond the points explored in this investigation.

State Certified Laboratory analytical results are included in this report. This laboratory follows EPA and State of California approved procedures; however, WEGE is not responsible for errors in these laboratory results. The services performed by Western Geo-Engineers have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our

profession currently practicing under similar conditions in the State of California and the Oakland area. Our work and/or supervision of remediation and/or abatement operations, active or preliminary, at this site is in no way meant to imply that we are owners or operators of this site. Known or suspected contamination of soil and/or groundwater must be reported to the appropriate agencies in a timely manner. No other warranty, expressed or implied, is made.

Sincerely,



George Converse
Project Geologist

Jack E. Napper
Ca. Reg. Geologist #3037

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

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

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

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

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-05	09/04/96	227.61	16.50	211.11		31000	**2100**	**11000**	**1100**	**6800**	**400**	
RS-05	12/11/96	227.61	15.88	211.73		85000	**7000**	**21000**	**1800**	**8900**	**570**	
RS-05	2/21/97	227.61	13.76	213.85	sheen	100000	**5000**	**22000**	**1700**	**7300**	<0.5	*
RS-05	5/28/97	227.61	15.77	211.84		52000	**4500**	**19000**	**2100**	**10000**	<0.5	*
RS-05	9/2/1997	227.61	17.47	210.14		38000	**2200**	**9400**	**1300**	**5800**	<0.5	
RS-05	11/24/1997	227.61	18.67	208.94		45000	**4000**	**16000**	**1900**	**9700**	<0.5	*
RS-05	2/25/1998	227.61	10.53	217.08		160000	**2700**	**31000**	**5300**	**28000**	<0.5	*
RS-05	7/8/1998	227.61	13.75	213.86		45000	**2800**	**12000**	**2000**	**8500**	<10	*
RS-05	9/16/1998	227.61	15.80	211.81		49000	**1400**	**7500**	**1700**	**8600**	<5	*
RS-05	11/24/1998	227.61	16.64	210.97		89000	**5300**	**15000**	**2800**	**13000**	<10	
RS-05	2/23/1999	227.61	12.36	215.25		19000	**1900**	**11000**	**2500**	**4800**	<25	*
RS-05	5/5/1999	227.61	12.78	214.83		78000	**2000**	**10000**	**3000**	**15000**	540	*
RS-05	8/26/1999	227.61	16.06	211.55		35000	**870**	**4000**	**1900**	**8300**	<1	*
RS-05	11/10/1999	227.61	17.54	210.07		40000	**1000**	**5600**	**1800**	**8100**	<0.5	
RS-05	2/9/2000	227.61	16.31	211.3		46000	**1400**	**6900**	**2700**	**11000**	<0.5	
RS-05	6/30/2000	227.61	15.15	212.46		37000	**810**	**5200**	**2200**	**9100**	<2.5	*
RS-05	8/8/2000	227.61	16.10	211.51		14000	**330**	**500**	**1400**	**6500**	<0.5	
RS-05	11/16/2000	227.61	17.38	210.23		23000	**430**	**2300**	**1100**	**4800**	<0.5	*
RS-05	3/8/2001	227.61	27.72	199.89		11000	**360**	**260**	140	1500	2.6	****
RS-05	5/31/2001	227.61	22.96	204.65		7500	**26**	11	38	470	<5	****
RS-05	12/18/2001	227.61	15.61	212		12000	**610**	**1200**	100	1500	<5	****
RS-05	2/19/2002	227.61	14.80	212.81		22000	**460**	**1700**	**680**	4000	<5	****
RS-05	5/7/2002	227.61	31.77	195.84		700	**150**	10	19	67	5.2	****
RS-05	8/6/2002	227.61	31.77	195.84		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	11/5/2002	227.61	31.77	195.84		12000	**150**	360	21	890	<2	****
RS-05	12/12/2002	227.61	21.53	206.08								
RS-05	3/13/2003	227.61	36.70	190.91		240	**5.5**	1.9	2.3	9.6	1.4	****
RS-05	5/6/2003	227.61	14.52	213.09								
RS-05	8/13/2003	227.61	31.77	195.84		310	1.4	<0.5	1	2.9	<0.5	****
RS-05	11/20/2003	227.61	32.00	195.61		17000	**150**	**720**	240	1800	0.72	****
RS-05	1/22/2004	227.61	25.30	202.31								
RS-05	3/30/2004	227.61	21.90	205.71		4000	**370**	59	13	380	2.6	****
RS-05	6/10/2004	227.61	35.00	192.61		120	**7**	0.88	1.3	4.3	1.3	****
RS-05	9/28/2004	227.61	19.05	208.56		2600	**110**	89	75	56	<0.5	****
RS-05	12/8/2004	227.61	25.00	202.61		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-05	3/23/2005	227.61	26.05	201.56		7400	**890**	**280**	180	940	5.1	****
RS-05	6/1/2005	227.61	25.40	202.21		3500	**380**	85	59	360	3	****
RS-05	9/21/2005	227.61	19.00	208.61		790	**34**	4.7	0.86	99	<0.5	****
RS-05	12/7/2005	227.61	27.50	200.11		2200	**65**	30	24	200	1.3	****
RS-05	3/28/2006	227.61	19.60	208.01		5000	**370**	130	70	550	2.4	****
RS-05	6/21/2006	227.61	16.70	210.91		990	**42**	6.5	2.4	110	<0.5	****
RS-05	9/13/2006	227.61	31.00	196.61		240	**11**	3.2	1.2	11	0.85	****
RS-05	12/21/2006	227.61	28.00	199.61		4800	**140**	120	130	440	0.78	****
RS-05	3/12/2007	227.61	30.00	197.61		4300	**160**	130	110	600	1.5	****
RS-05	6/20/2007	227.61	30.00	197.61		160	**7.5**	3	2.2	13	0.58	****
RS-05	9/26/2007	227.61	22.80	204.81		2300	**80**	57	19	350	0.59	****
RS-05	12/18/2007	227.61	24.65	202.96		570	**15**	6.8	7.8	42	<0.5	****
RS-05	3/12/2008	227.61	20.50	207.11		4600	**330**	110	98	440	1.9	****
RS-05	6/25/2008	227.61	34.00	193.61		74	**3.7**	<0.5	0.5	2	0.7	****
RS-05	9/17/2008	227.61	23.45	204.16		280	**4.4**	1.5	0.55	18	<0.5	****
RS-05	12/17/2008	227.61	28.20	199.41		450	**2.3**	1.2	1.8	13	<0.5	****
RS-05	3/31/2009	227.61	34.00	193.61		800	**120**	14	2	54	2.7	****
RS-05	9/8/2009	227.61	22.30	205.31		1100	**6.3**	1	3.9	24	1.4	****
RS-05	3/24/2010	227.61	33.50	194.11		1700	**200**	29	10	110	2.6	****
RS-05	6/30/2010	227.61	16.03	211.58		280	**6.3**	1.1	<0.5	19	<0.5	****
RS-05	9/16/2010	227.61	17.02	210.59		8400	**110**	31	180	640	<0.5	****
RS-05	4/6/2011	227.61	12.62	214.99		4800	**100**	31	200	370	<0.9	****
RS-06	12/14/1989	227.22	22.52	204.7		11000	**1400**	**1700**	160	860		
RS-06	2/91	227.22			sheen							
RS-06	6/91	227.22				95000	**4200**	**4200**	**650**	**3700**		
RS-06	9/91	227.22			sheen							
RS-06	12/91	227.22				64000	**3700**	**2300**	**730**	**4100**		

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-06	11/9/1992	227.22	19.43	207.79		19000	**1600**	**710**	**500**	1600		
RS-06	4/7/1994	227.22	14.42	212.8		16000	**1200**	**1300**	290	1100		
RS-06	6/19/1994	227.22	14.45	212.77		23000	**1300**	**2200**	**590**	**2200**		
RS-06	9/17/1994	227.22	19.52	207.7		24000	**630**	**790**	250	1100		
RS-06	3/12/1995	227.22	8.90	218.32		3200	**450**	13	82	230		
RS-06	10/4/1995	227.22	17.78	209.44		3700	**170**	**250**	38	290		
RS-06	12/21/95	227.22	14.98	212.24		3100	**120**	30	16	150	**58**	
RS-06	03/27/96	227.22	10.00	217.22		6900	**180**	**440**	79	360	< 300	
RS-06	06/11/96	227.22	12.00	215.22		7400	**220**	**150**	30	100	<1000	
RS-06	09/04/96	227.22	15.00	212.22		1400	**68**	2.6	7.7	9.2	**14**	
RS-06	12/11/96	227.22	12.36	214.86		1800	**39**	16	10	18	< 0.5	
RS-06	2/21/97	227.22	10.00	217.22		2100	**71**	85	25	40	< 0.5	*
RS-06	5/28/97	227.22	13.56	213.66		1700	**34**	12	11	16	< 0.5	*
RS-06	9/2/1997	227.22	16.35	210.87		940	**34**	71	9	55	< 0.5	*
RS-06	11/24/1997	227.22	15.72	211.5		490	**9**	6	1	7	< 0.5	*
RS-06	2/25/1998	227.22	6.26	220.96		1400	**22**	47	5	52	< 0.5	*
RS-06	7/8/1998	227.22	11.41	215.81		1500	**83**	9	84	2	<10	*
RS-06	7/30/1998	227.22				<50	<0.5	<0.5	<0.5	<1		
RS-06	9/16/1998	227.22	13.42	213.8		990	**23**	<0.5	<0.5	<1	<1	*
RS-06	11/24/1998	227.22	15.91	211.31		3400	**5.3**	<0.5	<0.5	14	<0.5	
RS-06	2/23/1999	227.22	7.00	220.22		1000	**3.4**	3.2	1.6	7.3	<0.5	
RS-06	5/5/1999	227.22	10.29	216.93		1100	**50**	10	80	15	2	
RS-06	8/26/1999	227.22	13.72	213.5		690	**44**	2.5	30	31	<5	
RS-06	11/10/1999	227.22	13.90	213.32		1800	**2**	2	0.9	16	< 0.5	
RS-06	2/9/2000	227.22	12.77	214.45		410	**3**	3	4	7	< 0.5	
RS-06	6/30/2000	227.22	12.69	214.53		660	**7**	2	5	6	< 0.5	
RS-06	8/8/2000	227.22	14.72	212.5		660	**2**	3	2	6	< 0.5	
RS-06	11/16/2000	227.22	15.28	211.94		560	**1**	2	1	5	< 0.5	
RS-06	3/8/2001	227.22	10.10	217.12		2200	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/31/2001	227.22	12.96	214.26		630	<0.5	<0.5	<0.5	<0.5	<5	****
RS-06	12/18/2001	227.22	10.88	216.34		56	0.53	<0.5	<0.5	0.56	<0.5	****
RS-06	2/19/2002	227.22	11.08	216.14		<50	<0.5	<0.5	0.6	<0.5	<0.5	****
RS-06	5/7/2002	227.22	12.31	214.91		240	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/6/2002	227.22	14.23	212.99		130	<0.5	<0.5	<0.5	<0.5	3	****
RS-06	11/5/2002	227.22	17.99	209.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/12/2002	227.22	17.57	209.65								
RS-06	3/13/2003	227.22	11.82	215.4		120	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	5/6/2003	227.22	10.10	217.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	8/13/2003	227.22	13.88	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/20/2003	227.22	18.62	208.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	1/22/2004	227.22	11.24	215.98								
RS-06	3/30/2004	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/10/2004	227.22	13.52	213.7		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/28/2004	227.22	17.95	209.27		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/8/2004	227.22	14.80	212.42		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/23/2005	227.22	7.62	219.6		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/1/2005	227.22	10.72	216.5		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/21/2005	227.22	13.22	214		<50	**1.5**	<0.5	<0.5	<0.5	<0.5	****
RS-06	12/7/2005	227.22	14.02	213.2		74	**0.63**	<0.5	<0.5	<0.5	<0.5	****
RS-06	3/28/2006	227.22	6.03	221.19		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	6/21/2006	227.22	10.40	216.82		100	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	9/13/2006	227.22	12.82	214.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-06	11/27/2006	**well destroyed, Alameda County Public Works Permit #W2006-0973**										
RS-07	12/14/1989	195.99										
RS-07	7/90	195.99				5600000	**24000**	**210000**	**50000**	**740000**		
RS-07	2/91	195.99			shhen							
RS-07	6/91	195.99			sheen							
RS-07	9/91	195.99			sheen							
RS-07	12/91	195.99				270000	**11000**	**22000**	**2000**	**13000**		
RS-07	11/9/1992	195.99	4.62	191.37		81000	**12000**	**16000**	**1900**	**13000**		
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**		

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-07	9/17/1994	195.99	4.05	191.94		270000	**13000**	**15000**	**2100**	1100		
RS-07	3/12/1995	195.99	3.72	192.27		35000	**5100**	**560**	**6300**	**3600**		
RS-07	10/4/1995	195.99	4.03	191.96		96000	**14000**	**14000**	**1300**	**7000**		
RS-07	12/21/95	195.99	3.95	192.04		70000	**9300**	**12000**	**860**	**5600**	**210**	
RS-07	03/27/96	195.99	3.80	192.19		64000	**8900**	**14000**	**1100**	**8300**	< 3000	
RS-07	06/11/96	195.99	3.79	192.2		65000	**12000**	**17000**	**1600**	**9700**	<5000	
RS-07	09/04/96	195.99	3.99	192		20000	**4900**	**2100**	**670**	**4400**	**100**	
RS-07	12/11/96	195.99	3.78	192.21		17000	**4400**	**7500**	**570**	**4600**	**180**	
RS-07	2/21/97	195.99	3.82	192.17		93000	**31000**	**47000**	**3800**	**23000**	<0.5	*
RS-07	5/28/97	195.99	3.82	192.17		52000	**12000**	**8200**	**2000**	**11000**	<0.5	*
RS-07	9/2/1997	195.99	3.96	192.03		28000	**6100**	**2800**	**950**	**3800**	<50	
RS-07	11/24/1997	195.99	3.76	192.23		18000	**4300**	**5900**	**600**	**2900**	<0.5	*
RS-07	2/25/1998	195.99	3.70	192.29		13000	**4300**	**7100**	**1100**	**5800**	<0.5	*
RS-07	7/8/1998	195.99	3.76	192.23		45000	**10000**	**3400**	**2000**	**8000**	<10	*
RS-07	7/30/1998	195.99				72000	**12000**	**2100**	**2000**	**9100**		
RS-07	9/16/1998	195.99	3.83	192.16		5000	**6500**	**160**	<2.5	500	<5	*
RS-07	11/24/1998	195.99	3.77	192.22		19000	**2100**	**1100**	**500**	**2100**	<0.5	
RS-07	2/23/1999	195.99	3.70	192.29		83000	**6500**	**9900**	**1200**	**7000**	<10	
RS-07	5/5/1999	195.99	3.88	192.11		47000	**7400**	**4800**	**1300**	**7400**	**540**	
RS-07	8/26/1999	195.99	4.16	191.83		15000	**3400**	91	**950**	970	<5	
RS-07	11/10/1999	195.99	4.12	191.87		10000	**2900**	**170**	**630**	1200	<0.5	
RS-07	2/9/2000	195.99	3.98	192.01		9400	**1400**	120	**480**	600	<0.5	
RS-07	6/30/2000	195.99	4.04	191.95		8200	**3300**	**190**	**430**	540	<0.5	
RS-07	8/8/2000	195.99	4.06	191.93		11000	**2300**	**150**	**430**	520	<0.5	
RS-07	11/16/2000	195.99	4.04	191.95		5400	**1500**	40	240	200	<0.5	
RS-07	3/8/2001	195.99	3.94	192.05		12000	**3300**	**260**	**480**	850	**17**	****
RS-07	5/31/2001	195.99	4.01	191.98		10000	**1900**	120	**320**	620	<100	****
RS-07	12/18/2001	195.99	4.81	191.18		2700	**450**	21	86	120	2.3	****
RS-07	2/19/2002	195.99	3.91	192.08		20000	**2600**	**360**	**570**	**1900**	11	****
RS-07	5/7/2002	195.99	3.97	192.02		9200	**1400**	120	**360**	780	6.6	****
RS-07	8/6/2002	195.99	4.06	191.93		8300	**1300**	71	250	480	<10	****
RS-07	11/5/2002	195.99	4.11	191.88		9300	**1500**	90	**330**	680	<10	****
RS-07	12/12/2002	195.99	4.13	191.86								
RS-07	3/13/2003	195.99	4.02	191.97		5500	**990**	51	180	330	6.1	****
RS-07	5/6/2003	195.99	3.98	192.01		4800	**740**	36	160	310	4.7	****
RS-07	8/13/2003	195.99	4.09	191.9		9400	**1300**	65	310	620	6.1	****
RS-07	11/20/2003	195.99	4.10	191.89		4800	**700**	13	110	110	<5	****
RS-07	1/22/2004	195.99	4.12	191.87								
RS-07	3/30/2004	195.99	4.05	191.94		3800	**540**	33	140	210	3.4	****
RS-07	6/10/2004	195.99	4.12	191.87		4000	**740**	22	82	130	2.8	****
RS-07	9/28/2004	195.99	4.18	191.81		5000	**640**	20	110	130	2.8	****
RS-07	12/8/2004	195.99	3.92	192.07		3700	**290**	18	130	190	0.56	****
RS-07	3/23/2005	195.99	4.00	191.99		4600	**220**	17	100	170	2.4	****
RS-07	6/1/2005	195.99	4.11	191.88		4700	**660**	41	140	290	3.7	****
RS-07	9/21/2005	195.99	4.14	191.85		4600	**360**	18	67	130	3.6	****
RS-07	12/7/2005	195.99	4.13	191.86		3400	**160**	10	89	86	1.2	****
RS-07	3/28/2006	195.99	3.93	192.06		1400	**170**	10	30	49	1.5	****
RS-07	6/21/2006	195.99	4.11	191.88		4800	**570**	27	100	150	5.2	****
RS-07	9/13/2006	195.99	4.13	191.86		4700	**570**	15	70	73	6	****
RS-07	12/21/2006	195.99	4.08	191.91		1600	**100**	3.7	37	30	1.1	****
RS-07	3/12/2007	195.99	3.98	192.01		1500	**220**	3.7	40	35	2.6	****
RS-07	6/20/2007	195.99	4.10	191.89		3700	**530**	18	52	69	3.2	****
RS-07	9/26/2007	195.99	4.13	191.86		2300	**240**	5.1	30	22	2.9	****
RS-07	12/18/2007	195.99	3.83	192.16		1800	**66**	2.4	43	20	0.56	****
RS-07	3/12/2008	195.99	3.99	192		2300	**190**	5.4	63	39	1.9	****
RS-07	6/25/2008	195.99	4.13	191.86		3000	**320**	17	36	90	3.1	****
RS-07	9/17/2008	195.99	4.22	191.77		1400	**38**	2.2	40	12	<0.5	****
RS-07	12/17/2008	195.99	4.12	191.87		1700	**76**	3	73	21	<0.5	****
RS-07	3/31/2009	195.99	4.10	191.89		2400	**190**	3.6	96	27	2.5	****
RS-07	9/8/2009	195.99	4.18	191.81		2700	**140**	7.3	42	14	2	****
RS-07	3/24/2010	195.99	4.11	191.88		2100	**130**	5.8	66	14	1.6	****
RS-07	6/30/2010	195.99	4.08	191.91		no sample						
RS-07	9/16/2010	195.99	4.12	191.87		3500	**490**	9	56	12	3.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-07	4/6/2011	195.99	4.12	191.87		2000	**190**	3.7	46	17	2.2	****
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											
RS-08	2/23/1999											
RS-08	5/5/1999											
RS-08	8/26/1999	214.67	7.25	207.42		160000	**24000**	**35000**	**4200**	**24000**	<5	
RS-08	11/10/1999	214.67	8.69	205.98		150000	**21000**	**29000**	**3000**	**14000**	<0.5	
RS-08	2/9/2000	214.67	7.23	207.44		14000	**1900**	**3200**	270	**2300**	<0.5	
RS-08	6/30/2000	214.67	3.99	210.68		6400	**570**	**870**	150	770	<0.5	
RS-08	8/8/2000	214.67	7.52	207.15		100000	**24000**	**40000**	**2300**	**9900**	<0.5	*
RS-08	11/16/2000	214.67	6.14	208.53		110000	**14000**	**21000**	**2100**	**9600**	<20	*
RS-08	3/8/2001	214.67	9.40	205.27		10000	**740**	**840**	220	990	<2	****
RS-08	5/31/2001	214.67	6.83	207.84		730	**11**	29	4.2	31	<5	****
RS-08	12/18/2001	214.67	7.14	207.53		4500	**230**	**370**	77	750	<0.5	****
RS-08	2/19/2002	214.67	7.69	206.98		780	**33**	21	5.1	45	<0.5	****
RS-08	5/7/2002	214.67	7.82	206.85		24000	**1500**	**1800**	**830**	**2700**	<10	****
RS-08	8/6/2002	214.67	13.46	201.21	**0.04**							
RS-08	11/5/2002	214.67	13.96	200.71	**0.40**							
RS-08	12/12/2002	214.67	14.38	200.29	**0.08**							
RS-08	3/13/2003	214.67	10.99	203.68		90000	**1100**	**14000**	**2500**	**12000**	<50	****
RS-08	5/6/2003	214.67	5.35	209.32		1600	**6.7**	46	21	170	<0.5	****
RS-08	8/13/2003	214.67	11.96	202.71		100000	**1200**	**10000**	**2500**	**13000**	<50	****
RS-08	11/21/2003	214.67	12.30	202.37		100000	**1700**	**10000**	**1700**	**12000**	<25	****
RS-08	1/22/2004	214.67	9.63	205.04								
RS-08	3/30/2004	214.67	8.70	205.97		18000	**69**	**110**	**130**	**1200**	<5	****
RS-08	6/10/2004	214.67	10.65	204.02		33000	**210**	**350**	**360**	**2300**	<5	****
RS-08	9/28/2004	214.67	9.00	205.67		6000	**59**	20	100	170	<1	****
RS-08	12/8/2004	214.67	4.50	210.17		1100	<0.5	<0.5	<0.5	0.66	<0.5	****
RS-08	3/23/2005	214.67	3.65	211.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/1/2005	214.67	9.70	204.97		4700	**330**	**210**	250	330	<0.5	****
RS-08	9/21/2005	214.67			could not locate, under landscaping.							
RS-08	12/7/2005	214.67	12.76	201.91		30000	**1100**	**1500**	**810**	**2800**	<5	****
RS-08	3/28/2006	214.67	3.42	211.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-08	6/21/2006	214.67	7.03	207.64		6300	**630**	**710**	**310**	720	<0.5	****
RS-08	9/13/2006	214.67	11.13	203.54		29000	**1600**	**2800**	**1300**	**4000**	<2.5	****
RS-08	12/21/2006	214.67	10.67	204		60000	**1900**	**2000**	**1300**	**5200**	<7	****
RS-08	3/12/2007	214.67			dog in backyard, could not access well							
RS-08	6/20/2007	214.67	11.19	203.48		23000	**480**	**540**	**780**	**2600**	<2.5	****
RS-08	9/26/2007	214.67			dog in backyard, could not access well							
RS-08	12/18/2007	214.67			could not unlach side gate to enter backyard							
RS-08	3/12/2008	214.67	9.36	205.31		18000	**81**	41	51	560	<4	****
RS-08	6/25/2008	214.67	12.28	202.39		26000	**480**	**870**	**430**	**2800**	<4	****
RS-08	9/17/2008	214.67	12.13	202.54		30000	**680**	**880**	**630**	**3400**	<4	****
RS-08	12/17/2008	214.67			dogs in backyard, could not access well							
RS-08	3/31/2009	214.67			dogs in backyard, could not access well							
RS-08	9/8/2009	214.67			dogs in backyard, could not access well							
RS-08	3/24/2010	214.67	7.78	206.89		2500	**48**	3	26	130	<0.5	****
RS-08	6/30/2010	214.67			dogs in backyard, could not access well							
RS-08	9/16/2010	214.67	8.98	205.69		17000	**260**	140	240	1600	<0.5	****
RS-08	4/6/2011	214.67	3.63	211.04		570	**29**	0.58	<0.5	6.2	<0.5	****
RS-09	12/14/1989											
RS-09	09/04/96											

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-09	12/11/96											
RS-09	2/21/97											
RS-09	5/28/97											
RS-09	9/2/1997											
RS-09	11/24/1997											
RS-09	2/25/1998											
RS-09	7/8/1998											
RS-09	9/16/1998											
RS-09	11/24/1998											
RS-09	2/23/1999											
RS-09	5/5/1999											
RS-09	8/26/1999	195.63	7.46	188.17		17000	**3500**	**1200**	**360**	1600	**180**	*
RS-09	11/10/1999	195.63	7.91	187.72		2800	**520**	62	46	130	<0.5	
RS-09	2/9/2000	195.63	6.09	189.54		3400	**650**	74	64	130	<0.5	
RS-09	6/30/2000	195.63	6.77	188.86		3000	**600**	79	74	120	<0.5	
RS-09	8/8/2000	195.63	7.32	188.31		4900	**500**	**430**	160	530	<0.5	
RS-09	11/16/2000	195.63	6.33	189.3		3000	**350**	**220**	90	220	<0.5	
RS-09	3/8/2001	195.63	4.93	190.7		<50	**3.4**	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/31/2001	195.63	4.01	191.62		510	**96**	6	6.2	9.1	5.5	****
RS-09	12/18/2001	195.63	4.81	190.82		210	**11**	1.8	3.9	7.6	<0.5	****
RS-09	2/19/2002	195.63	4.99	190.64		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	5/7/2002	195.63	6.08	189.55		130	**7.9**	<0.5	1.2	<0.5	0.67	****
RS-09	8/6/2002	195.63	6.93	188.7		380	**29**	1.2	2.3	2.9	3.1	****
RS-09	11/5/2002	195.63	7.53	188.1		1800	**240**	9	27	110	8.6	****
RS-09	12/12/2002	195.63	7.23	188.4								
RS-09	3/13/2003	195.63	5.73	189.9		410	**30**	3	6	9.5	3.3	****
RS-09	5/6/2003	195.63	4.83	190.8		910	**72**	15	9.2	26	5.5	****
RS-09	8/13/2003	195.63	8.24	187.39		810	**20**	<0.5	2.4	1.6	3.6	****
RS-09	11/20/2003	195.63	6.99	188.64		3600	**920**	5.3	6.1	20	**30**	****
RS-09	1/22/2004	195.63	5.43	190.2								
RS-09	3/30/2004	195.63	5.07	190.56		1900	**360**	9.3	19	48	**21**	****
RS-09	6/10/2004	195.63	6.18	189.45		950	**180**	3	8.4	14	8.7	****
RS-09	9/28/2004	195.63	6.94	188.69		4900	**1800**	5.9	5	16	**31**	****
RS-09	12/8/2004	195.63	4.42	191.21		74	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/23/2005	195.63	4.10	191.53		540	**99**	1.1	1.1	4.5	3.6	****
RS-09	6/1/2005	195.63	5.12	190.51		3300	**170**	14	77	87	12	****
RS-09	9/21/2005	195.63	6.60	189.03		330	**1.2**	<0.5	<0.5	0.58	1.8	****
RS-09	12/7/2005	195.63	5.92	189.71		88	<0.5	<0.5	<0.5	0.58	1.2	****
RS-09	3/28/2006	195.63	3.76	191.87		360	**11**	0.72	3.6	2.5	7.1	****
RS-09	6/21/2006	195.63	5.40	190.23		860	**23**	2.9	7.2	21	7.4	****
RS-09	9/13/2006	195.63	6.45	189.18		350	**2.4**	<0.5	1.1	4.2	2.9	****
RS-09	12/21/2006	195.63	5.82	189.81		85	<0.5	<0.5	<0.5	<0.5	0.81	****
RS-09	3/12/2007	195.63	5.08	190.55		1000	**25**	12	14	40	7.5	****
RS-09	6/20/2007	195.63	6.67	188.96		1300	**130**	4.4	6	20	7.2	****
RS-09	9/26/2007	195.63	7.45	188.18		1800	**310**	2.3	5	24	6.3	****
RS-09	12/18/2007	195.63	6.05	189.58		97	**2.5**	<0.5	0.56	1.4	0.51	****
RS-09	3/12/2008	195.63	5.43	190.2		82	**1.6**	<0.5	<0.5	<0.5	<0.5	****
RS-09	6/25/2008	195.63	7.03	188.6		2500	**450**	14	20	81	2.8	****
RS-09	9/17/2008	195.63	7.81	187.82		3100	**830**	4.9	7.7	37	4.7	****
RS-09	12/17/2008	195.63	6.87	188.76		51	**1.7**	<0.5	<0.5	<0.5	<0.5	****
RS-09	3/31/2009	195.63	5.64	189.99		72	**1**	<0.5	<0.5	<0.5	<0.5	****
RS-09	9/8/2009	195.63	7.45	188.18		2800	**700**	2.9	5.4	21	2.7	****
RS-09	3/24/2010	195.63	5.26	190.37		57	**3.7**	<0.5	<0.5	0.58	<0.5	****
RS-09	6/30/2010	195.63	6.17	189.46		no samples						
RS-09	9/16/2010	195.63	7.09	188.54		1800	**410**	2.5	3.5	17	1.6	****
RS-09	4/6/2011	195.63	4.72	190.91		6400	**1900**	6.6	20	83	4.3	****
RS-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											

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
RS-10	11/24/1997											
RS-10	2/25/1998											
RS-10	7/8/1998											
RS-10	9/16/1998											
RS-10	11/24/1998											
RS-10	2/23/1999											
RS-10	5/5/1999											
RS-10	8/26/1999	208.46	3.76	204.7		5100	**160**	**340**	190	1000	**32**	*
RS-10	11/10/1999	208.46	3.83	204.63		500	**7**	2	2	4	<0.5	
RS-10	2/9/2000	208.46	0.31	208.15		100	**4**	3	1	6	<0.5	
RS-10	6/30/2000	208.46	2.22	206.24		640	**5**	2	4	2	<0.5	
RS-10	8/8/2000	208.46	2.46	206		460	**2**	2	2	7	<0.5	
RS-10	11/16/2000	208.46	2.46	206		360	**1**	1	2	<1	<0.5	
RS-10	3/8/2001	208.46	2.82	205.64		53	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/31/2001	208.46	4.93	203.53		210	<0.5	<0.5	1.5	5	<5	****
RS-10	12/18/2001	208.46	2.10	206.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	2/19/2002	208.46	2.29	206.17		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/7/2002	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/6/2002	208.46	4.11	204.35		<50	<0.5	0.7	<0.5	1.6	<0.5	****
RS-10	11/5/2002	208.46	4.05	204.41		54	<0.5	1.2	<0.5	1.1	<0.5	****
RS-10	12/12/2002	208.46	6.81	201.65								
RS-10	3/13/2003	208.46	3.00	205.46		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/6/2003	208.46	2.55	205.91		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/13/2003	208.46	3.68	204.78		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	11/20/2003	208.46	4.45	204.01		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	1/22/2004	208.46										
RS-10	3/30/2004	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/10/2004	208.46	4.85	203.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/28/2004	208.46	6.75	201.71		<50	**4.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/8/2004	208.46	1.74	206.72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/23/2005	208.46	1.85	206.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/1/2005	208.46	2.88	205.58		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/21/2005	208.46	4.35	204.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/7/2005	208.46	3.38	205.08		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/28/2006	208.46	1.75	206.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/21/2006	208.46	2.91	205.55		350	**110**	0.73	2.8	1.9	<0.5	****
RS-10	9/13/2006	208.46	4.18	204.28		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	12/21/2006	208.46	2.78	205.68		<50	0.86	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/12/2007	208.46	2.80	205.66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/20/2007	208.46	4.25	204.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/26/2007	208.46	4.38	204.08		150	<0.5	<0.5	2.8	16	<0.5	****
RS-10	12/18/2007	208.46	4.38	204.08		220	<0.5	<0.5	0.64	8.4	<0.5	****
RS-10	3/12/2008	208.46	2.97	205.49		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/25/2008	208.46	6.93	201.53		360	0.82	1.1	<0.5	1	<0.5	****
RS-10	9/17/2008	208.46	6.97	201.49		120	1.1	<0.5	0.78	<0.5	<0.5	****
RS-10	12/17/2008	208.46	3.72	204.74		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/31/2009	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	9/8/2009	208.46	7.80	200.66		77	**5.6**	<0.5	<0.5	<0.5	<0.5	****
RS-10	3/24/2010	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	6/30/2010	208.46				no access						
RS-10	9/16/2010	208.46	5.78	202.68		53	4.4	3.6	0.8	1.4	<0.5	****
RS-10	4/6/2011	208.46	2.34	206.12		no sample						****
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	*

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R1	11/24/1998	227.69	10.72	216.97		340	**19**	1.6	35	9.7	<0.5	
R1	2/23/1999	227.69	9.34	218.35		60	**16**	0.6	5.6	1.2	<0.5	
R1	5/5/1999	227.69	11.30	216.39		1300	**290**	3	150	1	**15**	
R1	8/26/1999	227.69	13.97	213.72		6500	**630**	<0.5	**1300**	<1	<1	
R1	11/10/1999	227.69	13.73	213.96		480	**12**	4	22	9	<0.5	
R1	2/9/2000	227.69	13.10	214.59		<50	**8**	<0.5	1	<1	<0.5	
R1	6/30/2000	227.69	13.42	214.27		2600	**350**	35	**1900**	220	<0.5	
R1	8/8/2000	227.69	14.25	213.44		10000	**910**	76	**2100**	390	<0.5	
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
R1	3/8/2001	227.69	13.72	213.97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/31/2001	227.69	15.77	211.92		3800	**400**	16	**470**	67	<5	****
R1	12/18/2001	227.69	9.90	217.79		<50	<0.5	<0.5	1.5	<0.5	<0.5	****
R1	2/19/2002	227.69	10.86	216.83		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/7/2002	227.69	16.17	211.52		53	**3.3**	<0.5	1	<0.5	<0.5	****
R1	8/6/2002	227.69	16.83	210.86		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	11/5/2002	227.69	16.92	210.77	dry, groundwater deeper than 210.77 foot elevation							
R1	12/12/2002	227.69	16.94	210.75								
R1	3/13/2003	227.69	15.69	212		<50	**4.5**	<0.5	<0.5	<0.5	<0.5	****
R1	5/6/2003	227.69	10.75	216.94		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	8/13/2003	227.69	16.04	211.65		430	**17**	<0.5	1.4	1.1	<0.5	****
R1	11/20/2003	227.69	dry									
R1	1/22/2004	227.69	14.40	213.29								
R1	3/30/2004	227.69	14.05	213.64		<50	**2.8**	<0.5	<0.5	<0.5	<0.5	****
R1	6/10/2004	227.69	15.85	211.84		3200	**85**	2.6	38	8.3	<0.5	****
R1	9/28/2004	227.69	15.06	212.63		2000	**35**	2.2	12	4.4	<0.5	****
R1	12/8/2004	227.69	9.70	217.99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/23/2005	227.69	8.58	219.11		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/1/2005	227.69	13.30	214.39		330	**12**	<0.5	1.6	1.4	<0.5	****
R1	9/21/2005	227.69	14.92	212.77		3400	**20**	1.3	13	4.4	<0.5	****
R1	12/7/2005	227.69	15.50	212.19		1100	**4.2**	0.65	1.5	0.94	<0.5	****
R1	3/28/2006	227.69	8.82	218.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/21/2006	227.69	11.35	216.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/13/2006	227.69	13.55	214.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/21/2006	227.69	14.35	213.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2007	227.69	11.76	215.93		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/20/2007	227.69	13.48	214.21		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/26/2007	227.69	15.08	212.61		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	12/18/2007	227.69	15.25	212.44		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/12/2008	227.69	12.62	215.07		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/25/2008	227.69	15.92	211.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	12/17/2008	227.69			no sample water in shoe of casing, not representative							
R1	3/31/2009	227.69	12.85	214.84		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	9/8/2009	227.69	15.60	212.09		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	3/24/2010	227.69	12.40	215.29		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	6/30/2010	227.69	14.03	213.66		no samples						
R1	9/16/2010	227.69	14.56	213.13		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	4/6/2011	227.69	9.90	217.79		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
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	*

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)			ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R2	11/10/1999	227.28	14.42	212.86		5100	**2600**	**160**	**1800**	**8100**	<0.5	*
R2	2/9/2000	227.28	12.45	214.83		4700	**1400**	110	130	340	<0.5	
R2	6/30/2000	227.28	12.94	214.34		7100	**3200**	110	**300**	480	<0.5	
R2	8/8/2000	227.28	13.58	213.7		30000	**13000**	**250**	**1000**	**2700**	<0.5	
R2	11/16/2000	227.28	14.33	212.95		44000	**17000**	**230**	**790**	**3600**	<0.5	
R2	3/8/2001	227.28	11.15	216.13		2300	**640**	8.6	61	170	<2	****
R2	5/31/2001	227.28	13.38	213.9		2200	**580**	12	72	100	<25	****
R2	12/18/2001	227.28	12.35	214.93		4900	**2000**	120	44	280	<5	****
R2	2/19/2002	227.28	11.32	215.96		2100	**1200**	<5	14	<5	<5	****
R2	5/7/2002	227.28	13.15	214.13		2500	**660**	7.5	170	26	<2.5	****
R2	8/6/2002	227.28	14.51	212.77		6300	**1800**	**150**	220	340	<5	****
R2	11/5/2002	227.28	15.46	211.82		11000	**3000**	140	57	620	<20	****
R2	12/12/2002	227.28	15.70	211.58								
R2	3/13/2003	227.28	12.96	214.32		580	**200**	1.2	5.4	3.8	<1	****
R2	5/6/2003	227.28	11.14	216.14		70	**25**	<0.5	<0.5	1.3	<0.5	****
R2	8/13/2003	227.28	14.01	213.27		1800	**340**	8	49	12	<2	****
R2	11/20/2003	227.28	15.35	211.93		8000	**1400**	46	57	490	<5	****
R2	1/22/2004	227.28	12.10	215.18								
R2	3/30/2004	227.28	11.48	215.8		<50	**3**	<0.5	<0.5	<0.5	<0.5	****
R2	6/10/2004	227.28	13.95	213.33		77	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/28/2004	227.28	14.80	212.48		500	**120**	2	25	2.7	0.71	****
R2	12/8/2004	227.28	12.25	215.03		100	**8.5**	<0.5	<0.5	5	<0.5	****
R2	3/23/2005	227.28	7.82	219.46		57	**8.4**	<0.5	<0.5	<0.5	<0.5	****
R2	6/1/2005	227.28	12.14	215.14		85	**5.2**	<0.5	<0.5	<0.5	<0.5	****
R2	9/21/2005	227.28	13.97	213.31		900	**120**	1.3	2.5	4.8	<0.5	****
R2	12/7/2005	227.28	14.51	212.77		150	**8.4**	<0.5	<0.5	0.5	<0.5	****
R2	3/28/2006	227.28	7.30	219.98		<50	**7.7**	<0.5	<0.5	<0.5	<0.5	****
R2	6/21/2006	227.28	11.90	215.38		68	**4.7**	<0.5	<0.5	<0.5	<0.5	****
R2	9/13/2006	227.28	13.66	213.62		54	0.52	<0.5	<0.5	<0.5	<0.5	****
R2	12/21/2006	227.28	14.43	212.85		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/12/2007	227.28	12.37	214.91		210	**63**	<0.5	1.8	<0.5	<0.5	****
R2	6/20/2007	227.28	14.08	213.2		1300	**250**	3.6	2.7	4.1	<0.5	****
R2	9/26/2007	227.28	15.41	211.87		230	**28**	<0.5	<0.5	2.5	<0.5	****
R2	12/18/2007	227.28	15.87	211.41		98	<0.5	<0.5	<0.5	2.5	<0.5	****
R2	3/12/2008	227.28	11.45	215.83		<50	0.59	<0.5	<0.5	<0.5	<0.5	****
R2	6/25/2008	227.28	14.98	212.3		79	**11**	<0.5	<0.5	<0.5	<0.5	****
R2	9/17/2008	227.28	16.03	211.25		87	**1.8**	<0.5	5.6	0.92	<0.5	****
R2	12/17/2008	227.28			no sample water in shoe of casing, not representative							
R2	3/31/2009	227.28	11.42	215.86		<50	**5.5**	<0.5	<0.5	<0.5	<0.5	****
R2	9/8/2009	227.28	15.50	211.78		56	<0.5	<0.5	<0.5	<0.5	<0.5	****
R2	3/24/2010	227.28	11.10	216.18		140	**16**	<0.5	<0.5	<0.5	<0.5	****
R2	6/30/2010	227.28	13.30	213.98		no samples						
R2	9/16/2010	227.28	14.28	213		54	0.68	<0.5	<0.5	<0.5	<0.5	****
R2	4/6/2011	227.28	9.15	218.13		170	**16**	<0.5	<0.5	<0.5	<0.5	****
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	

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
R3	11/16/2000	227.25	10.26	216.99		110	**4**	1	<0.5	3	<0.5	
R3	3/8/2001	227.25	6.54	220.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/31/2001	227.25	10.01	217.24		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/18/2001	227.25	6.79	220.46		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	2/19/2002	227.25	7.86	219.39		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/7/2002	227.25	9.20	218.05		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/6/2002	227.25	10.62	216.63		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	11/5/2002	227.25	11.07	216.18		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/12/2002	227.25	11.28	215.97								
R3	3/13/2003	227.25	8.69	218.56		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/2003	227.25	8.02	219.23		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/2003	227.25	dry		DRY							
R3	11/20/2003	227.25	dry		DRY							
R3	1/22/2004	227.25	7.30	219.95								
R3	3/30/2004	227.25	7.85	219.4		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/10/2004	227.25	10.30	216.95		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/28/2004	227.25	dry		DRY							
R3	12/8/2004	227.25	9.00	218.25		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/23/2005	227.25	4.90	222.35		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/1/2005	227.25	8.60	218.65		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/21/2005	227.25	10.80	216.45		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/7/2005	227.25	11.12	216.13	no sample water in shoe of casing, not representative							
R3	3/28/2006	227.25	3.72	223.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/21/2006	227.25	8.82	218.43		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/13/2006	227.25	10.52	216.73		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/21/2006	227.25	9.97	217.28		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/12/2007	227.25	7.45	219.8		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/20/2007	227.25	10.43	216.82		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/26/2007	227.25			no sample water in shoe of casing, not representative							
R3	12/18/2007	227.25			no sample water in shoe of casing, not representative							
R3	3/12/2008	227.25	7.93	219.32		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/25/2008	227.25	10.87	216.38		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	12/17/2008	227.25			no sample water in shoe of casing, not representative							
R3	3/31/2009	227.25	7.27	219.98		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	9/8/2009	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	3/24/2010	227.25	7.22	220.03		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	6/30/2010	227.25	9.95	217.3		no samples						
R3	9/16/2010	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	4/6/2011	227.25	5.50	221.75		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
T 1	12/14/1989											
T 1	09/04/96											
T 1	12/11/96											
T 1	2/21/97											
T 1	5/28/97											
T 1	9/2/1997											
T 1	11/24/1997											
T 1	2/25/1998											
T 1	7/8/1998											
T 1	9/16/1998											
T 1	11/24/1998											
T 1	2/23/1999											
T 1	5/5/1999											
T 1	8/26/1999	195.11	2.44	192.67		40000	**7200**	**5000**	**950**	**8100**	**53**	*
T 1	11/10/1999	195.11	2.23	192.88		46000	**5600**	**3600**	**910**	**6500**	<0.5	
T 1	2/9/2000	195.11	2.22	192.89		35000	**2900**	**5700**	**720**	**6600**	<0.5	
T 1	6/30/2000	195.11	2.22	192.89		30000	**3400**	**3200**	**950**	**4600**	<5	
T 1	8/8/2000	195.11	2.73	192.38		8900	**1600**	**760**	260	870	<5	
T 1	11/16/2000	195.11	2.72	192.39		4000	**1300**	92	80	290	<0.5	
T 1	3/8/2001	195.11	2.12	192.99		25000	**4400**	**3400**	**770**	**3200**	**26**	****
T 1	5/31/2001	195.11	2.30	192.81		8900	**940**	**210**	**340**	1500	<50	****
T 1	12/18/2001	195.11	2.20	192.91		48000	**3700**	**5500**	**1200**	**5300**	**24**	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
T 1	2/19/2002	195.11	1.96	193.15		64000	**8600**	**6000**	**1700**	**6800**	**55**	****
T 1	5/7/2002	195.11	2.22	192.89		41000	**9200**	**910**	**2000**	**6200**	**62**	****
T 1	8/6/2002	195.11	2.32	192.79		28000	**5500**	**240**	**1300**	**2600**	**32**	****
T 1	11/5/2002	195.11	2.52	192.59		11000	**3000**	65	**660**	610	**18**	****
T 1	12/12/2002	195.11	2.55	192.56								
T 1	3/13/2003	195.11	2.23	192.88		930	**150**	17	23	60	2.6	****
T 1	5/6/2003	195.11	2.37	192.74		6800	**1000**	**230**	**310**	820	10	****
T 1	8/13/2003	195.11	2.41	192.7		9600	**1500**	110	**440**	910	10	****
T 1	11/20/2003	195.11	2.50	192.61		10000	**1800**	120	**520**	510	11	****
T 1	1/22/2004	195.11										
T 1	3/30/2004	195.11				15000	**1800**	**660**	**610**	**2000**	8.6	****
T 1	6/10/2004	195.11	2.40	192.71		5500	**570**	2	240	130	2.7	****
T 1	9/28/2004	195.11	2.52	192.59		8700	**2600**	100	**450**	15	**15**	****
T 1	12/8/2004	195.11	1.96	193.15		2900	**820**	32	14	47	6.9	****
T 1	3/23/2005	195.11	car			2800	**220**	3	120	76	1.7	****
T 1	6/1/2005	195.11	2.25	192.86		46000	**14000**	**650**	**1900**	**2900**	**54**	****
T 1	9/21/2005	195.11	2.42	192.69		17000	**4500**	**81**	**620**	**200**	**28**	****
T 1	12/7/2005	195.11	2.26	192.85		18000	**4000**	**480**	**780**	**1100**	**25**	****
T 1	3/28/2006	195.11	car			27000	**4400**	**1600**	**890**	**2700**	**20**	****
T 1	6/21/2006	195.11	2.48	192.63		14000	**5200**	**310**	**270**	**680**	**19**	****
T 1	9/13/2006	195.11	2.43	192.68		12000	**5100**	88	230	320	**22**	****
T 1	12/21/2006	195.11	2.28	192.83		18000	**4600**	**620**	**850**	**2000**	**21**	****
T 1	3/12/2007	195.11	2.24	192.87		19000	**4700**	**750**	**870**	**2300**	**16**	****
T 1	6/20/2007	195.11	2.47	192.64		12000	**4300**	130	170	250	**18**	****
T 1	9/26/2007	195.11	2.52	192.59		10000	**4200**	63	45	68	**14**	****
T 1	12/18/2007	195.11	1.75	193.36		12000	**3000**	**450**	**360**	480	**15**	****
T 1	3/12/2008	195.11	2.23	192.88		22000	**6600**	**1200**	**960**	**2300**	**25**	****
T 1	6/25/2008	195.11	2.55	192.56		13000	**5200**	**160**	**300**	280	**18**	****
T 1	9/17/2008	195.11	3.12	191.99		8600	**3400**	**47**	**29**	81	**9.4**	****
T 1	12/17/2008	195.11	2.32	192.79		5600	**1500**	**130**	**140**	310	**4.9**	****
T 1	3/31/2009	195.11	2.32	192.79		24000	**5800**	**830**	**1300**	**3700**	**16**	****
T 1	9/8/2009	195.11	2.90	192.21		7900	**2700**	**57**	**50**	**180**	**7.8**	****
T 1	3/24/2010	195.11	2.25	192.86		22000	**5800**	**640**	**1200**	**2500**	**18**	****
T 1	6/30/2010	195.11				no access, parked cars						
T 1	9/16/2010	195.11	2.34	192.77		13000	**5100**	**58**	**110**	**110**	**<15**	****
T 1	4/6/2011	195.11	2.00	193.11		41000	**12000**	**3000**	**1200**	**3300**	**30**	****
T 2	1/22/2004	195.3	2.54	192.76		see T1 for sample results						
T 2	3/30/2004	195.3	2.50	192.8		see T1 for sample results						
T 2	6/10/2004	195.3	2.60	192.7		see T1 for sample results						
T 2	9/28/2004	195.3	car			see T1 for sample results						
T 2	12/8/2004	195.3	2.04	193.26		see T1 for sample results						
T 2	3/23/2005	195.3	car			see T1 for sample results						
T 2	6/1/2005	195.3	car			see T1 for sample results						
T 2	9/21/2005	195.3	car			see T1 for sample results						
T 2	12/7/2005	195.3	car			see T1 for sample results						
T 2	3/28/2006	195.3	2.00	193.3		see T1 for sample results						
T 2	6/21/2006	195.3	car			see T1 for sample results						
T 2	9/13/2006	195.3	car			see T1 for sample results						
T 2	12/21/2006	195.3	car			see T1 for sample results						
T 2	3/12/2007	195.3	car			see T1 for sample results						
T 2	6/20/2007	195.3	car			see T1 for sample results						
T 2	9/26/2007	195.3	car			see T1 for sample results						
T 2	12/18/2007	195.3	car			see T1 for sample results						
T 2	3/12/2008	195.3	car			see T1 for sample results						
T 2	6/25/2008	195.3	car			see T1 for sample results						
T 2	9/17/2008	195.3	car			see T1 for sample results						
T 2	12/17/2008	195.3	car			see T1 for sample results						
T 2	3/31/2009	195.3	car			see T1 for sample results						
T 2	9/8/2009	195.3	car			see T1 for sample results						
T 2	3/24/2010	195.3	car			see T1 for sample results						
T 2	6/30/2010	195.3	car									
T 2	9/16/2010	195.3	car			see T1 for sample results						

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	(UG/L) **(1.5)**	(UG/L) **(150)**	(UG/L) **(300)**	(UG/L) **(1800)**	(UG/L) **(13)**	
T 3	1/22/2004	202.38				see T1 for sample results						
T 3	6/10/2004	202.38	9.80	192.58		see T1 for sample results						
T 3	9/28/2004	202.38	9.90	192.48		see T1 for sample results						
T 3	12/8/2004	202.38	9.24	193.14		see T1 for sample results						
T 3	3/23/2005	202.38	car			see T1 for sample results						
T 3	6/1/2005	202.38	car			see T1 for sample results						
T 3	9/21/2005	202.38	car			see T1 for sample results						
T 3	12/7/2005	202.38	car			see T1 for sample results						
T 3	3/28/2006	202.38	car			see T1 for sample results						
T 3	6/21/2006	202.38	car			see T1 for sample results						
T 3	9/13/2006	202.38	car			see T1 for sample results						
T 3	12/21/2006	202.38	car			see T1 for sample results						
T 3	3/12/2007	202.38	car			see T1 for sample results						
T 3	6/20/2007	202.38	car			see T1 for sample results						
T 3	9/26/2007	202.38	car			see T1 for sample results						
T 3	12/18/2007	202.38	car			see T1 for sample results						
T 3	3/12/2008	202.38	car			see T1 for sample results						
T 3	6/25/2008	202.38	car			see T1 for sample results						
T 3	9/17/2008	202.38	car			see T1 for sample results						
T 3	12/17/2008	202.38	car			see T1 for sample results						
T 3	3/31/2009	202.38	car			see T1 for sample results						
T 3	9/8/2009	202.38	car			see T1 for sample results						
T 3	3/24/2010	202.38	car			see T1 for sample results						
T 3	6/30/2010	202.38	car									
T 3	9/16/2010	202.38	car			see T1 for sample results						
T4	1/22/2004	197.48	4.70	192.78		see T1 for sample results						
T4	3/30/2004	197.48	4.66	192.82		see T1 for sample results						
T4	6/10/2004	197.48	4.76	192.72		see T1 for sample results						
T4	9/28/2004	197.48	4.86	192.62		see T1 for sample results						
T4	12/8/2004	197.48	4.21	193.27		see T1 for sample results						
T4	3/23/2005	197.48	4.35	193.13		see T1 for sample results						
T4	6/1/2005	197.48	car			see T1 for sample results						
T4	9/21/2005	197.48	car			see T1 for sample results						
T4	12/7/2005	197.48	car			see T1 for sample results						
T4	3/28/2006	197.48	car			see T1 for sample results						
T4	6/21/2006	197.48	car			see T1 for sample results						
T4	9/13/2006	197.48	car			see T1 for sample results						
T4	12/21/2006	197.48	car			see T1 for sample results						
T4	3/12/2007	197.48	car			see T1 for sample results						
T4	6/20/2007	197.48	car			see T1 for sample results						
T4	9/26/2007	197.48	car			see T1 for sample results						
T4	12/18/2007	197.48	car			see T1 for sample results						
T4	3/12/2008	197.48	car			see T1 for sample results						
T4	6/25/2008	197.48	car			see T1 for sample results						
T4	9/17/2008	197.48	car			see T1 for sample results						
T4	12/17/2008	197.48	car			see T1 for sample results						
T4	3/31/2009	197.48	car			see T1 for sample results						
T4	9/8/2009	197.48	car			see T1 for sample results						
T4	3/24/2010	197.48	car			see T1 for sample results						
T4	6/30/2010	197.48	car									
T4	9/16/2010	197.48	car			see T1 for sample results						
LF 1	1/22/2004	226.59	29.12	197.47								
LF 1	3/30/2004	226.59	26.45	200.14		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/10/2004	226.59	27.57	199.02		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/28/2004	226.59	28.72	197.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/8/2004	226.59	car									
LF 1	3/23/2005	226.59	car									
LF 1	6/1/2005	226.59	car									
LF 1	9/21/2005	226.59	car									
LF 1	12/7/2005	226.59	26.67	199.92		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
					ft	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.5)**	**(150)**	**(300)**	**(1800)**	**(13)**	
LF 1	3/28/2006	226.59	25.25	201.34		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/21/2006	226.59	23.05	203.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/13/2006	226.59	29.23	197.36		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/21/2006	226.59	32.12	194.47		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	3/12/2007	226.59	31.47	195.12		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/20/2007	226.59	32.72	193.87		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	9/26/2007	226.59	31.82	194.77		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	12/18/2007	226.59			car							
LF 1	3/12/2008	226.59	32.06	194.53		<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
LF 1	6/25/2008	226.59			well is no longer there							

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

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

DATE PURGED	METER READING IN GALLONS RS5	METER READING IN GALLONS TRENCH	METER READING IN GALLONS DISCHARGE	DEPTH TO TOP OF WATER IN FEET T1	GALLONS PURGED T1 and/or 1/4ly samples and/or rain	ACCUMULATED GALLONS REMOVED FROM TRENCH &WELLS in GALLONS	Accumulated gallons removed from RS5 Gallons	TOTAL GALLONS DISCHARGED TO SEWER	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									
3/24/2010	2768886.5	2768941.5			55	93553	1581542.9	1675095.7	1700	200	29	10	110	2.6	RS-5
4/1/2010	2774798.5	2774798.5			0	93553	1587399.9	1680952.7							
4/10/2010	2781930.5	2781930.5			0	93553	1594531.9	1688084.7							
4/18/2010	2787977.5	2787977.5			0	93553	1600578.9	1694131.7							
4/21/2010	2789784.5	2789784.5			0	93553	1602385.9	1695938.7							
4/28/2010	2793756.5	2793756.5			0	93553	1606357.9	1699910.7							
5/10/2010	2796994.5	2796994.5			0	93553	1609595.9	1703148.7	pull pump, very clogged, needs shop cleaning.						
6/10/2010	2796996.5	2796996.5			0	93553	1609597.9	1703150.7	reinstall pump after cleaning.						
6/18/2010	2804029.3	2804029.3			0	93553	1616630.7	1710183.5							
6/23/2010	2808403.5	2808403.5			0	93553	1621004.9	1714557.7	pin hole leak in carbon, turn system off.						
6/30/2010	2808417.9	2808417.9			0	93553	1621019.3	1714572.1	280	6.3	1.1	<0.5	19	<0.5	RS-5
6/30/2010	turn system on to obtain samples, then turn system off, remove pump and pump controller.							suspend sewer discharge							
9/16/2010	2808417.9	2808448.5			31	93583	1621019.3	1714602.7	dishcarged purged monitor well water through carbon to sewer						
	METER #	METER #	METER #												
	52122813.0	52122836.0	82793286.0												
4/6/2011	1.0	1.0	602719.3	2	64	93583	1621019.3	1714667.0	RESTART DISCHARGE AND SAMPLE EFFLEUNT						
4/10/2011	6146.2	7063.8	615841.3			100646	1627164.5	1727810.7	TURN SYSTEM OFF TO CHECK LEAKS						
4/13/2011	6171.5	7135.0	615945.0		7	100717	1627189.8	1727914.4	RESTART PUMPING AND DISCHARGE						

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

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

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

TABLE 3
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
SOIL BORINGS/MONITOR WELLS INSTALLATIONS BY RSI											
RS-1	RSI	12/11/1989	5	**16**	na	na	na	na			
RS-1	RSI	12/11/1989	10	**33**	na	na	na	na			
RS-1	RSI	12/11/1989	15	<1	na	na	na	na			
RS-1	RSI	12/11/1989	20	<1	<0.003	**0.008**	<0.003	<0.003			
RS-1	RSI	12/11/1989	25	**10**	**0.056**	**0.12**	**0.041**	**0.13**			
RS-1	RSI	12/11/1989	30	<1	<0.003	**0.012**	<0.003	<0.003			
RS-2	RSI	12/11/1989	5	<1	na	na	na	na			
RS-2	RSI	12/11/1989	10	11	na	na	na	na			
RS-2	RSI	12/11/1989	15	<1	na	na	na	na			
RS-2	RSI	12/11/1989	20	<1	<0.003	**0.017**	<0.003	<0.003			
RS-3	RSI	12/11/1989	5	<1	<0.003	**0.043**	<0.003	**0.008**			
RS-3	RSI	12/11/1989	10	<1	<0.003	**0.02**	<0.003	<0.003			
RS-4	RSI	12/12/1989	5	**50**	**0.78**	**3.4**	**0.74**	**4.1**			
RS-4	RSI	12/12/1989	10	**8**	**0.25**	**0.94**	**0.17**	**0.92**			
RS-5	RSI	12/12/1989	5	<1	na	na	na	na			
RS-5	RSI	12/12/1989	10	<1	na	na	na	na			
RS-5	RSI	12/12/1989	15	<1	na	na	na	na			
RS-5	RSI	12/12/1989	20	**530**	**1.5**	**8.4**	**3.9**	**22**			
RS-5	RSI	12/12/1989	25	**4**	**0.7**	**0.42**	**0.58**	**0.26**			

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SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RS-5	RSI	12/12/1989	30	**1600**	na	na	na	na			
RS-5	RSI	12/12/1989	35	<1	na	na	na	na			
RS-5	RSI	12/12/1989	40	**1**	**0.036**	**0.069**	**0.009**	**0.043**			
RS-6	RSI	12/13/1989	5	<1	na	na	na	na			
RS-6	RSI	12/13/1989	10	<1	na	na	na	na			
RS-6	RSI	12/13/1989	15	<1	na	na	na	na			
RS-6	RSI	12/13/1989	20	<1	**0.017**	**0.007**	<0.003	**0.015**			
RS-6	RSI	12/13/1989	25	<1	**0.009**	**0.011**	<0.003	<0.003			
RS-6	RSI	12/13/1989	30	<1	na	na	na	na			
RS-6	RSI	12/13/1989	35	<1	**0.005**	**0.007**	<0.003	**0.006**			
RS-7(SB-1)	RSI	12/14/1989	STOCKPIL	**130**	**0.46**	**3.6**	**1**	**7.6**			
RS-7(SB-2)	RSI	12/14/1989	STOCKPIL	**370**	**1.1**	**13**	**4.4**	**29**			
			SOIL BORINGS ALONG SEWER LATERAL								
DPO-SS1	WWC	7/24/1990	3.5	<1	<0.005	<0.005	<0.005	<0.005			
DPO-SS1	WWC	7/24/1990	5	<1	**0.005**	<0.005	<0.005	**0.011**			
DPO-SB1	WWC	8/21/1990	5	**390**	**2.5**	**17**	**9.4**	**47**			
DPO-SB2	WWC	8/21/1990	5	**41**	**0.31**	**1.4**	**0.92**	**4.4**			
DPO-SB2	WWC	8/21/1990	10	**230**	**3.5**	**21**	**5**	**43**			
DPO-SB2	WWC	8/21/1990	15	<1	**0.052**	**0.13**	**0.019**	**0.099**			

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DPO-SB2	WWC	8/21/1990	20	<1	**0.03**	**0.033**	**0.0076**	**0.03**			
DPO-SB3	WWC	9/19/1990	15	<1	<0.005	<0.005	<0.005	**0.0073**			
SOIL BORINGS AT 4003 AND 4006 BRIGHTON AVENUE											
SB-A	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-A	LF	9/8/1993	15	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	12.5	**400**	**1.7**	**17**	**8.2**	**44**			
LF-1	LF	9/9/1993	6	<0.2	<0.005	<0.005	<0.005	<0.005			
LF-1	LF	9/9/1993	15.5	<0.2	<0.005	<0.005	<0.005	<0.005			
UST AND PIPING REMOVAL DOCUMENTATION SAMPLING											
REGULAR LEADED STEEL UST											
T1A	WEGE	6/23/1994	14	**2**	**0.022**	**0.075**	**0.03**	**0.16**			
T1B	WEGE	6/23/1994	14	<1	**0.027**	**0.028**	**0.006**	**0.026**			
UNLEADED STEEL UST											
T2A	WEGE	6/23/1994	14	<1	**0.022**	**0.027**	**0.005**	**0.022**			
T2B	WEGE	6/23/1994	14	<1	**0.017**	**0.025**	**0.005**	**0.02**			

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UNLEADED FIBERGLASS UST											
T3A	WEGE	6/23/1994	14	<1	**0.013**	**0.012**	<0.005	<0.015			
T3B	WEGE	6/23/1994	14	<1	**0.013**	**0.011**	<0.005	<0.015			
WASTE OIL UST											
WO-1	WEGE	6/23/1994	7.5	**3**	**0.063**	**0.34**	**0.048**	**0.23**			
PRODUCT DISPENSING SYSTEM											
PL-1	WEGE	6/23/1994	2.5	<1	**0.01**	<0.005	<0.005	**0.02**			
PL-2	WEGE	6/23/1994	2.5	<1	**0.01**	**0.031**	**0.0059**	**0.032**			
OVER-EXCAVATION OF USTs AND PRODUCT DISPENSING AREAS											
SIDEWALLS OF UST EXCAVATION AND SOUTH OF BUILDING											
SWA -13	WEGE	8/8/1995	13	**3**	**0.005**	**0.009**	**0.046**	**0.36**			
SWB-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
SWC-13	WEGE	8/8/1995	13	**3**	<0.005	<0.005	<0.005	**0.022**			
SWD-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
SWE-11.5	WEGE	8/8/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
F-14	WEGE	8/8/1995	14	**3**	**0.12**	**0.24**	**0.053**	**0.29**			
G-17	WEGE	8/8/1995	17	**6**	**0.16**	**0.31**	**0.11**	**0.68**			
H-SW-BOT-16	WEGE	8/10/1995	16	**1000**	**3.6**	**31**	**14**	**77**			
I-SW BUILD 8	WEGE	8/10/1995	8	**2000**	**4.5**	**35**	**18**	**130**			
J-BOT WEST	WEGE	8/11/1995	13	<1	<0.005	<0.005	<0.005	<0.005			

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K-SW WEST 8	WEGE	8/11/1995	8	<1	<0.005	<0.005	<0.005	**0.005**			
SIDEWALLS AND BASE OF EXCAVATION SOUTH OF PUMP ISLANDS AND DISPENSER AREAS											
PI-1	WEGE	8/14/1995	12	<1	<0.005	<0.005	<0.005	<0.005			
PI-2	WEGE	8/14/1995	7	<1	**0.011**	<0.005	**0.005**	**0.03**			
PI-3	WEGE	8/14/1995	8	<1	<0.005	<0.005	<0.005	<0.005			
PI-4	WEGE	8/14/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
HYDRAULIC HOIST AREAS											
SLP-7	WEGE	8/16/1995	7	na							
SLP-14.5	WEGE	8/16/1995	14.5	**1200**	**8.8**	**25**	**18**	**92**			
NPL-7	WEGE	8/16/1995	7	na							
WASTE OIL UST											
T1-17	WEGE	8/31/1995	17	**940**	**2.1**	**3.3**	**7.9**	**33**			
EXPLORATORY PIT WEST OF BUILDING											
T2-11.5	WEGE	8/31/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
T2-17.5	WEGE	8/31/1995	17.5	**4**	**0.05**	**0.07**	**0.062**	**0.31**			
BORING FOR MONITOR WELL MW1, REPLACED RS-1 WHICH WAS OVER-EXCAVATED.											
MW1-5	WEGE	9/5/1995	5	<1	**0.005**	**0.005**	<0.005	**0.015**			
MW1-10	WEGE	9/5/1995	10	<1	<0.005	<0.005	<0.005	<0.005			
MW1-15	WEGE	9/5/1995	15	<1	<0.005	<0.005	<0.005	<0.005			
MW1-20	WEGE	9/5/1995	20	<1	<0.005	<0.005	<0.005	<0.005			

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			SEWER LATERAL INVESTIGATION								
BH1-5	WEGE	5/1/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH1-10	WEGE	5/1/1996	10	**31**	<0.005	**0.16**	**0.22**	**0.71**		390	
BH2-5.5	WEGE	5/2/1996	5.5	<0.2	<0.005	<0.005	<0.005	<0.005		2400	
BH3-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-10.5	WEGE	5/2/1996	10.5	<0.2	**0.09**	<0.005	<0.005	**0.021**		340	
BH4-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH4-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005		460	
BH5-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH5-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005		5700	
AUGER 1	WEGE	1/17/1997	0.9	**0.5**	<0.005	**0.017**	<0.005	<0.01	**0.14**		
AUGER 2	WEGE	1/17/1997	7	**0.68**	**0.024**	**0.032**	**0.009**	**0.024**	**0.07**		
AUGER 3	WEGE	1/17/1997	4.5	<0.5	<0.005	0.017	<0.005	<0.01	**0.085**		
			ADDITIONAL MONITOR WELLS ALONG SEWER LATERAL								
RS8-10	WEGE	8/2/1999	10	**160**	**0.49**	**0.79**	**2.6**	**6.2**	<0.005		

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RS9-6	WEGE	8/3/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
RS9-10	WEGE	8/3/1999	10	**67**	**0.41**	**2**	**0.87**	**4.9**	<0.005		
RS10-6	WEGE	8/5/1999	6	<0.5	0.005	<0.005	<0.005	<0.01	<0.005		
RS10-9.5	WEGE	8/5/1999	9.5	**870**	**11**	**62**	**21**	**120**	<0.005		

RECEPTOR TRENCH DOCUMENTATION SAMPLES

TRENCH-A-15	WEGE	8/4/1999	15	<0.5	**0.072**	**0.011**	**0.008**	**0.015**	<0.005		
TRENCH-B-10	WEGE	8/4/1999	10	**140**	**2**	**4**	**2.4**	**10**	<0.005		
TRENCH-C-14	WEGE	8/4/1999	14	<0.5	**0.009**	**0.017**	**0.005**	**0.031**	<0.005		
TRENCH-D-10.5	WEGE	8/5/1999	10.5	<0.5	<0.005	**0.006**	<0.005	**0.017**	<0.005		
TRENCH-E-5	WEGE	8/5/1999	5	**4000**	**17**	**260**	**110**	**580**	<0.005		
TRENCH-F-10.5	WEGE	8/5/1999	10.5	<0.5	**0.064**	**0.015**	**0.01**	**0.046**	<0.005		
TRENCH-G-7	WEGE	8/6/1999	7	**1100**	**1.4**	**70**	**34**	**180**	**4.5**		
TRENCH-H-10.5	WEGE	8/6/1999	10.5	<0.5	<0.005	<0.005	<0.005	**0.018**	<0.005		
TRENCH-I-5	WEGE	8/6/1999	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-J-10	WEGE	8/6/1999	10	<0.5	**0.021**	**0.079**	**0.011**	**0.057**	<0.005		
TRENCH-K-12.5	WEGE	8/9/1999	12.5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-L-10	WEGE	8/9/1999	10	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-M-6	WEGE	8/12/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-N-8	WEGE	8/12/1999	8	<0.5	**0.012**	**0.005**	<0.005	**0.012**	<0.005		
TRENCH-O-10	WEGE	8/12/1999	10	<0.5	**0.011**	<0.005	<0.005	**0.011**	<0.005		
TRENCH-P-6	WEGE	8/12/1999	6	<0.5	**0.045**	<0.005	<0.005	<0.01	<0.005		

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SOIL CORES DECEMBER 2004											
CORE HOLE 1											
C1-8/8.25	WEGE	12/9/2004	8.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-12/12.25	WEGE	12/9/2004	12.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-20/20.25	WEGE	12/9/2004	20.25	**12**	<0.005	<0.005	**0.0083**	<0.005	<0.005		
C1-23.75/24	WEGE	12/9/2004	24	**1500**	<0.05	**0.097**	**5.1**	**15**	<0.05		
C1-39.75/40	WEGE	12/9/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-45.75/46	WEGE	12/9/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-49.25/49.5	WEGE	12/9/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 2											
C2-8.5/8.75	WEGE	12/16/2004	8.75	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-19/19.25	WEGE	12/16/2004	19.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		**0.012**
C2-22.5/23	WEGE	12/16/2004	23	**2.5**	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-49.25/49.5	WEGE	12/16/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 3											
C3-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-15/15.5	WEGE	12/15/2004	15.5	**270**	**0.16**	**0.14**	**4.2**	**2.3**	<0.05		
C3-31.75/32	WEGE	12/15/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-35.75/36	WEGE	12/15/2004	36	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-41.75/42	WEGE	12/15/2004	42	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 4											

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C4-7.75/8	WEGE	12/16/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C4-19.5/20	WEGE	12/16/2004	20	**58**	**0.044**	**0.83**	**1.1**	**2.1**	<0.005		**0.092**
C4-25.75/26	WEGE	12/16/2004	26	<1	<0.005	<0.005	<0.005	**0.0056**	<0.005		
C4-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

CORE HOLE 5, NOT DRILLED

CORE HOLE 6

C6-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C6-15.75/16	WEGE	12/13/2004	16	**120**	**0.22**	<0.025	**0.16**	<0.05	<0.025		
C6-16.5/17	WEGE	12/13/2004	17	**1600**	**0.99**	<0.25	**23**	**3.2**	<0.25		
C6-31.75/32	WEGE	12/13/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C6-34.75/35	WEGE	12/13/2004	35	<1	**0.035**	<0.005	<0.005	<0.005	<0.005		

CORE HOLE 7

C7-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C7-18/18.25	WEGE	12/15/2004	18.25	**220**	**0.055**	**0.031**	**0.64**	**0.05**	<0.025		
C7-29.75/30	WEGE	12/15/2004	30	<1	**0.14**	**0.028**	**0.013**	**0.029**	<0.005		
C7-45.75/46	WEGE	12/15/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C7-48.75/49	WEGE	12/15/2004	49	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

CORE HOLE 8

C8-7.75/8	WEGE	12/14/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C8-11.75/12.0	WEGE	12/14/2004	12	**470**	<0.1	<0.1	**0.13**	<0.1	<0.1		
C8-15.75/16.0	WEGE	12/14/2004	16	**7.2**	**0.08**	**0.043**	**0.25**	**0.3**	<0.005		

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C8-29.75/30.0	WEGE	12/14/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C8-37.75/38	WEGE	12/14/2004	38	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 9											
C9-7.75/8	WEGE	12/14/2004	8	**520**	<0.25	<0.25	**4.2**	**5.4**	<0.25		
C9-11.75/12	WEGE	12/14/2004	12	**1300**	<0.25	**0.72**	**17**	**75**	<0.25		
C9-23.75/24	WEGE	12/14/2004	24	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C9-30.75/31	WEGE	12/14/2004	31	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 10											
C10-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C10-16/16.25	WEGE	12/13/2004	16.25	**1.1**	**0.005**	<0.005	**0.026**	**0.067**	<0.005		
C10-29.75/30	WEGE	12/13/2004	30	<1	**0.085**	<0.005	<0.005	<0.005	**0.0066**		
C10-33.75/34	WEGE	12/13/2004	34	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 11											
C11-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C11-17.5/18	WEGE	12/13/2004	18	**2.4**	**0.012**	<0.005	**0.013**	**0.028**	<0.005		
C11-23.75/24.0	WEGE	12/13/2004	24	**210**	**3.9**	**15**	**4.4**	**23**	<0.025		
C11-28.75/29	WEGE	12/13/2004	29	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C11-31.75/32	WEGE	12/13/2004	32	<1	**0.027**	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 12											
C12-5.75/6.0	WEGE	12/10/2004	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C12-15.75/16	WEGE	12/10/2004	16	**6**	<0.005	<0.005	**0.056**	<0.005	<0.005		

TABLE 3
SOIL SAMPLE (CERTIFIED LABORATORY RESULTS)
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
C12-19.75/20	WEGE	12/10/2004	20	**3.2**	<0.005	<0.005	<0.005	<0.005	<0.005		
C12-29.75/30	WEGE	12/10/2004	30	**4.4**	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 13											
C13-3.75/4.0	WEGE	12/9/2004	4	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C13-13.75/14	WEGE	12/9/2004	14	**23**	**0.097**	<0.005	**0.31**	**0.46**	<0.005		
C13-21/21.5	WEGE	12/9/2004	21.5	**180**	**0.74**	**1.1**	**2.8**	**12**	<0.025		
C13-23.75/24	WEGE	12/10/2004	24	<1	**0.19**	<0.005	<0.005	**0.016**	**0.0094**		
C13-29.75/30	WEGE	12/10/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
Geotechical Evaluation Drilling for proposed excavation slope stability and grading permit.											
GB 1-15	WEGE	1/24/2011	15	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
GB 2-17.5	WEGE	1/24/2011	17.5	**720**	<0.005	<0.005	**9.2**	**11**	<0.005		

RSI	REMEDIATION SERVICE, INT'L
WWC	WATERWORKS CORP.
LF	LEVINE-FRICKE
WEGE	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
TOC Total Organic Carbon

TABLE 4 GROUNDWATER SCREENING LEVELS FOR POTENTIAL VAPOR INTRUSION
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	(UG/L) **(1.0)**	(UG/L) **(150)**	(UG/L) **(300)**	(UG/L) **(1800)**	(UG/L) **(13)**
GROUNDWATER POTENTIAL DRINKING WATER						**100**	**1.0**	**40**	**30**	**20**	**5**
GROUNDWATER NOT A POTENTIAL DRINKING WATER						**210**	**46**	**130**	**43**	**100**	**1800**
RESIDENTIAL VAPOR INTRUSION							**540**	**380000**	**170000**	**160000**	**24000**
COMMERCIAL VAPAOR INTRUSION							**1800**	**530000**	**170000**	**160000**	**80000**
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	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	3/31/2009	227.61	34.00	193.61		**800**	**120**	14	2	**54**	2.7
RS-05	9/8/2009	227.61	22.30	205.31		**1100**	**6.3**	1	3.9	**24**	1.4
RS-05	3/24/2010	227.61	33.50	194.11		**1700**	**200**	29	10	**110**	2.6
RS-05	6/30/2010	227.61	16.03	211.58		**280**	**6.3**	1.1	<0.5	19	<0.5
RS-05	9/16/2010	227.61	17.02	210.59		**8400**	**110**	31	**180**	**640**	<0.5
RS-05	4/6/2011	227.61	12.62	214.99		**4800**	**100**	31	**200**	**370**	<0.9
RS-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	3/31/2009	195.99	4.10	191.89		**2400**	**190**	3.6	**96**	**27**	2.5
RS-07	9/8/2009	195.99	4.18	191.81		**2700**	**140**	7.3	**42**	14	2
RS-07	3/24/2010	195.99	4.11	191.88		**2100**	**130**	5.8	**66**	14	1.6
RS-07	6/30/2010	195.99	4.08	191.91		no sample					
RS-07	9/16/2010	195.99	4.12	191.87		**3500**	**490**	9	**56**	12	3.5
RS-07	4/6/2011	195.99	4.12	191.87		**2000**	**190**	**307**	**46**	17	2.2

TABLE 4 GROUNDWATER SCREENING LEVELS FOR POTENTIAL VAPOR INTRUSION
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod.	TPH-G	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)					ft	(UG/L)	(UG/L) **(1.0)**	(UG/L) **(150)**	(UG/L) **(300)**	(UG/L) **(1800)**	(UG/L) **(13)**
GROUNDWATER POTENTIAL DRINKING WATER						**100**	**1.0**	**40**	**30**	**20**	**5**
GROUNDWATER NOT A POTENTIAL DRINKING WATER						**210**	**46**	**130**	**43**	**100**	**1800**
RESIDENTIAL VAPOR INTRUSION							**540**	**380000**	**170000**	**160000**	**24000**
COMMERCIAL VAPAOR INTRUSION							**1800**	**530000**	**170000**	**160000**	**80000**
RS-08	3/31/2009	214.67			dogs in backyard, could not access well						
RS-08	9/8/2009	214.67			dogs in backyard, could not access well						
RS-08	3/24/2010	214.67	7.78	206.89		**2500**	**48**	3	**26**	**130**	<0.5
RS-08	6/30/2010	214.67			dogs in backyard, could not access well						
RS-08	9/16/2010	214.67	8.98	205.69		**17000**	**260**	**140**	**240**	**1600**	<0.5
RS-08	4/6/2011	214.67	3.63	211.04		**570**	**29**	0.56	<0.5	6.2	<0.5
RS-09	3/31/2009	195.63	5.64	189.99		72	**1**	<0.5	<0.5	<0.5	<0.5
RS-09	9/8/2009	195.63	7.45	188.18		**2800**	**700**	2.9	5.4	**21**	2.7
RS-09	3/24/2010	195.63	5.26	190.37		57	**3.7**	<0.5	<0.5	0.58	<0.5
RS-09	6/30/2010	195.63	6.17	189.46		no samples					
RS-09	9/16/2010	195.63	7.09	188.54		**1800**	**410**	2.5	3.5	17	1.6
RS-09	4/6/2011	195.63	4.72	190.91		**6400**	**1900**	6.6	20	**83**	4.3
RS-10	3/31/2009	208.46	3.05	205.41		<50	<0.5	<0.5	<0.5	<0.5	<0.5
RS-10	9/8/2009	208.46	7.80	200.66		77	**5.6**	<0.5	<0.5	<0.5	<0.5
RS-10	3/24/2010	208.46	2.92	205.54		<50	<0.5	<0.5	<0.5	<0.5	<0.5
RS-10	6/30/2010	208.46				no access					
RS-10	9/16/2010	208.46	5.78	202.68		53	4.4	3.6	0.8	1.4	<0.5
RS-10	4/6/2011	208.46	2.34	206.12		no samples					

TABLE 4 GROUNDWATER SCREENING LEVELS FOR POTENTIAL VAPOR INTRUSION
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.0)**	**(150)**	**(300)**	**(1800)**	**(13)**
GROUNDWATER POTENTIAL DRINKING WATER						**100**	**1.0**	**40**	**30**	**20**	**5**
GROUNDWATER NOT A POTENTIAL DRINKING WATER						**210**	**46**	**130**	**43**	**100**	**1800**
RESIDENTIAL VAPOR INTRUSION							**540**	**380000**	**170000**	**160000**	**24000**
COMMERCIAL VAPAOR INTRUSION							**1800**	**530000**	**170000**	**160000**	**80000**
R1	3/31/2009	227.69	12.85	214.84		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R1	9/8/2009	227.69	15.60	212.09		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R1	3/24/2010	227.69	12.40	215.29		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R1	6/30/2010	227.69	14.03	213.66		no samples					
R1	9/16/2010	227.69	14.56	213.13		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R1	4/6/2011	227.69	9.90	217.79		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R2	3/31/2009	227.28	11.42	215.86		<50	**5.5**	<0.5	<0.5	<0.5	<0.5
R2	9/8/2009	227.28	15.50	211.78		56	<0.5	<0.5	<0.5	<0.5	<0.5
R2	3/24/2010	227.28	11.10	216.18		**140**	**16**	<0.5	<0.5	<0.5	<0.5
R2	6/30/2010	227.28	13.30	213.98		no samples					
R2	9/16/2010	227.28	14.28	213		54	0.68	<0.5	<0.5	<0.5	<0.5
R2	4/6/2011	227.28	9.15	218.13		**170**	**16**	<0.5	<0.5	<0.5	<0.5

TABLE 4 GROUNDWATER SCREENING LEVELS FOR POTENTIAL VAPOR INTRUSION
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

		(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)									
ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	free phase prod. ft	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
(CALIFORNIA PUBLIC HEALTH GOAL)							**(1.0)**	**(150)**	**(300)**	**(1800)**	**(13)**
GROUNDWATER POTENTIAL DRINKING WATER						**100**	**1.0**	**40**	**30**	**20**	**5**
GROUNDWATER NOT A POTENTIAL DRINKING WATER						**210**	**46**	**130**	**43**	**100**	**1800**
RESIDENTIAL VAPOR INTRUSION							**540**	**380000**	**170000**	**160000**	**24000**
COMMERCIAL VAPAOR INTRUSION							**1800**	**530000**	**170000**	**160000**	**80000**
R3	3/31/2009	227.25	7.27	219.98		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R3	9/8/2009	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R3	3/24/2010	227.25	7.22	220.03		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R3	6/30/2010	227.25	9.95	217.3		no samples					
R3	9/16/2010	227.25	10.95	216.3		<50	<0.5	<0.5	<0.5	<0.5	<0.5
R3	4/6/2011	227.25	5.50	221.75		<50	<0.5	<0.5	<0.5	<0.5	<0.5
T 1	3/31/2009	195.11	2.32	192.79		**24000**	**5800**	**830**	**1300**	**3700**	**16**
T 1	9/8/2009	195.11	2.90	192.21		**7900**	**2700**	**57**	**50**	**180**	**7.8**
T 1	3/24/2010	195.11	2.25	192.86		**22000**	**5800**	**640**	**1200**	**2500**	**18**
T 1	6/30/2010	195.11				no access, parked cars					
T 1	9/16/2010	195.11	2.34	192.77		**13000**	**5100**	**58**	**110**	**110**	**<15**
T 1	4/6/2011	195.11	2.00	193.11		**41000**	**12000**	**3000**	**1200**	**3300**	**30**
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 OR < BELOW LABORATORY DETECTION LIMITS
TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
WELL CASING ELEVATION SURVEY 8-27-99, WADE HAMMOND No.6163,BENCH MARK CITY OF OAKLAND #2814

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
SOIL BORINGS/MONITOR WELLS INSTALLATIONS BY RSI											
RS-1	RSI	12/11/1989	5	16	na	na	na	na			
RS-1	RSI	12/11/1989	10	33	na	na	na	na			
RS-2	RSI	12/11/1989	5	<1	na	na	na	na			
RS-2	RSI	12/11/1989	10	11	na	na	na	na			
RS-3	RSI	12/11/1989	5	<1	<0.003	0.043	<0.003	0.008			
RS-3	RSI	12/11/1989	10	<1	<0.003	0.02	<0.003	<0.003			
RS-4	RSI	12/12/1989	5	50	**0.0039**	3.4	0.74	4.1			
RS-4	RSI	12/12/1989	10	8	**0.00125**	0.94	0.17	0.92			
RS-5	RSI	12/12/1989	5	<1	na	na	na	na			
RS-5	RSI	12/12/1989	10	<1	na	na	na	na			
RS-6	RSI	12/13/1989	5	<1	na	na	na	na			
RS-6	RSI	12/13/1989	10	<1	na	na	na	na			
SOIL BORINGS ALONG SEWER LATERAL											

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
DPO-SS1	WWC	7/24/1990	3.5	<1	<0.005	<0.005	<0.005	<0.005			
DPO-SS1	WWC	7/24/1990	5	<1	0.005	<0.005	<0.005	0.011			
DPO-SB1	WWC	8/21/1990	5	**175.5**	**0.0125**	**0.34**	**0.376**	**47**			
DPO-SB2	WWC	8/21/1990	5	41	**0.31**	1.4	0.92	4.4			
DPO-SB2	WWC	8/21/1990	10	**103.5**	**0.0175**	**0.42**	**0.2**	**43**			
SOIL BORINGS AT 4003 AND 4006 BRIGHTON AVENUE											
SB-A	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	5	<0.2	<0.005	<0.005	<0.005	<0.005			
LF-1	LF	9/9/1993	6	<0.2	<0.005	<0.005	<0.005	<0.005			
UST AND PIPING REMOVAL DOCUMENTATION SAMPLING											
WASTE OIL UST											
WO-1	WEGE	6/23/1994	7.5	3	0.063	0.34	0.048	0.23			
PRODUCT DISPENSING SYSTEM											

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
PL-1	WEGE	6/23/1994	2.5	<1	0.01	<0.005	<0.005	0.02			
PL-2	WEGE	6/23/1994	2.5	<1	0.01	0.031	0.0059	0.032			
OVER-EXCAVATION OF USTs AND PRODUCT DISPENSING AREAS											
SIDEWALLS OF UST EXCAVATION AND SOUTH OF BUILDING											
SWB-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
SWD-6	WEGE	8/8/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
I-SW BUILD 8	WEGE	8/10/1995	8	**900**	**0.0225**	**0.7**	**0.72**	**130**			
K-SW WEST 8	WEGE	8/11/1995	8	<1	<0.005	<0.005	<0.005	0.005			
SIDEWALLS AND BASE OF EXCAVATION SOUTH OF PUMP ISLANDS AND DISPENSER AREAS											
PI-2	WEGE	8/14/1995	7	<1	0.011	<0.005	0.005	0.03			
PI-3	WEGE	8/14/1995	8	<1	<0.005	<0.005	<0.005	<0.005			
PI-4	WEGE	8/14/1995	6	<1	<0.005	<0.005	<0.005	<0.005			
HYDRAULIC HOIST AREAS											
SLP-7	WEGE	8/16/1995	7	na							
NPL-7	WEGE	8/16/1995	7	na							
BORING FOR MONITOR WELL MW1, REPLACED RS-1 WHICH WAS OVER-EXCAVATED.											

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
MW1-5	WEGE	9/5/1995	5	<1	0.005	0.005	<0.005	0.015			
MW1-10	WEGE	9/5/1995	10	<1	<0.005	<0.005	<0.005	<0.005			
		SEWER LATERAL INVESTIGATION									
BH1-5	WEGE	5/1/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH1-10	WEGE	5/1/1996	10	31	<0.005	0.16	0.22	0.71		390	
BH2-5.5	WEGE	5/2/1996	5.5	<0.2	<0.005	<0.005	<0.005	<0.005		2400	
BH3-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH3-10.5	WEGE	5/2/1996	10.5	<0.2	0.09	<0.005	<0.005	0.021		340	
BH4-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH4-8.5	WEGE	5/2/1996	8.5	<0.2	<0.005	<0.005	<0.005	<0.005		460	
BH5-5	WEGE	5/2/1996	5	<0.2	<0.005	<0.005	<0.005	<0.005			
BH5-6.5	WEGE	5/2/1996	6.5	<0.2	<0.005	<0.005	<0.005	<0.005		5700	
AUGER 1	WEGE	1/17/1997	0.9	0.5	<0.005	0.017	<0.005	<0.01	0.14		
AUGER 2	WEGE	1/17/1997	7	0.68	0.024	0.032	0.009	0.024	0.07		
AUGER 3	WEGE	1/17/1997	4.5	<0.5	<0.005	0.017	<0.005	<0.01	0.085		

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
ADDITIONAL MONITOR WELLS ALONG SEWER LATERAL											
RS8-10	WEGE	8/2/1999	10	**72**	**0.00245**	0.79	**0.104**	6.2	<0.005		
RS9-6	WEGE	8/3/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
RS9-10	WEGE	8/3/1999	10	67	**0.002**	2	0.87	4.9	<0.005		
RS10-6	WEGE	8/5/1999	6	<0.5	0.005	<0.005	<0.005	<0.01	<0.005		
RS10-9.5	WEGE	8/5/1999	9.5	**391.5**	**0.055**	**1.24**	**0.84**	**120**	<0.005		
RECEPTOR TRENCH DOCUMENTATION SAMPLES											
TRENCH-B-10	WEGE	8/4/1999	10	**63**	**0.01**	4	**0.096**	10	<0.005		
TRENCH-D-10.5	WEGE	8/5/1999	10.5	<0.5	<0.005	0.006	<0.005	0.017	<0.005		
TRENCH-E-5	WEGE	8/5/1999	5	**1800**	**0.085**	**5.2**	**4.4**	**580**	<0.005		
TRENCH-F-10.5	WEGE	8/5/1999	10.5	<0.5	0.064	0.015	0.01	0.046	<0.005		
TRENCH-G-7	WEGE	8/6/1999	7	**495**	**0.007**	**1.4**	**1.36**	**180**	4.5		
TRENCH-H-10.5	WEGE	8/6/1999	10.5	<0.5	<0.005	<0.005	<0.005	0.018	<0.005		
TRENCH-I-5	WEGE	8/6/1999	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-J-10	WEGE	8/6/1999	10	<0.5	0.021	0.079	0.011	0.057	<0.005		
TRENCH-L-10	WEGE	8/9/1999	10	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
TRENCH-M-6	WEGE	8/12/1999	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
TRENCH-N-8	WEGE	8/12/1999	8	<0.5	0.012	0.005	<0.005	0.012	<0.005		
TRENCH-O-10	WEGE	8/12/1999	10	<0.5	0.011	<0.005	<0.005	0.011	<0.005		
TRENCH-P-6	WEGE	8/12/1999	6	<0.5	0.045	<0.005	<0.005	<0.01	<0.005		
SOIL CORES DECEMBER 2004											
CORE HOLE 1											
C1-8/8.25	WEGE	12/9/2004	8.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 2											
C2-8.5/8.75	WEGE	12/16/2004	8.75	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 3											
C3-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 4											
C4-7.75/8	WEGE	12/16/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 5, NOT DRILLED											
CORE HOLE 6											
C6-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		
CORE HOLE 7											
C7-7.75/8	WEGE	12/15/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 8											
C8-7.75/8	WEGE	12/14/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 9											
C9-7.75/8	WEGE	12/14/2004	8	**234**	**0.001**	<0.25	**0.168**	5.4	<0.25		
CORE HOLE 10											
C10-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 11											
C11-7.75/8	WEGE	12/13/2004	8	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 12											
C12-5.75/6.0	WEGE	12/10/2004	6	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 13											
C13-3.75/4.0	WEGE	12/9/2004	4	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

TABLE 5 SOIL - ESTIMATED NATURAL ATTENUATION DEC. 2004 - JAN. 2011
Table B Environmental Screening Levels (ESLs)Shallow Soils, < 10 foot depth.
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
ESLS Residential				100	0.12	9.3	2.3	11	11		100
ESLS Commercial				180	0.27	9.3	4.7	11	11		110
NATURAL ATTENUATION MULTIPLIER				0.45	0.005	0.02	0.04	3.44	0.02		

RSI	REMEDIATION SERVICE, INT'L
WWC	WATERWORKS CORP.
LF	LEVINE-FRICKE
WEGE	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
TOC Total Organic Carbon

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
SOIL BORINGS/MONITOR WELLS INSTALLATIONS BY RSI											
RS-1	RSI	12/11/1989	15	<1	na	na	na	na			
RS-1	RSI	12/11/1989	20	<1	<0.003	0.008	<0.003	<0.003			
RS-1	RSI	12/11/1989	25	4.5	0.0003	0.0024	0.0164	0.4469			
RS-1	RSI	12/11/1989	30	<1	<0.003	0.012	<0.003	<0.003			
RS-2	RSI	12/11/1989	15	<1	na	na	na	na			
RS-2	RSI	12/11/1989	20	<1	<0.003	0.017	<0.003	<0.003			
RS-5	RSI	12/12/1989	15	<1	na	na	na	na			
RS-5	RSI	12/12/1989	20	**238.5**	1.5	8.4	3.9	**22**			
RS-5	RSI	12/12/1989	25	4	0.7	0.42	0.58	0.26			
RS-5	RSI	12/12/1989	30	**720**	na	na	na	na			
RS-5	RSI	12/12/1989	35	<1	na	na	na	na			
RS-5	RSI	12/12/1989	40	1	0.036	0.069	0.009	0.043			
RS-6	RSI	12/13/1989	15	<1	na	na	na	na			
RS-6	RSI	12/13/1989	20	<1	0.017	0.007	<0.003	0.015			
RS-6	RSI	12/13/1989	25	<1	0.009	0.011	<0.003	<0.003			
RS-6	RSI	12/13/1989	30	<1	na	na	na	na			
RS-6	RSI	12/13/1989	35	<1	0.005	0.007	<0.003	0.006			

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
			SOIL BORINGS ALONG SEWER LATERAL								
DPO-SB2	WWC	8/21/1990	15	<1	0.052	0.13	0.019	0.099			
DPO-SB2	WWC	8/21/1990	20	<1	0.03	0.033	0.0076	0.03			
DPO-SB3	WWC	9/19/1990	15	<1	<0.005	<0.005	<0.005	0.0073			
			SOIL BORINGS AT 4003 AND 4006 BRIGHTON AVENUE								
SB-A	LF	9/8/1993	15	<0.2	<0.005	<0.005	<0.005	<0.005			
SB-B	LF	9/8/1993	12.5	**180**	1.7	**0.34**	**3.28**	**44**			
LF-1	LF	9/9/1993	15.5	<0.2	<0.005	<0.005	<0.005	<0.005			
			UST AND PIPING REMOVAL DOCUMENTATION SAMPLING								
REGULAR LEADED STEEL UST											
T1A	WEGE	6/23/1994	14	2	0.022	0.075	0.03	0.16			
T1B	WEGE	6/23/1994	14	<1	0.027	0.028	0.006	0.026			

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
UNLEADED STEEL UST											
T2A	WEGE	6/23/1994	14	<1	0.022	0.027	0.005	0.022			
T2B	WEGE	6/23/1994	14	<1	0.017	0.025	0.005	0.02			
UNLEADED FIBERGLASS UST											
T3A	WEGE	6/23/1994	14	<1	0.013	0.012	<0.005	<0.015			
T3B	WEGE	6/23/1994	14	<1	0.013	0.011	<0.005	<0.015			
WASTE OIL UST											
WO-1	WEGE	6/23/1994	7.5	3	0.063	0.34	0.048	0.23			
PRODUCT DISPENSING SYSTEM											
PL-1	WEGE	6/23/1994	2.5	<1	0.01	<0.005	<0.005	0.02			
PL-2	WEGE	6/23/1994	2.5	<1	0.01	0.031	0.0059	0.032			
OVER-EXCAVATION OF USTs AND PRODUCT DISPENSING AREAS											
SIDEWALLS OF UST EXCAVATION AND SOUTH OF BUILDING											
SWA -13	WEGE	8/8/1995	13	3	0.005	0.009	0.046	0.36			
SWC-13	WEGE	8/8/1995	13	3	<0.005	<0.005	<0.005	0.022			
SWE-11.5	WEGE	8/8/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
F-14	WEGE	8/8/1995	14	3	0.12	0.24	0.053	0.29			

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
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4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
G-17	WEGE	8/8/1995	17	6	0.16	0.31	0.11	0.68			
H-SW-BOT-16	WEGE	8/10/1995	16	**450**	**0.018**	**0.62**	**5.6**	**77**			
J-BOT WEST	WEGE	8/11/1995	13	<1	<0.005	<0.005	<0.005	<0.005			
SIDEWALLS AND BASE OF EXCAVATION SOUTH OF PUMP ISLANDS AND DISPENSER AREAS											
PI-1	WEGE	8/14/1995	12	<1	<0.005	<0.005	<0.005	<0.005			
HYDRAULIC HOIST AREAS											
SLP-14.5	WEGE	8/16/1995	14.5	**540**	**0.044**	**0.5**	**7.2**	**92**			
WASTE OIL UST											
T1-17	WEGE	8/31/1995	17	**423**	**0.011**	3.3	**3.16**	**33**			
EXPLORATORY PIT WEST OF BUILDING											
T2-11.5	WEGE	8/31/1995	11.5	<1	<0.005	<0.005	<0.005	<0.005			
T2-17.5	WEGE	8/31/1995	17.5	4	0.05	0.07	0.062	0.31			
BORING FOR MONITOR WELL MW1, REPLACED RS-1 WHICH WAS OVER-EXCAVATED.											
MW1-15	WEGE	9/5/1995	15	<1	<0.005	<0.005	<0.005	<0.005			
MW1-20	WEGE	9/5/1995	20	<1	<0.005	<0.005	<0.005	<0.005			

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
		SEWER LATERAL INVESTIGATION									
BH3-10.5	WEGE	5/2/1996	10.5	<0.2	0.09	<0.005	<0.005	0.021		340	
		RECEPTOR TRENCH DOCUMENTATION SAMPLES									
TRENCH-A-15	WEGE	8/4/1999	15	<0.5	0.072	0.011	0.008	0.015	<0.005		
TRENCH-C-14	WEGE	8/4/1999	14	<0.5	0.009	0.017	0.005	0.031	<0.005		
TRENCH-D-10.5	WEGE	8/5/1999	10.5	<0.5	<0.005	0.006	<0.005	0.017	<0.005		
TRENCH-F-10.5	WEGE	8/5/1999	10.5	<0.5	0.064	0.015	0.01	0.046	<0.005		
TRENCH-H-10.5	WEGE	8/6/1999	10.5	<0.5	<0.005	<0.005	<0.005	0.018	<0.005		
TRENCH-K-12.5	WEGE	8/9/1999	12.5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005		
		SOIL CORES DECEMBER 2004									
CORE HOLE 1											
C1-12/12.25	WEGE	12/9/2004	12.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-20/20.25	WEGE	12/9/2004	20.25	12	<0.005	<0.005	0.0083	<0.005	<0.005		
C1-23.75/24	WEGE	12/9/2004	24	**675**	<0.05	0.097	**2.04**	**15**	<0.05		
C1-39.75/40	WEGE	12/9/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-45.75/46	WEGE	12/9/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C1-49.25/49.5	WEGE	12/9/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 2											

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
C2-19/19.25	WEGE	12/16/2004	19.25	<1	<0.005	<0.005	<0.005	<0.005	<0.005		0.012
C2-22.5/23	WEGE	12/16/2004	23	2.5	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C2-49.25/49.5	WEGE	12/16/2004	49.5	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 3											
C3-15/15.5	WEGE	12/15/2004	15.5	**121.5**	0.16	0.14	4.2	2.3	<0.05		
C3-31.75/32	WEGE	12/15/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-35.75/36	WEGE	12/15/2004	36	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C3-41.75/42	WEGE	12/15/2004	42	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 4											
C4-19.5/20	WEGE	12/16/2004	20	58	0.044	0.83	1.1	2.1	<0.005		0.092
C4-25.75/26	WEGE	12/16/2004	26	<1	<0.005	<0.005	<0.005	0.0056	<0.005		
C4-39.75/40	WEGE	12/16/2004	40	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 5, NOT DRILLED											
CORE HOLE 6											
C6-15.75/16	WEGE	12/13/2004	16	120	0.22	<0.025	0.16	<0.05	<0.025		
C6-16.5/17	WEGE	12/13/2004	17	**720**	0.99	<0.25	**9.2**	3.2	<0.25		
C6-31.75/32	WEGE	12/13/2004	32	<1	<0.005	<0.005	<0.005	<0.005	<0.005		

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
C6-34.75/35	WEGE	12/13/2004	35	<1	**0.035**	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 7											
C7-18/18.25	WEGE	12/15/2004	18.25	**99**	0.055	0.031	0.64	0.05	<0.025		
C7-29.75/30	WEGE	12/15/2004	30	<1	0.14	0.028	0.013	0.029	<0.005		
C7-45.75/46	WEGE	12/15/2004	46	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C7-48.75/49	WEGE	12/15/2004	49	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 8											
C8-11.75/12.0	WEGE	12/14/2004	12	**211.5**	<0.1	<0.1	0.13	<0.1	<0.1		
C8-15.75/16.0	WEGE	12/14/2004	16	7.2	0.08	0.043	0.25	0.3	<0.005		
C8-29.75/30.0	WEGE	12/14/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C8-37.75/38	WEGE	12/14/2004	38	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 9											
C9-11.75/12	WEGE	12/14/2004	12	**585**	<0.25	0.72	**6.8**	**75**	<0.25		
C9-23.75/24	WEGE	12/14/2004	24	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C9-30.75/31	WEGE	12/14/2004	31	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 10											
C10-16/16.25	WEGE	12/13/2004	16.25	1.1	0.005	<0.005	0.026	0.067	<0.005		
C10-29.75/30	WEGE	12/13/2004	30	<1	0.085	<0.005	<0.005	<0.005	0.0066		

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

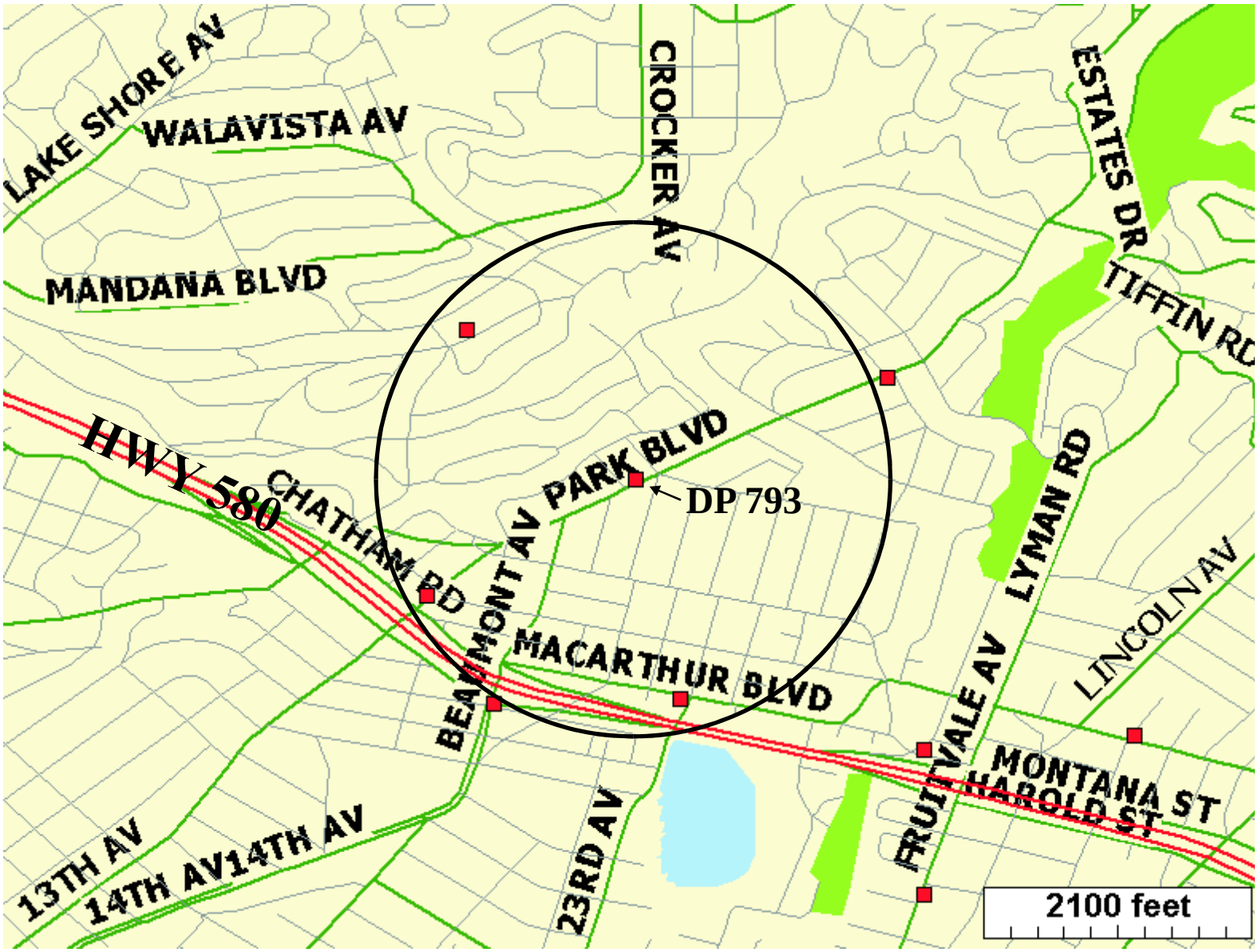
SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		
C10-33.75/34	WEGE	12/13/2004	34	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 11											
C11-17.5/18	WEGE	12/13/2004	18	2.4	0.012	<0.005	0.013	0.028	<0.005		
C11-23.75/24.0	WEGE	12/13/2004	24	**94.5**	**0.020**	**0.3**	1.76	**23**	<0.025		
C11-28.75/29	WEGE	12/13/2004	29	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
C11-31.75/32	WEGE	12/13/2004	32	<1	0.027	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 12											
C12-15.75/16	WEGE	12/10/2004	16	6	<0.005	<0.005	0.056	<0.005	<0.005		
C12-19.75/20	WEGE	12/10/2004	20	3.2	<0.005	<0.005	<0.005	<0.005	<0.005		
C12-29.75/30	WEGE	12/10/2004	30	4.4	<0.005	<0.005	<0.005	<0.005	<0.005		
CORE HOLE 13											
C13-13.75/14	WEGE	12/9/2004	14	23	0.097	<0.005	0.31	0.46	<0.005		
C13-21/21.5	WEGE	12/9/2004	21.5	**81**	0.74	1.1	2.8	**12**	<0.025		
C13-23.75/24	WEGE	12/10/2004	24	<1	0.19	<0.005	<0.005	0.016	0.0094		
C13-29.75/30	WEGE	12/10/2004	30	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
Geotechical Evaluation Drilling for proposed excavation slope stability and grading permit.											
GB 1-15	WEGE	1/24/2011	15	<1	<0.005	<0.005	<0.005	<0.005	<0.005		
GB 2-17.5	WEGE	1/24/2011	17.5	**720**	<0.005	<0.005	**9.2**	**11**	<0.005		

TABLE 6 SOIL - ESTIMATED REDUCTION THROUGH NATURAL ATTENUATION RATIO C6 TO GB2
TABLE D SOIL SAMPLE (NATURAL ATTENUATION REDUCTION) GREATER THAN 10 FOOT DEPTH
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

SAMPLE ID	SAMPLED BY	DATE SAMPLED	DEPTH SAMPLED BELOW SURFACE IN FEET	EPA METHOD 8020 TPHg mg/Kg	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL-BENZENE mg/Kg	XYLENES mg/Kg	MTBE mg/Kg	TOC mg/Kg	TBA mg/Kg
RESIDENTUAL ESLs				180	2	9.3	4.7	11	8.4		110
COMMERCIAL ESLs				180	2	9.3	4.7	11	8.4		110
NATURAL ATTENUATION ESTIMATED MULTIPLIE				0.45	0.005	0.02	0.4	3.44	0.02		

RSI	REMEDIATION SERVICE, INT'L
WWC	WATERWORKS CORP.
LF	LEVINE-FRICKE
WEGE	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
TOC Total Organic Carbon



N
W E
S

LUST SITES

WELLS

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

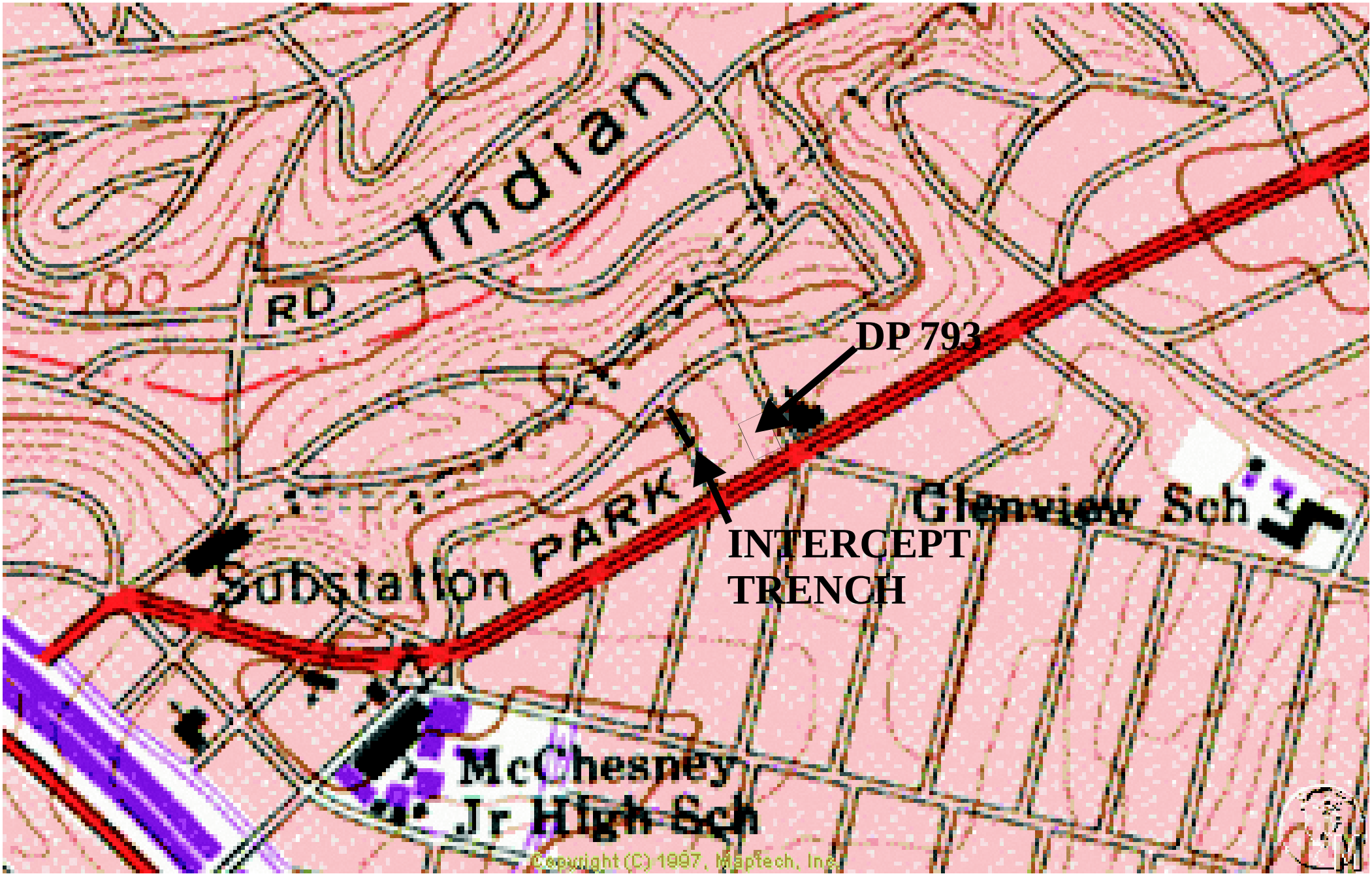


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

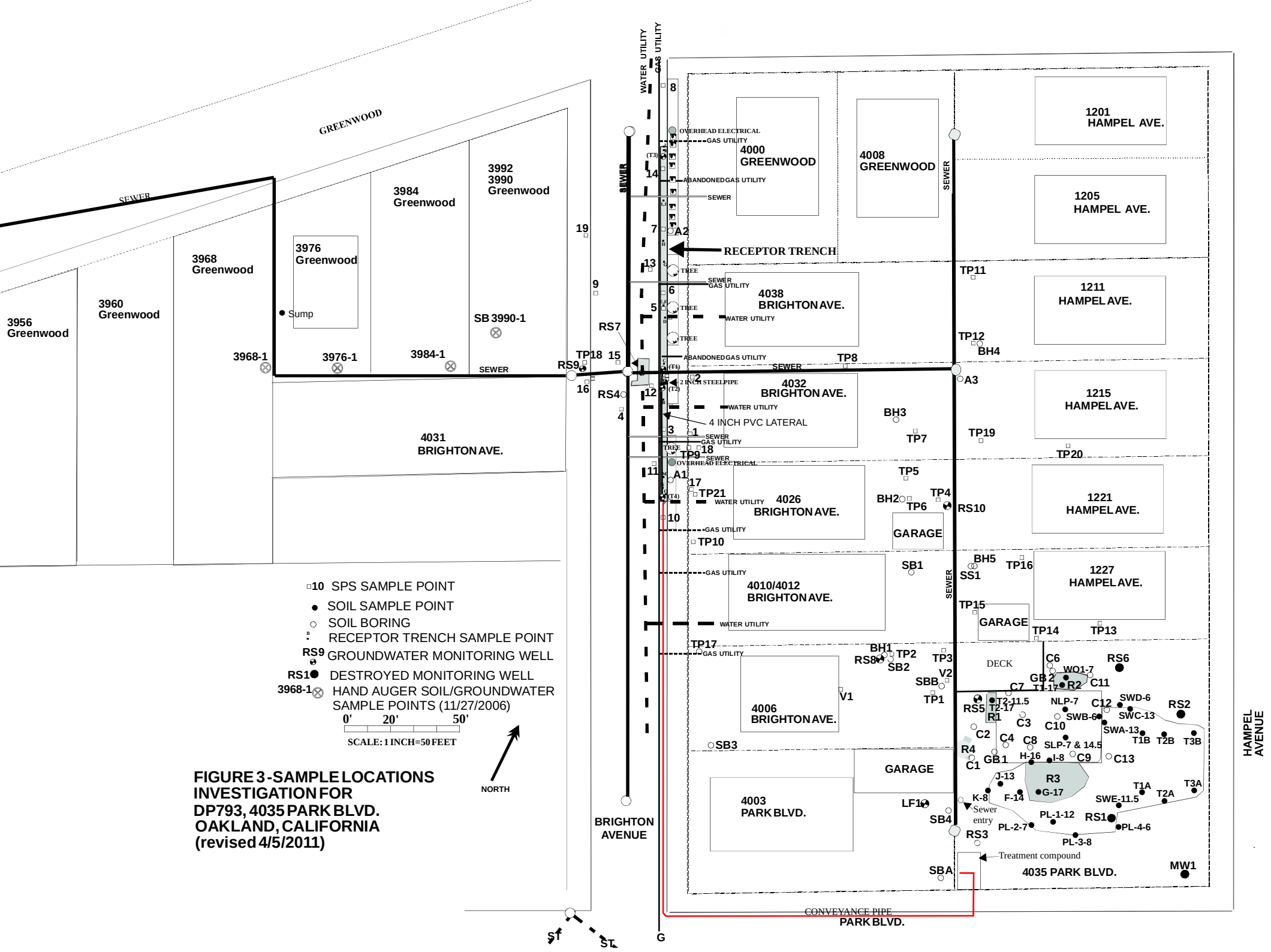


FIGURE 3 - SAMPLE LOCATIONS INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA (revised 4/5/2011)

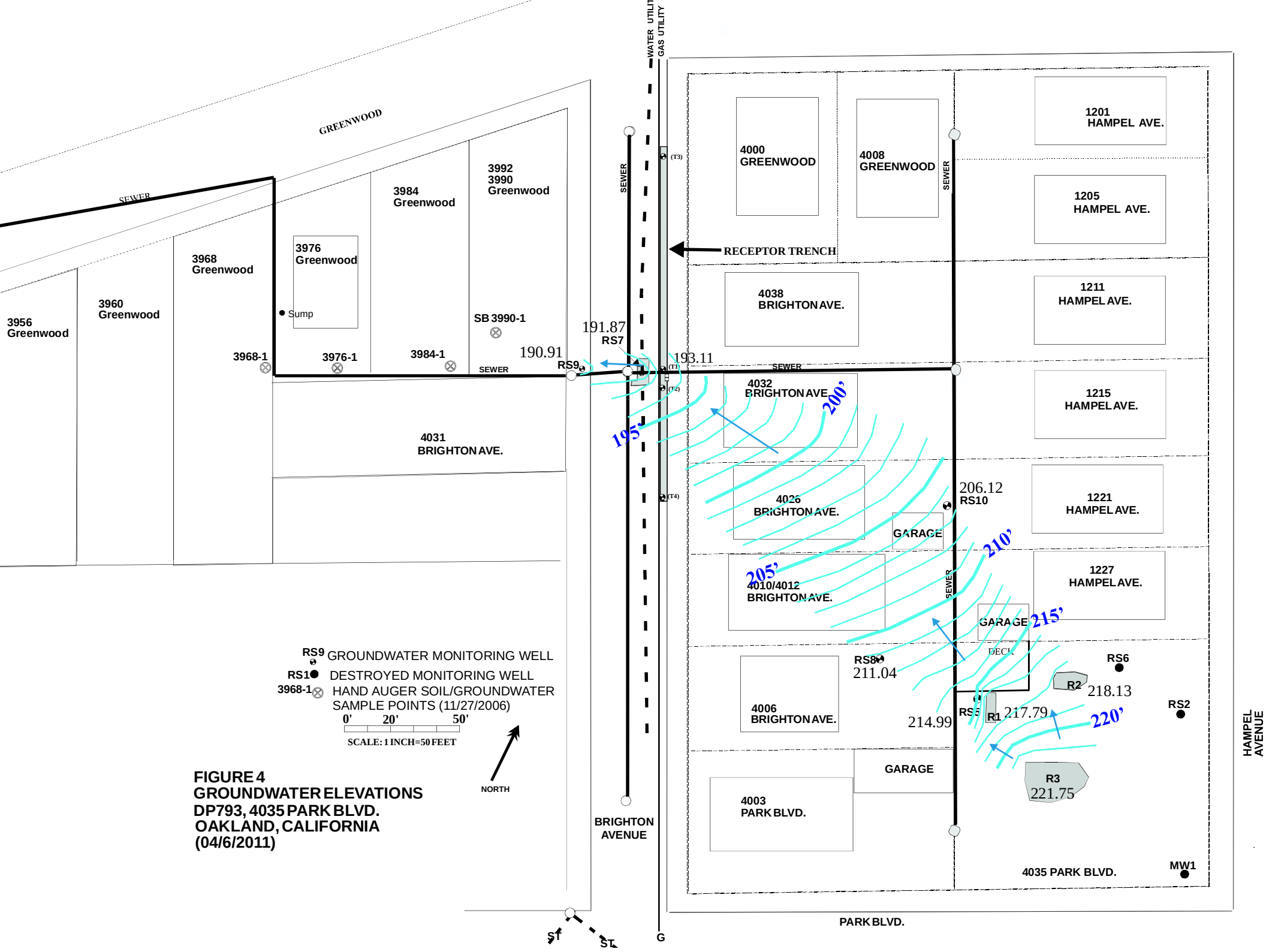


FIGURE 4
GROUNDWATER ELEVATIONS
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA
(04/6/2011)

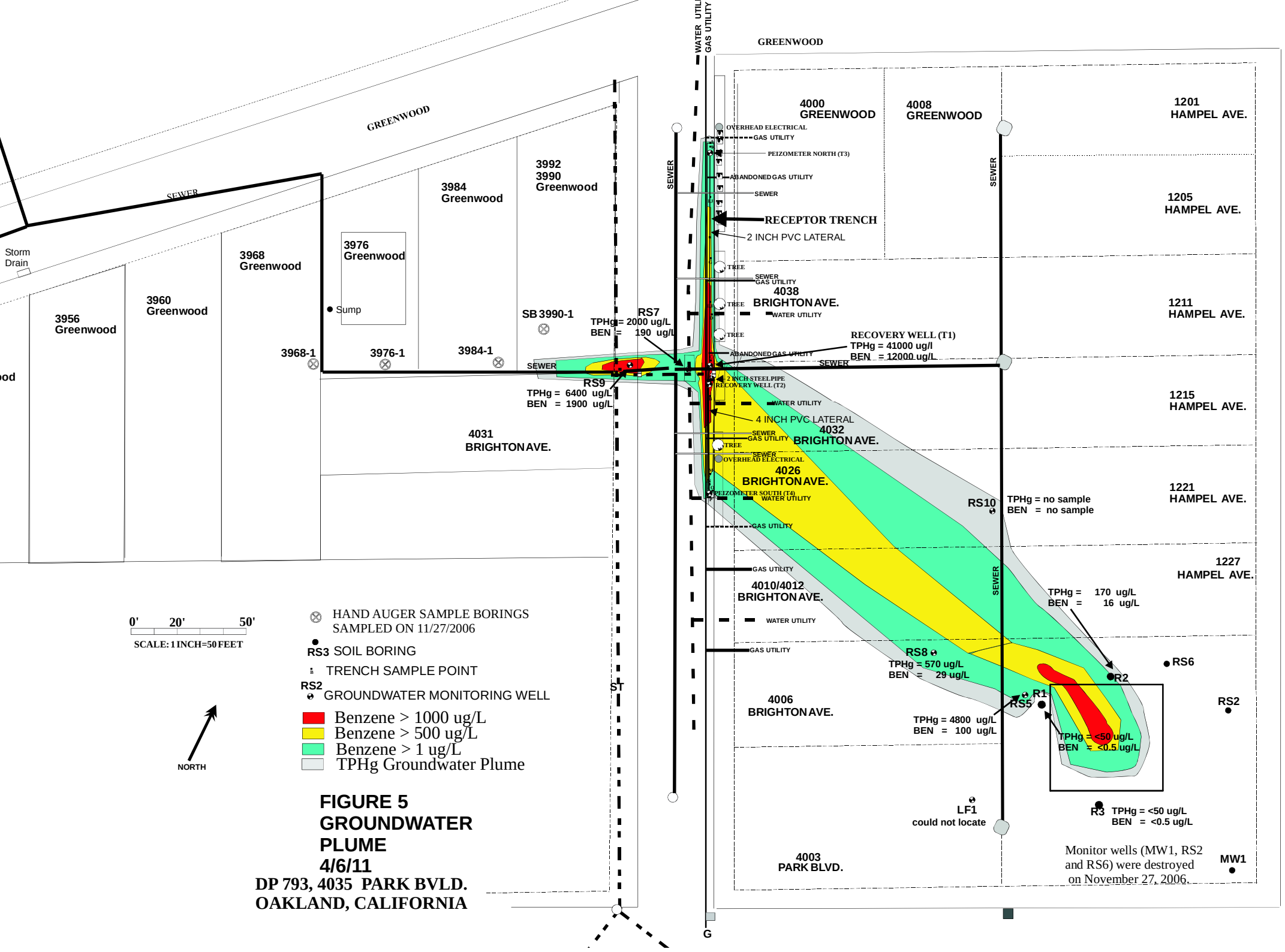


FIGURE 5
GROUNDWATER PLUME
4/6/11
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

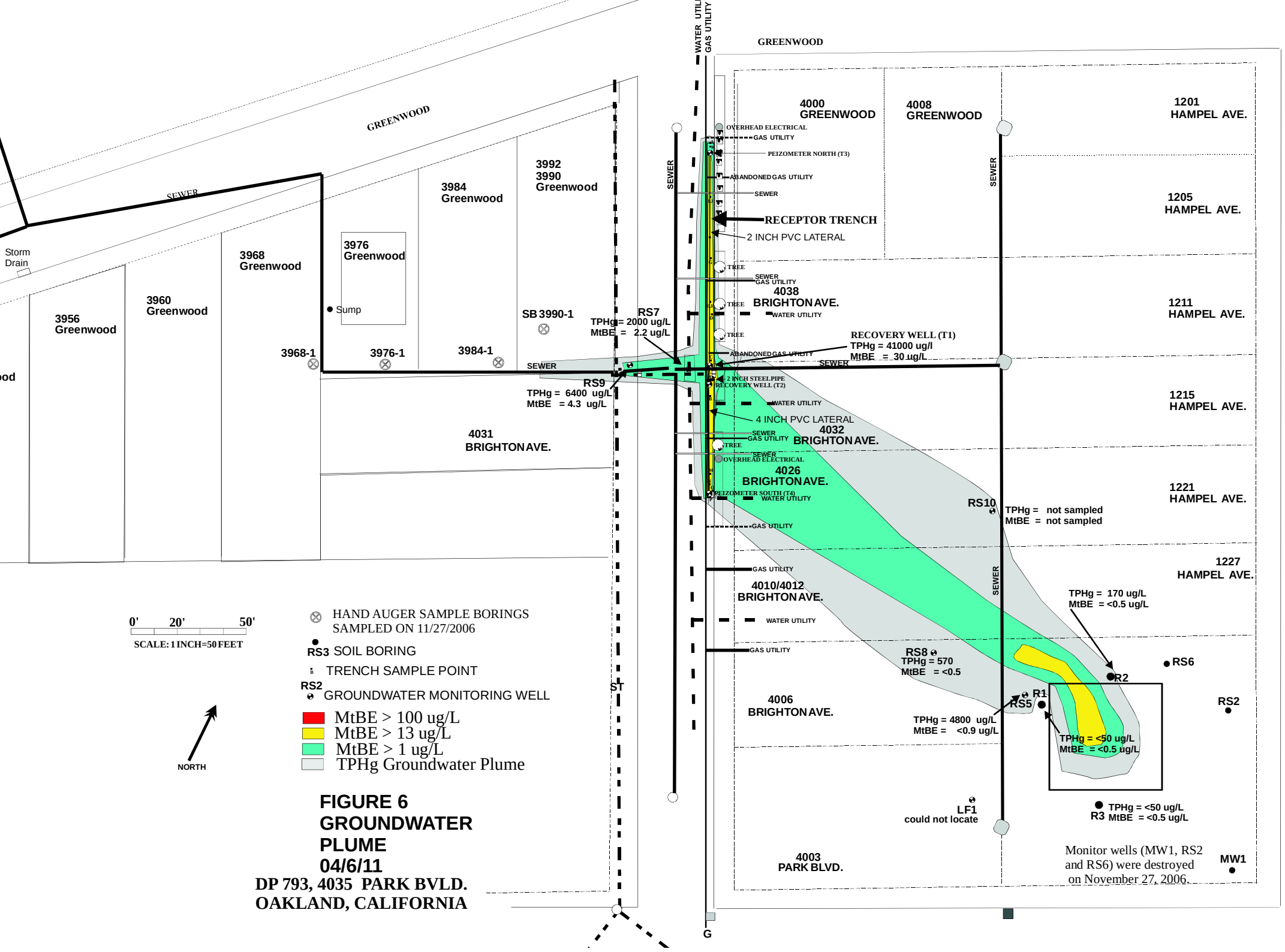
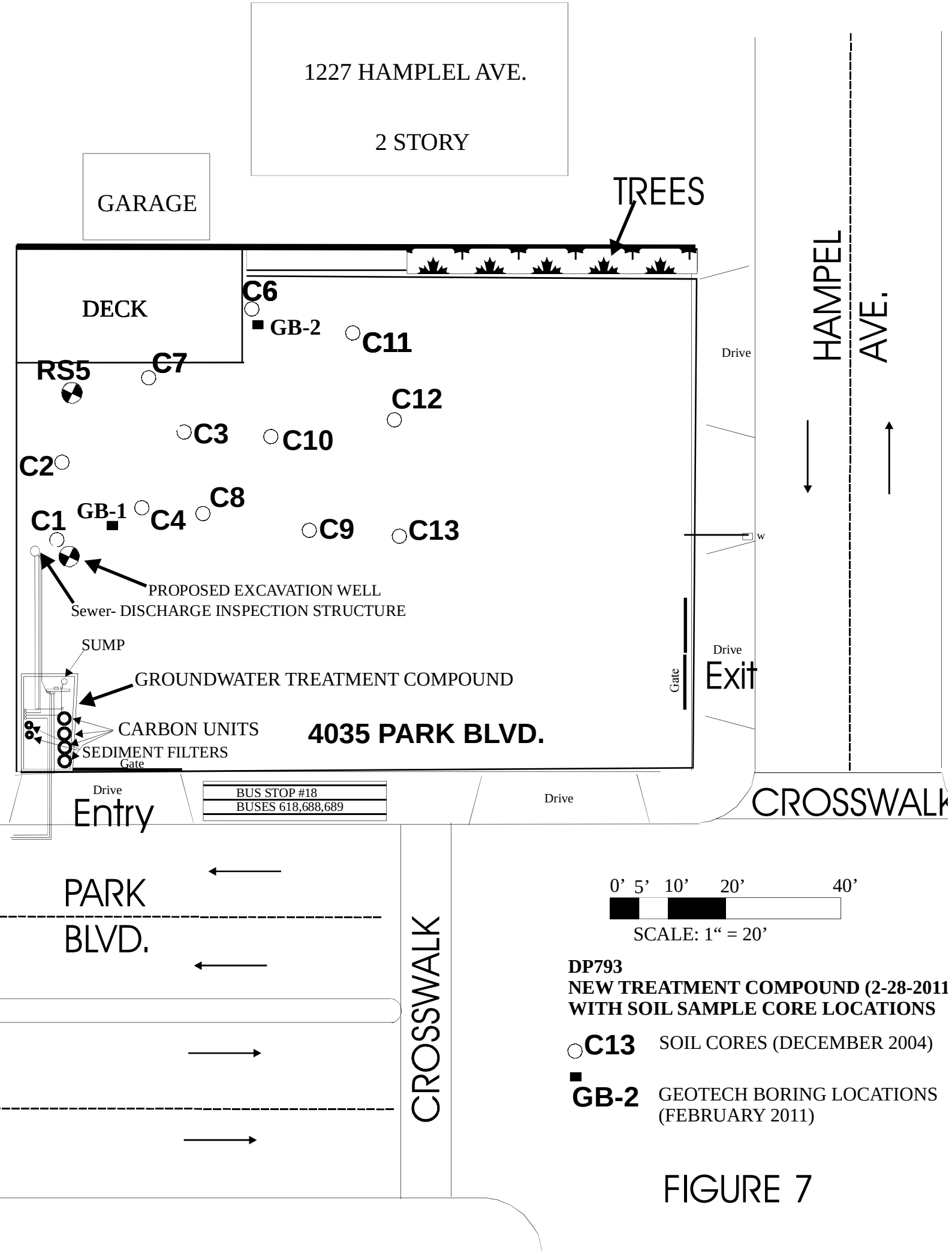


FIGURE 6
GROUNDWATER PLUME
04/6/11
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

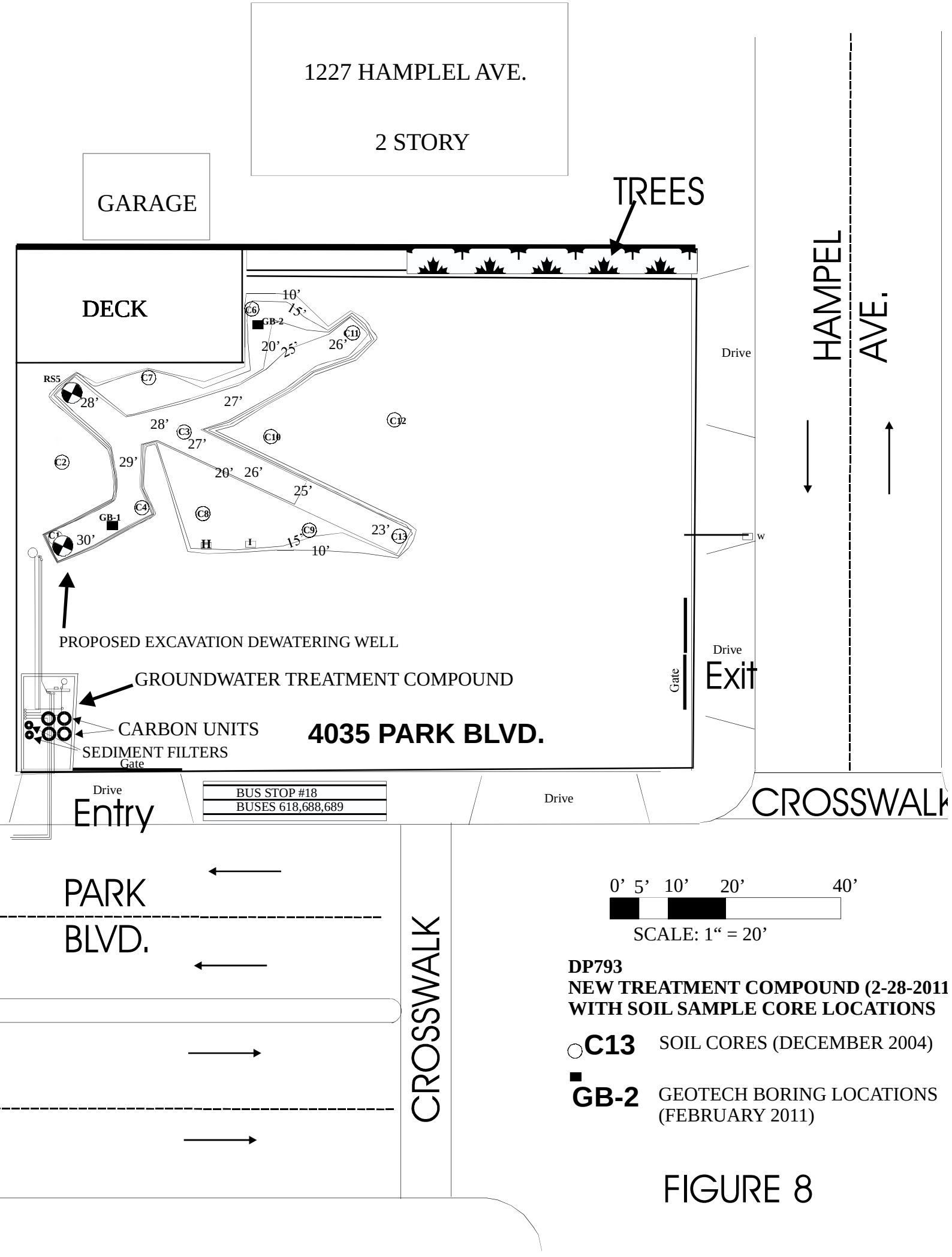


DP793
NEW TREATMENT COMPOUND (2-28-2011
WITH SOIL SAMPLE CORE LOCATIONS

C13 SOIL CORES (DECEMBER 2004)

GB-2 GEOTECH BORING LOCATIONS (FEBRUARY 2011)

FIGURE 7



DP793
NEW TREATMENT COMPOUND (2-28-2011
WITH SOIL SAMPLE CORE LOCATIONS

○ **C13** SOIL CORES (DECEMBER 2004)

■ **GB-2** GEOTECH BORING LOCATIONS (FEBRUARY 2011)

FIGURE 8

APPENDIX A.

METHODS AND PROCEDURES, QA/QC

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

Gauging and Measuring Monitor Wells.

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

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

Purging Standing Water from Monitor Wells

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

Collection of Water Sample for Analysis After Purging Well

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

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

Collection of Water Sample for Analysis From Pumping Well

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

The vials or bottles containing the ground water samples are labeled with site name, station, date, time, sampler, and analyses to be performed, and documented on a chain of custody form. They were placed in ziplock bags and stored in a chest cooled to 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
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 **April 6, 2011** START TIME

WELL ID# **RS05** SAMPLE BY **CONVERSE**

CASING ELEVATION, IN FEET **227.61** WATER COLUMN, IN FEET 26.6

CASING TOTAL DEPTH, IN FEET **39.20** G/L PURGE ONE CASING VOLUME 17.29 G

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

DEPTH TO TOP OF FLUID 12.62 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 12.62 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)

TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS

PUMP TYPE Grundfoss 4" submersible PUMP RATE

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

(Margin calculation: 26.6 × .65 = 1330 / 1596 / 17290)

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.)
	4.8 ~~gls~~		pumping well						
~~1600~~ 1630	25.0			19.1	~~[illegible]~~ 6.72	6.18	300		TPH odor

FINAL VOLUME PURGED

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

TIME SAMPLED ~~1630~~ 1630

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

SAMPLE ID# **RS05**

LABORATORY USED **KIFF Analytical**

NOTES

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **April 6, 2011** START TIME
WELL ID# **RS07** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **195.99** WATER COLUMN, IN FEET 2.9
CASING TOTAL DEPTH, IN FEET **7.0** G/L PURGE ONE CASING VOLUME 1.885
CASING DIAMETER IN INCHES **4"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 4.12 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 4.12 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
2.9
.65
14 5
17 4
1,8 85

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.)
1232			1 Bdg	15.1	6.56	839	410		Tr odor grey
1234			1gl	14.4	6.60	770	386		
1236			2gl	14.3	6.64	756	377		
1238			3gl	14.2	6.68	731	365		
12:40			4gl	14.1	6.66	716	356		
12:42			5gl	14.1	6.66	708	354		
							Dtw 4.20		

FINAL VOLUME PURGED 5.5 gl
TIME SAMPLED 12:42
SAMPLE ID# **RS07**
NOTES

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

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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

.165
11
165
165
1815

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD, OAKLAND, CA.**
DATE **April 6, 2011** START TIME
WELL ID# **RS08** SAMPLED BY **CONVERSE**
CASING ELEVATION, IN FEET **214.67** WATER COLUMN, IN FEET 10.9
CASING TOTAL DEPTH, IN FEET **14.5** G/L PURGE ONE CASING VOLUME 1.8gal
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 3.63 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 3.63 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~~ F	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
10:50			1 Bailer	56.0	6.38	745	571	—	No odor SI Turbid
10:55			1 gal	56.1	6.42	744	572	—	S
10:57			2 gal	56.3	6.40	760	379	—	
11:00			3 gal	56.6	6.39	763	381	—	
11:02			4 gal	56.5	6.40	7.72	386		
11:04			5 gal	56.6	6.42	767	383		
11:07			6 gal	56.9	6.43	746	373		
							DTW= 9.8'		

FINAL VOLUME PURGED 6.25 gal
TIME SAMPLED 1110
SAMPLE ID# **RS08**
NOTES

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

WESTERN GEO-ENGINEERS
-WEGE-
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 **April 6, 2011** START TIME

WELL ID# **RS09** SAMPLE BY **CONVERSE**

CASING ELEVATION, IN FEET **195.63** WATER COLUMN, IN FEET 10.8

CASING TOTAL DEPTH, IN FEET **15.50** G/L PURGE ONE CASING VOLUME 1.8 gls

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

DEPTH TO TOP OF FLUID 4.72 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 4.72 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**

(Margin calculation: 4, 10.8, .165, 540, 648, 108, 1.7720)

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.)
11:50			1 Bailer	15.0	6.60	875	428	—	rental odor to heavy
12:0?			1 gl	14.5	6.62	833	[illegible]		water ... no odor
12:05			2 gl	14.5	6.58	810	405		
12:08			3 gl	14.6	6.55	782	390		
12:10			4 gl	14.8	6.58	797	398		
12:13			5 gl	14.9	6.59	805	403		
						DTW =		8.40	

FINAL VOLUME PURGED 5.5 gls ANALYSIS INCLUDES: **8260B TPHg, BTEX, MtBE**

TIME SAMPLED 12:15 SAMPLE CONTAINERS **3-HCl PRESERVED 40CC VOA'S**

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

NOTES

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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 **April 6, 2011** START TIME
WELL ID# **RS10** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **208.46** WATER COLUMN, IN FEET 5.44
CASING TOTAL DEPTH, IN FEET **9.78'** G/L PURGE ONE CASING
VOLUME 0.9gal
CASING DIAMETER IN INCHES **2"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 2.34 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 2.34 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.)
	Lost Baker down hole - will need								
	fishing tool			No sample					

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

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@aol.net

6
6.9
1.47
483
268
69
6063
6.9
16
34 5
4 4
6
7685

WELL SAMPLE DATA SHEET

SITE DP 793, 4035 PARK BLVD., OAKLAND, CA.
DATE April 6, 2011 START TIME
WELL ID# R1 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET 227.69 WATER COLUMN, IN FEET 6.9
CASING TOTAL DEPTH, IN FEET 16.80 G/L PURGE ONE CASING VOLUME 10 gls
CASING DIAMETER IN INCHES 6" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 9.9 4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 9.9 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.)
1510			1 Gals	14.9	6.52	275	137		clear no color
1515			2 gl	14.5	6.51	254	127		}
1519			5 gls	14.6	6.54	255	127		}
1527			10 gls	14.6	6.56	250	125		}
1534			15 gls	14.6	6.56	247	123		}
							DTW =		10.25

FINAL VOLUME PURGED 15.5 gls
ANALYSIS INCLUDES: 8260B TPHg, BTEX, MtBE
TIME SAMPLED 1535
SAMPLE CONTAINERS 3-HCl PRESERVED 40CC VOA'S
SAMPLE ID# R1
LABORATORY USED KIFF Analytical
NOTES

-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

3 4
1.47
7.7
10 29
1029
11.3 1 9

WELL SAMPLE DATA SHEET

SITE **DP 793, 4035 PARK BLVD., OAKLAND, CA.**
DATE **April 6, 2011** START TIME
WELL ID# **R2** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.28** WATER COLUMN, IN FEET 7.7
CASING TOTAL DEPTH, IN FEET **16.92** G/L PURGE ONE CASING VOLUME 11.3 gal
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 9.15 4" = 2.46 L/FT 4 INCH = 0.65 gl/ FT
6" = 5.56 L/FT 6 INCH = 1.47 gl/FT)
DEPTH TO TOP OF WATER 9.15 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE **Hand Bail** PUMP RATE
DTW METER USED **SOLINST MODEL 122** pH, Cond, Temp meter used **HANNA HI 99130**

TIME	INTAKE DEPTH	RATE GPM/ ~~LPM~~	CUM. VOL GAL. ~~LITERS~~	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
1436			1 Bailer	17.7	6.24	837	422		Clear no odor
1440			2 gl	16.6	6.31	816	423		
1444			5 gl	16.4	6.31	833	412		
1452			10 gls	16.3	6.33	830	417		
1500			15 gl	16.2	6.34	830	418		
							DTW = 9.25'		

FINAL VOLUME PURGED 15.5 gl
TIME SAMPLED 1500
SAMPLE ID# **R2**
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 **April 6, 2011** START TIME
WELL ID# **R3** SAMPLE BY **CONVERSE**
CASING ELEVATION, IN FEET **227.25** WATER COLUMN, IN FEET 6.24
CASING TOTAL DEPTH, IN FEET **11.74** G/L PURGE ONE CASING VOLUME 9.0
CASING DIAMETER IN INCHES **6"** (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 5.50 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 5.50 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**

6.2
1.47
434
248
2
9.1 1 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.)
1350			1 Bailer	15.3	6.98	391	190		no odor clear
1355			1 gl	16.2	6.98	424	208		
1400			2 gls	15.9	7.0	411	200		
1403			5 gl	15.9	7.02	411	205		
1410			10 gls	16.1	6.99	424	211		
1420			15 gl	15.7	7.00	420	210		
							DTW = 5.52'		

FINAL VOLUME PURGED 16 gl
TIME SAMPLED 14:23
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 April 6, 2011 START TIME
WELL ID# RECEPTOR TRENCH T1, T2, T3, T4 SAMPLE BY CONVERSE
CASING ELEVATION, IN FEET T1=195.11 WATER COLUMN, IN FEET
CASING TOTAL DEPTH, IN FEET 14.5 G/L PURGE ONE CASING VOLUME
CASING DIAMETER IN INCHES 4" (CASING MULTIPLIERS: 2 INCH = 0.165 gl/ FT
DEPTH TO TOP OF FLUID 2.0 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 2.0 FT^3 WATER 7.48 GALLONS (G)/28.3 LITERS(L)
TOP OF WATER ELEVATION FREE PHASE PRODUCT THICKNESS
PUMP TYPE Grundfoss 4" submersible PUMP RATE
DTW METER USED SOLINST MODEL 122 pH, Cond. Temp meter used HANNA HI 99130

TIME	INTAKE DEPTH	RATE GPM/ LPM	CUM. VOL GAL. LITERS	TEMP (°C)	pH (units)	Specific Electrical Conductance (uS/cm)	Total Dissolved Solids (ppm)	Dissolved Oxygen (mg/L)	Remarks (color, odor, etc.)
gallons		pump	cell						
1720				20.9	6.61	1052	523	—	TPHg odor
1730		sample							

FINAL VOLUME PURGED
TIME SAMPLED 1812
SAMPLE ID# T1
NOTES

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

FORMER DESERT PETROLEUM SITE DP 795

4055 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 4-6-11 REASON FOR SITE VISIT Start up pump/Heat T1 RS5 & Semi Annual Sample

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 16:45 Totalizer @ Sewer 2 0602847.0 RS5 = 77.5 T1 = 229.0

ELECTRIC METER 0

#52128213 RS05 WATER METER 000004.8
#52128236 T1 WATER METER 137.0
#82773286 discharge WATER METER 0602719.3

SAMPLE(s) Sewer Discharge

SITE MONITORED BY: Clarence

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT
RS5 FLOW RATE 1 GALLONS/ 1 MINUTES
T1 FLOW RATE 2.5 GALLONS/ 1 MINUTES
T2 FLOW RATE ____ GALLONS/____ MINUTES

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 3.5 PSI, #2 0 PSI,
#3 0 #4 0 = Inline

WATER PHASE CARBON UNITS INSPECTION COMMENTS Good Run

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 795

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 4-10-11

REASON FOR SITE VISIT Check for leaks

TIME	TRENCH WELL T1 PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2 PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3 PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4 PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS carbon fittings leaking/sump pump stalled - no leakage from compound. Turn off all pumps & restart sump pump after cleaning. Seepage along Brighton Ave. will walk manhole. The Park/Brighton - no cuts @ T4 no water

ELECTRIC METER ______

2:30 RS05 WATER METER 6146.2

2:30 T1 WATER METER 7063.8

20K discharge WATER METER 06158416.3

SAMPLE(s None.

SITE MONITORED BY: Converse

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

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

GALLONS PURGED ______
GALLONS PURGED ______

PRESSURE WATER CARBONS #1 6 PSI, #2 0 PSI, #3 0 #4 0

WATER PHASE CARBON UNITS INSPECTION COMMENTS good - tighten hose clamps

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 OP 793

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

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

DATE 4-13-11 REASON FOR SITE VISIT Install Pressure G/Flow meter to T@ T1 Robot system

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 Rain event

ELECTRIC METER 71/72
12:20

RS05 WATER METER 6157.7 / 6171.5 12:20

T1 WATER METER 7069.5 / 7135.0

discharge WATER METER 615850.0 / 615945.0
11:30

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

SAMPLE(s) No

SITE MONITORED BY: Contractor

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

GALLONS PURGED ____
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 3.2 PSI, #2 0 PSI,
#3 0 #4 0

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

T1 flow Pressure
27 PSI = 5 GPM
24 PSI = 2.7 GPM @ 2 PSI

Sensor 4.4

RS5 1.5 fills @ 10 PSI
0.8 @ 8 PSI

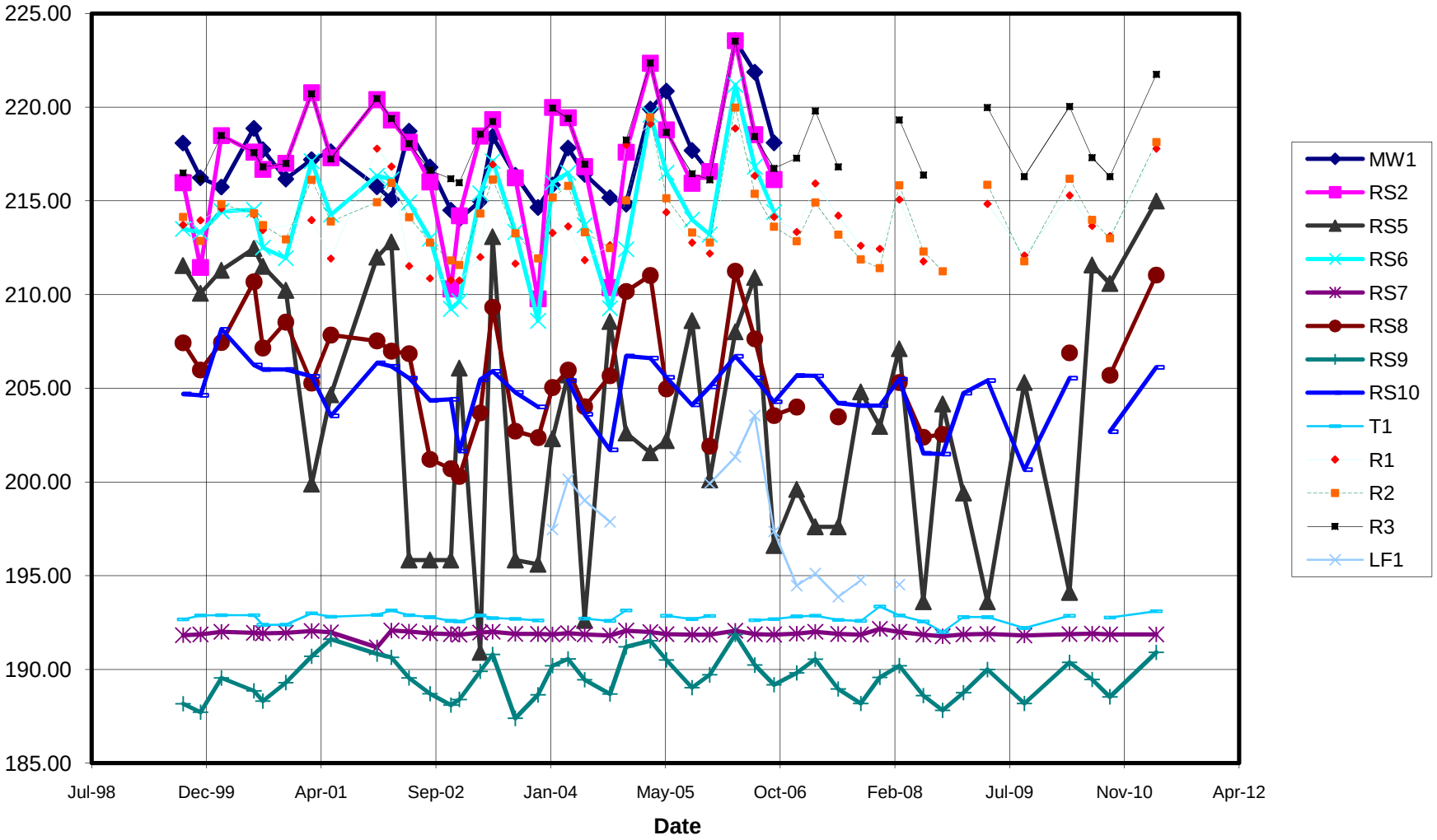
fills T1 0 fills RS5 8
T1 well 24 PSI
Total 3.3 PSI

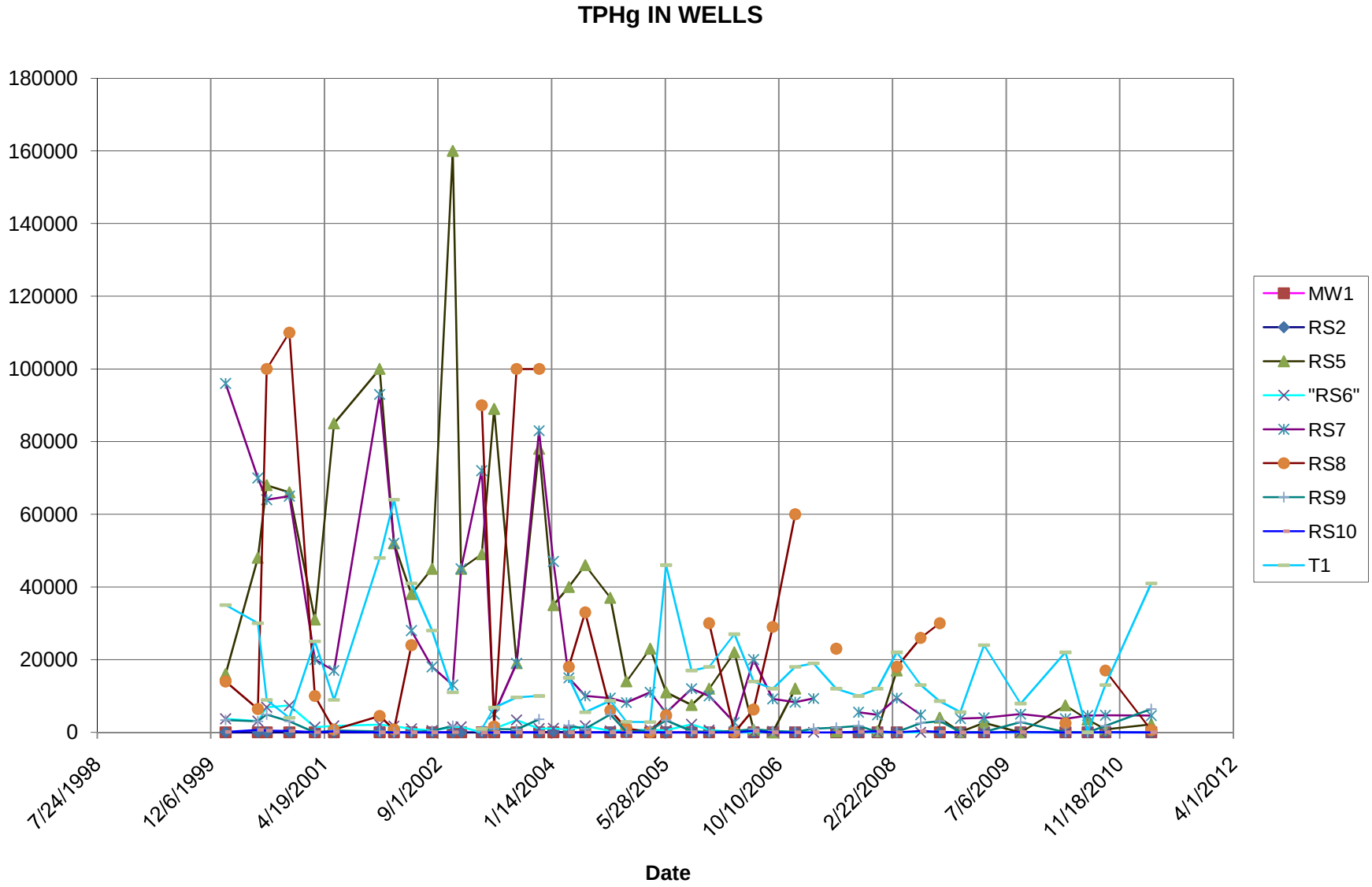
$ 621,019
6 170.5
1,627,189

APPENDIX B.

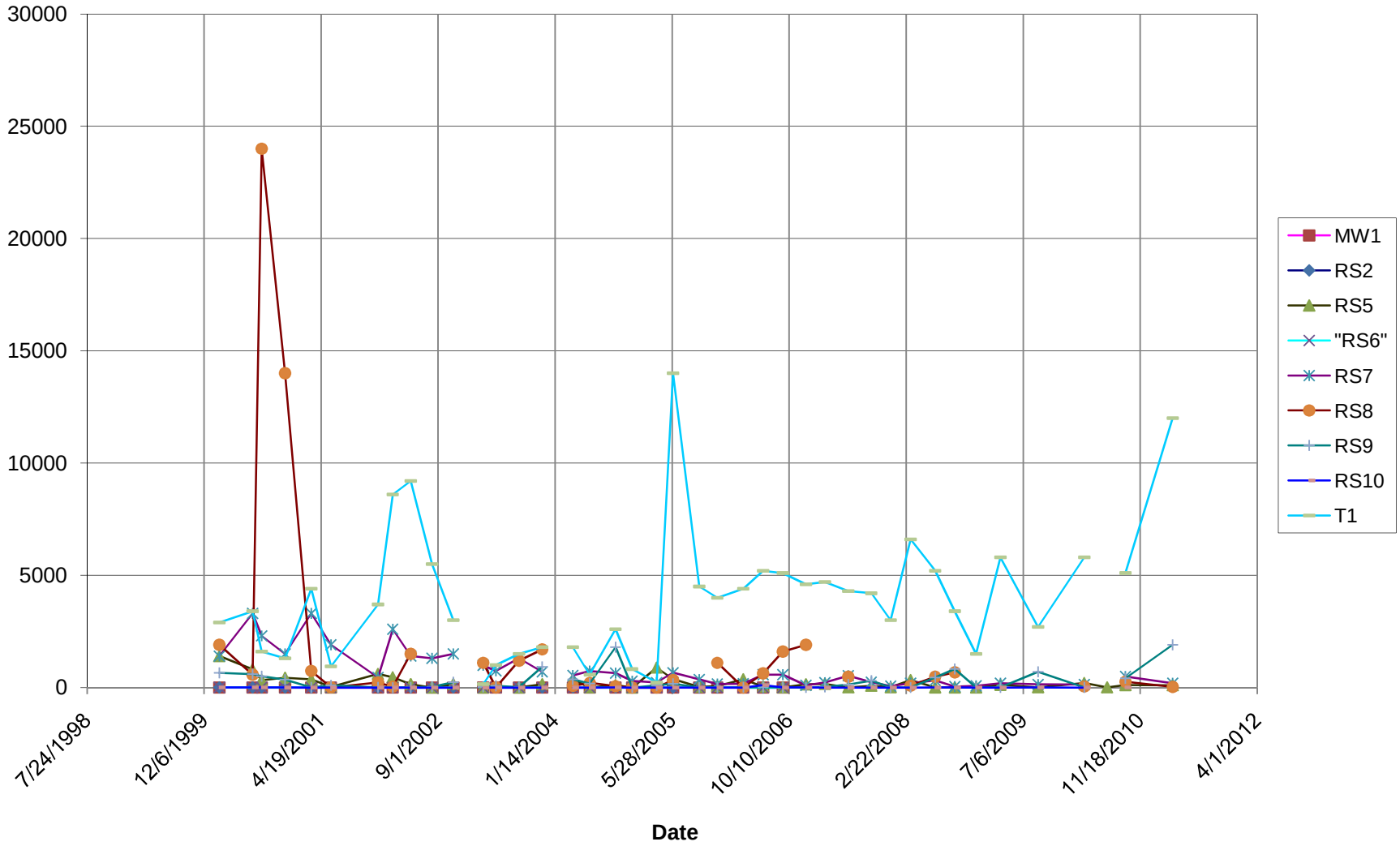
GROUNDWATER ELEVATION CHART
TPHg, Benzene & MtBE IN WELLS CHARTS

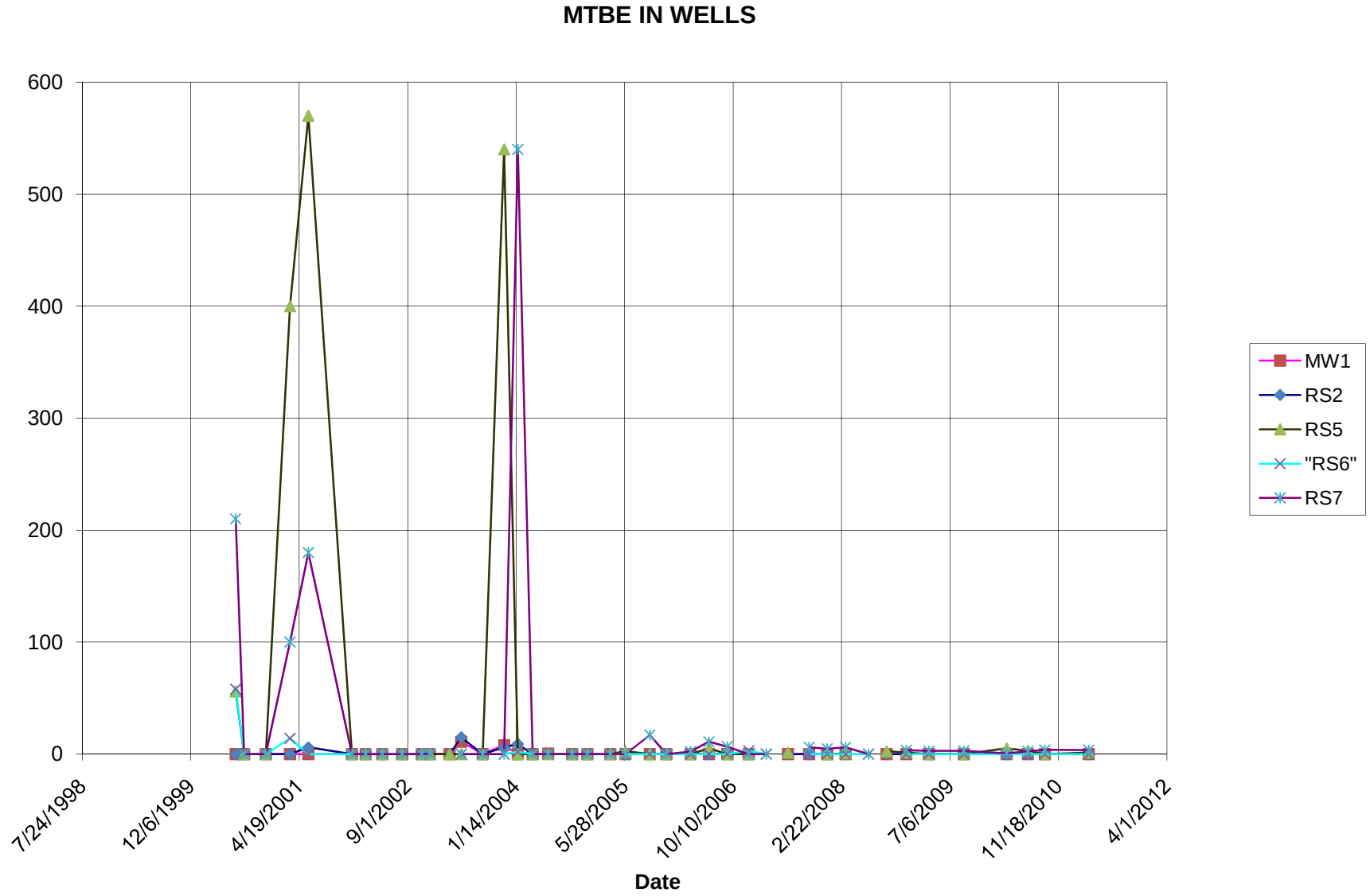
Groundwater Elevation




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

BENZENE IN WELLS




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

APPENDIX C.

LABORATORY REPORTS

KIFF Analytical LLC

Report Number : 76194
Date : 01/28/2011

Laboratory Results

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

Subject : 2 Soil Samples
Project Name : DP793
Project Number : Soil-Jan.2011

Dear Mr. Converse,

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 76194
Date : 01/28/2011

Project Name : **DP793**
Project Number : **Soil-Jan.2011**

Sample : **GB 1-15** Matrix : Soil Lab Number : 76194-01
Sample Date :01/24/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/26/11 00:41
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/26/11 00:41
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/26/11 00:41
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/26/11 00:41
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/26/11 00:41
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	01/26/11 00:41
1,2-Dichloroethane-d4 (Surr)	106		% Recovery	EPA 8260B	01/26/11 00:41
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	01/26/11 00:41

KIFF Analytical LLC

Report Number : 76194
Date : 01/28/2011

Project Name : **DP793**
Project Number : **Soil-Jan.2011**

Sample : **GB 2-17.5** Matrix : Soil Lab Number : 76194-02
Sample Date :01/24/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.050	0.050	mg/Kg	EPA 8260B	01/26/11 02:25
Toluene	< 0.050	0.050	mg/Kg	EPA 8260B	01/26/11 02:25
Ethylbenzene	**9.2**	0.050	mg/Kg	EPA 8260B	01/26/11 02:25
Total Xylenes	**11**	0.050	mg/Kg	EPA 8260B	01/26/11 02:25
Methyl-t-butyl ether (MTBE)	< 0.050	0.050	mg/Kg	EPA 8260B	01/26/11 02:25
TPH as Gasoline	**720**	15	mg/Kg	EPA 8260B	01/26/11 11:37
1,2-Dichloroethane-d4 (Surr)	90.8		% Recovery	EPA 8260B	01/26/11 02:25
Toluene - d8 (Surr)	92.7		% Recovery	EPA 8260B	01/26/11 02:25
2-Bromochlorobenzene (Surr)	94.7		% Recovery	EPA 8260B	01/26/11 02:25

Report Number : 76194

Date : 01/28/2011

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **Soil-Jan.2011**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/25/2011
Ethylbenzene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/25/2011
Toluene	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/25/2011
Total Xylenes	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/25/2011
Methyl-t-butyl ether (MTBE)	< 0.0050	0.0050	mg/Kg	EPA 8260B	01/25/2011
TPH as Gasoline	< 1.0	1.0	mg/Kg	EPA 8260B	01/25/2011
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	01/25/2011
Toluene - d8 (Surr)	99.6		%	EPA 8260B	01/25/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

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

Report Number : 76194

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 01/28/2011

Project Name : **DP793**

Project Number : **Soil-Jan.2011**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	76190-02	<0.0050	0.0396	0.0393	0.0322	0.0341	mg/Kg	EPA 8260B	1/25/11	81.2	86.8	6.69	67.9-120	25
Ethylbenzene														
	76190-02	<0.0050	0.0396	0.0393	0.0337	0.0367	mg/Kg	EPA 8260B	1/25/11	85.2	93.4	9.21	65.5-127	25
Methyl-t-butyl ether														
	76190-02	<0.0050	0.0395	0.0392	0.0394	0.0326	mg/Kg	EPA 8260B	1/25/11	99.9	83.2	18.2	57.0-122	25
P + M Xylene														
	76190-02	<0.0050	0.0396	0.0393	0.0344	0.0382	mg/Kg	EPA 8260B	1/25/11	86.8	97.3	11.5	62.5-124	25
Toluene														
	76190-02	<0.0050	0.0396	0.0393	0.0320	0.0340	mg/Kg	EPA 8260B	1/25/11	80.8	86.4	6.76	65.7-120	25

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793**

Project Number : **Soil-Jan.2011**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0394	mg/Kg	EPA 8260B	1/25/11	95.7	67.9-120
Ethylbenzene	0.0394	mg/Kg	EPA 8260B	1/25/11	98.0	65.5-127
Methyl-t-butyl ether	0.0392	mg/Kg	EPA 8260B	1/25/11	94.9	57.0-122
P + M Xylene	0.0394	mg/Kg	EPA 8260B	1/25/11	95.0	62.5-124
Toluene	0.0394	mg/Kg	EPA 8260B	1/25/11	95.5	65.7-120

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

KIFF Analytical LLC

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

SRG # / Lab No. 76194

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Centeno

California EDF Report? ☒ Yes ☐ No

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

Sampling Company Log Code:

Phone Number: 530 668 5300

Global ID:

Fax Number:

EDF Deliverable To (Email Address):

Project #: Soil - Jan. 2011

P.O. #:

Bill to: Paid Ch# ~~7148~~ 9250

Project Name: DP793

Sampler Print Name: George Centeno

Sampler Signature:

Project Address: Oakland

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Container: Other	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Ice	Preservative: Other	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix: Other	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)					TAT: 12 hr	TAT: 24 hr	TAT: 48hr	TAT: 72hr	TAT: 1 wk	For Lab Use Only
																		CIRCLE METHOD																												
GB 1-15	1-24-11	945		1									X			X		X	X	X																							1wk	-01
GB 2-17.5	"	Noon		1									X			X		X	X	X																							"	-02

Relinquished by:	Date	Time	Received by:
	1-24-11	1705	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	012411	1705	K.F. Analytical

Remarks: $110.00/100 Paid by Ch# 9250 - 012411

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER: OA (Initials)

SRG#: 76194 Date: 6/24/11

Project ID: DP 793

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 5.8 Therm. ID# IR-1 Initial OA Date/Time 0/24/11/1705 ☐ N/A

Are there custody seals on sample containers? IR-1 ☐ 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 Soil Container type Sleeve # of containers received 2

Matrix _____ Container type _____ # of containers received _____

Matrix _____ Container type _____ # of containers received _____

Date and Time Sample Put into Temp Storage Date: 0/24/11 Time: 1705

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:

KIFF Analytical LLC

Report Number : 77028
Date : 04/13/2011

Laboratory Results

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

Subject : 8 Water Samples
Project Name : DP793
Project Number : April 2011

Dear Mr. Converse,

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 77028
Date : 04/13/2011

Project Name : **DP793**
Project Number : **April 2011**

Sample : **RS05** Matrix : Water Lab Number : 77028-01
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**100**	0.90	ug/L	EPA 8260B	04/11/11 12:46
Toluene	**31**	0.90	ug/L	EPA 8260B	04/11/11 12:46
Ethylbenzene	**200**	0.90	ug/L	EPA 8260B	04/11/11 12:46
Total Xylenes	**370**	0.90	ug/L	EPA 8260B	04/11/11 12:46
Methyl-t-butyl ether (MTBE)	< 0.90	0.90	ug/L	EPA 8260B	04/11/11 12:46
TPH as Gasoline	**4800**	90	ug/L	EPA 8260B	04/11/11 12:46
1,2-Dichloroethane-d4 (Surr)	95.0		% Recovery	EPA 8260B	04/11/11 12:46
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	04/11/11 12:46

Sample : **RS07** Matrix : Water Lab Number : 77028-02
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**190**	1.5	ug/L	EPA 8260B	04/07/11 23:40
Toluene	**3.7**	1.5	ug/L	EPA 8260B	04/07/11 23:40
Ethylbenzene	**46**	1.5	ug/L	EPA 8260B	04/07/11 23:40
Total Xylenes	**17**	1.5	ug/L	EPA 8260B	04/07/11 23:40
Methyl-t-butyl ether (MTBE)	**2.2**	1.5	ug/L	EPA 8260B	04/07/11 23:40
TPH as Gasoline	**2000**	150	ug/L	EPA 8260B	04/07/11 23:40
1,2-Dichloroethane-d4 (Surr)	98.4		% Recovery	EPA 8260B	04/07/11 23:40
Toluene - d8 (Surr)	89.8		% Recovery	EPA 8260B	04/07/11 23:40

KIFF Analytical LLC

Report Number : 77028
Date : 04/13/2011

Project Name : **DP793**
Project Number : **April 2011**

Sample : **RS08** Matrix : Water Lab Number : 77028-03
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**29**	0.50	ug/L	EPA 8260B	04/08/11 12:01
Toluene	**0.56**	0.50	ug/L	EPA 8260B	04/08/11 12:01
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 12:01
Total Xylenes	**6.2**	0.50	ug/L	EPA 8260B	04/08/11 12:01
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 12:01
TPH as Gasoline	**570**	50	ug/L	EPA 8260B	04/08/11 12:01
1,2-Dichloroethane-d4 (Surr)	96.6		% Recovery	EPA 8260B	04/08/11 12:01
Toluene - d8 (Surr)	97.2		% Recovery	EPA 8260B	04/08/11 12:01

Sample : **RS09** Matrix : Water Lab Number : 77028-04
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**1900**	5.0	ug/L	EPA 8260B	04/08/11 12:47
Toluene	**6.6**	0.90	ug/L	EPA 8260B	04/07/11 23:06
Ethylbenzene	**20**	0.90	ug/L	EPA 8260B	04/07/11 23:06
Total Xylenes	**83**	0.90	ug/L	EPA 8260B	04/07/11 23:06
Methyl-t-butyl ether (MTBE)	**4.3**	0.90	ug/L	EPA 8260B	04/07/11 23:06
TPH as Gasoline	**6400**	90	ug/L	EPA 8260B	04/07/11 23:06
1,2-Dichloroethane-d4 (Surr)	88.5		% Recovery	EPA 8260B	04/07/11 23:06
Toluene - d8 (Surr)	80.7		% Recovery	EPA 8260B	04/07/11 23:06

KIFF Analytical LLC

Report Number : 77028
Date : 04/13/2011

Project Name : **DP793**
Project Number : **April 2011**

Sample : **T1** Matrix : Water Lab Number : 77028-05
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**12000**	25	ug/L	EPA 8260B	04/08/11 13:21
Toluene	**3000**	15	ug/L	EPA 8260B	04/08/11 04:19
Ethylbenzene	**1200**	15	ug/L	EPA 8260B	04/08/11 04:19
Total Xylenes	**3300**	15	ug/L	EPA 8260B	04/08/11 04:19
Methyl-t-butyl ether (MTBE)	**30**	15	ug/L	EPA 8260B	04/08/11 04:19
TPH as Gasoline	**41000**	1500	ug/L	EPA 8260B	04/08/11 04:19
1,2-Dichloroethane-d4 (Surr)	92.0		% Recovery	EPA 8260B	04/08/11 04:19
Toluene - d8 (Surr)	88.7		% Recovery	EPA 8260B	04/08/11 04:19

Sample : **R1** Matrix : Water Lab Number : 77028-06
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/07/11 20:45
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/07/11 20:45
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/07/11 20:45
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/07/11 20:45
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/07/11 20:45
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/07/11 20:45
1,2-Dichloroethane-d4 (Surr)	96.0		% Recovery	EPA 8260B	04/07/11 20:45
Toluene - d8 (Surr)	91.9		% Recovery	EPA 8260B	04/07/11 20:45

KIFF Analytical LLC

Report Number : 77028
Date : 04/13/2011

Project Name : **DP793**
Project Number : **April 2011**

Sample : **R2** Matrix : Water Lab Number : 77028-07
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	**16**	0.50	ug/L	EPA 8260B	04/08/11 13:33
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 13:33
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 13:33
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 13:33
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 13:33
TPH as Gasoline	**170**	50	ug/L	EPA 8260B	04/08/11 13:33
1,2-Dichloroethane-d4 (Surr)	97.4		% Recovery	EPA 8260B	04/08/11 13:33
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	04/08/11 13:33

Sample : **R3** Matrix : Water Lab Number : 77028-08
Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 14:05
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 14:05
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 14:05
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 14:05
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/11 14:05
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/08/11 14:05
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	04/08/11 14:05
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	04/08/11 14:05

Report Number : 77028

Date : 04/13/2011

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/07/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/07/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/07/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/07/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/07/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/07/2011
1,2-Dichloroethane-d4 (Surr)	98.4		%	EPA 8260B	04/07/2011
Toluene - d8 (Surr)	92.1		%	EPA 8260B	04/07/2011
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/08/2011
1,2-Dichloroethane-d4 (Surr)	95.4		%	EPA 8260B	04/08/2011
Toluene - d8 (Surr)	98.5		%	EPA 8260B	04/08/2011
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/11/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/11/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/11/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/11/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/11/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/11/2011
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	04/11/2011
Toluene - d8 (Surr)	100		%	EPA 8260B	04/11/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Toluene	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	04/08/2011
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/08/2011
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	04/08/2011
Toluene - d8 (Surr)	103		%	EPA 8260B	04/08/2011

KIFF ANALYTICAL, LLC

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

Report Number : 77028

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/13/2011

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	77028-06	<0.50	39.4	39.9	38.4	38.7	ug/L	EPA 8260B	4/7/11	97.2	96.9	0.342	80-120	25
Ethylbenzene														
	77028-06	<0.50	39.4	39.9	38.8	39.5	ug/L	EPA 8260B	4/7/11	98.3	99.0	0.782	80-120	25
Methyl-t-butyl ether														
	77028-06	<0.50	39.3	39.8	44.9	44.8	ug/L	EPA 8260B	4/7/11	114	113	1.39	69.7-121	25
P + M Xylene														
	77028-06	<0.50	39.4	39.9	38.9	39.4	ug/L	EPA 8260B	4/7/11	98.7	98.6	0.0361	76.8-120	25
Toluene														
	77028-06	<0.50	39.4	39.9	35.8	36.3	ug/L	EPA 8260B	4/7/11	90.6	90.9	0.346	80-120	25
Benzene														
	77028-03	29	39.9	39.4	66.5	67.0	ug/L	EPA 8260B	4/8/11	94.6	97.1	2.62	80-120	25
Ethylbenzene														
	77028-03	<0.50	39.9	39.4	43.1	44.1	ug/L	EPA 8260B	4/8/11	108	112	3.70	80-120	25
Methyl-t-butyl ether														
	77028-03	<0.50	39.8	39.2	35.9	38.5	ug/L	EPA 8260B	4/8/11	90.3	98.2	8.42	69.7-121	25
P + M Xylene														
	77028-03	2.6	39.9	39.4	42.7	43.8	ug/L	EPA 8260B	4/8/11	100	104	3.99	76.8-120	25

KIFF ANALYTICAL, LLC

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Toluene														
	77028-03	0.56	39.9	39.4	40.8	41.7	ug/L	EPA 8260B	4/8/11	101	104	3.44	80-120	25
Benzene														
	77036-01	<0.50	38.3	37.0	38.4	37.0	ug/L	EPA 8260B	4/11/11	100	100	0.140	80-120	25
Ethylbenzene														
	77036-01	<0.50	38.3	37.0	37.9	36.5	ug/L	EPA 8260B	4/11/11	98.8	98.8	0.0812	80-120	25
Methyl-t-butyl ether														
	77036-01	<0.50	38.2	36.8	39.3	37.8	ug/L	EPA 8260B	4/11/11	103	103	0.132	69.7-121	25
P + M Xylene														
	77036-01	<0.50	38.3	37.0	37.1	36.0	ug/L	EPA 8260B	4/11/11	96.8	97.3	0.460	76.8-120	25
Toluene														
	77036-01	<0.50	38.3	37.0	38.3	37.0	ug/L	EPA 8260B	4/11/11	100	100	0.0574	80-120	25
Benzene														
	77026-06	<0.50	40.0	40.0	41.6	39.5	ug/L	EPA 8260B	4/8/11	104	98.8	5.19	80-120	25
Ethylbenzene														
	77026-06	<0.50	40.0	40.0	43.6	40.8	ug/L	EPA 8260B	4/8/11	109	102	6.62	80-120	25
Methyl-t-butyl ether														
	77026-06	<0.50	39.9	39.9	38.8	38.3	ug/L	EPA 8260B	4/8/11	97.4	96.0	1.42	69.7-121	25

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
P + M Xylene														
	77026-06	<0.50	40.0	40.0	42.2	39.7	ug/L	EPA 8260B	4/8/11	105	99.2	6.02	76.8-120	25
Toluene														
	77026-06	<0.50	40.0	40.0	44.2	42.1	ug/L	EPA 8260B	4/8/11	110	105	4.93	80-120	25

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Date : 04/13/2011

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/7/11	96.7	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	4/7/11	100	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	4/7/11	112	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	4/7/11	100	76.8-120
Toluene	40.0	ug/L	EPA 8260B	4/7/11	91.5	80-120
Benzene	40.0	ug/L	EPA 8260B	4/8/11	103	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	4/8/11	110	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	4/8/11	95.4	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	4/8/11	103	76.8-120
Toluene	40.0	ug/L	EPA 8260B	4/8/11	104	80-120
Benzene	40.0	ug/L	EPA 8260B	4/11/11	100	80-120
Ethylbenzene	40.0	ug/L	EPA 8260B	4/11/11	100	80-120
Methyl-t-butyl ether	39.9	ug/L	EPA 8260B	4/11/11	107	69.7-121
P + M Xylene	40.0	ug/L	EPA 8260B	4/11/11	98.3	76.8-120
Toluene	40.0	ug/L	EPA 8260B	4/11/11	100	80-120
Benzene	40.1	ug/L	EPA 8260B	4/8/11	99.3	80-120
Ethylbenzene	40.1	ug/L	EPA 8260B	4/8/11	104	80-120
Methyl-t-butyl ether	40.0	ug/L	EPA 8260B	4/8/11	93.5	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	4/8/11	102	76.8-120

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Date : 04/13/2011

Project Name : **DP793**

Project Number : **April 2011**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
TPH as Gasoline	500	ug/L	EPA 8260B	4/8/11	97.8	70.0-130
Toluene	40.1	ug/L	EPA 8260B	4/8/11	106	80-120

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

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

SRG # / Lab No. 77028

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Comeau	California EDF Report? ☒ Yes ☐ No
Company / Address: WEGE / 1386 E Beamer St Woodland CA 95776	Sampling Company Log Code:
Phone Number: 530 668 5300	Global ID:
Fax Number:	EDF Deliverable To (Email Address):
Project #: April 2011 / P.O. #:	Bill to: Check # 9560
Project Name: DP793	Sampler Print Name: George Comeau
	Sampler Signature:

Project Address: Oakland

Sample Designation	Date	Time	Sampling	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Container:	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative:	Preservative:	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix:	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	W.E.T. Lead (STLC)					TAT: 1 wk	For Lab Use Only
RS05	4-6-11	1630		3						X									X	X	X																		01
RS07		1242																																					02
RS08		1110																																					03
RS09		1220																																					04
T1		1612																																					05
R1		1535																																					06
R2		1500																																					07
R3		1423																																					08

Relinquished by:	Date: 4-7-11	Time: 846	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 040711	Time: 0846	Received by Laboratory:

Remarks: Recd check # 9560 in the amount of $610.50 on 040711. JCS 0849

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER Initials: WS

SRG#: 17028 Date: 040711

Project ID: DP93

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

COC Inspection

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

Sample Inspection

Coolant Present: ☐ Yes ☐ No (includes water) Temperature °C 3.1 Therm. ID# IR-1 Initial WS Date/Time 040711 0843 ☐ N/A

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

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

Receipt Details

Matrix WA Container type Voa # of containers received 24

Matrix _____ Container type _____ # of containers received _____

Matrix _____ Container type _____ # of containers received _____

Date and Time Sample Put into Temp Storage Date: 040711 Time: 0946

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: No matrix on COC. LJR 040711-1751

O:\old_ed\samprec\Forms\Sample Receipt Checklist rev 051409.doc

KIFF Analytical LLC

Report Number : 77027
Date : 04/11/2011

Laboratory Results

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

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

Dear Mr. Converse,

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

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 77027
Date : 04/11/2011

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

Case Narrative

Per client request, one or more analytes was calibrated and analyzed using method EPA 624 that is not listed in the scope of that method.

KIFF Analytical LLC

Report Number : 77027

Date : 04/11/2011

Project Name : **DP793**

Project Number : **Sewer**

Sample : **Sewer** Matrix : Water Lab Number : 77027-01

Sample Date :04/06/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 624	04/11/11 15:32
Toluene	< 0.50	0.50	ug/L	EPA 624	04/11/11 15:32
Ethylbenzene	< 0.50	0.50	ug/L	EPA 624	04/11/11 15:32
Total Xylenes	< 0.50	0.50	ug/L	EPA 624	04/11/11 15:32
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 624	04/11/11 15:32
Toluene - d8 (Surr)	101		% Recovery	EPA 624	04/11/11 15:32

Report Number : 77027

Date : 04/11/2011

QC Report : Method Blank Data

Project Name : **DP793**

Project Number : **Sewer**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 624	04/11/2011
Ethylbenzene	< 0.50	0.50	ug/L	EPA 624	04/11/2011
Toluene	< 0.50	0.50	ug/L	EPA 624	04/11/2011
Total Xylenes	< 0.50	0.50	ug/L	EPA 624	04/11/2011
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 624	04/11/2011
Toluene - d8 (Surr)	102		%	EPA 624	04/11/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

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

Report Number : 77027

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 04/11/2011

Project Name : **DP793**

Project Number : **Sewer**

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														
	77040-02	<0.50	40.0	40.0	41.7	39.6	ug/L	EPA 624	4/11/11	104	99.0	5.07	37.0-151	25
Ethylbenzene														
	77040-02	<0.50	40.0	40.0	42.9	42.0	ug/L	EPA 624	4/11/11	107	105	2.07	37.0-162	25
P + M Xylene														
	77040-02	<0.50	40.0	40.0	39.9	39.0	ug/L	EPA 624	4/11/11	99.8	97.4	2.39	70.0-130	25
Toluene														
	77040-02	<0.50	40.0	40.0	42.0	40.6	ug/L	EPA 624	4/11/11	105	102	3.18	47.0-150	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 : **Sewer**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 624	4/11/11	102	37.0-151
Ethylbenzene	40.0	ug/L	EPA 624	4/11/11	106	37.0-162
P + M Xylene	40.0	ug/L	EPA 624	4/11/11	98.5	70.0-130
Toluene	40.0	ug/L	EPA 624	4/11/11	105	47.0-150

KIFF ANALYTICAL, LLC

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

KIFF Analytical LLC

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

SRG # / Lab No. 77027

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Conversa	California EDF Report? ☒ Yes ☐ No
Company / Address: WEGE / 1386 E Bramer St Woodland CA 95776	Sampling Company Log Code:
Phone Number: 530 668 5300	Global ID:
Fax Number:	EDF Deliverable To (Email Address):
Project #: Sewer ~~DP-793~~	P.O. #:
Bill to: Pd w/check # 9560	
Project Name: DP793	Sampler Print Name: George Conversa
	Sampler Signature:

Project Address:	Sampling		Container					Preservative					Matrix			
Oakland																
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None			Water	Soil	Air	
Sewer	4/6/11		3					X					X			

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)	8021B (BTEX)				TAT	For Lab Use Only
																X					☐ 12 hr ☐ 24 hr ☒ ~~48hr~~ ☐ 72hr ☐ 1 wk	01

Relinquished by:	Date	Time	Received by:
	4-7-11	8:42	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	040711	0842	Kiff Analytical

Remarks: Received check # 9560 for $610.50 on 040711. EAS 0842

Page 1 of 1

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

KIFF Analytical LLC

SAMPLE RECEIPT CHECKLIST

RECEIVER Initials: EAS

SRG#: 77027 Date: 040711

Project ID: DP793

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

COC Inspection

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

Sample Inspection

Coolant Present: ☑ Yes ☐ No (includes water)

Temperature °C 3.1 Therm. ID# IR-1 Initial EAS Date/Time 040711 0843 ☐ 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 NA Container type Jar # of containers received 3

Matrix _____ Container type _____ # of containers received _____

Matrix _____ Container type _____ # of containers received _____

Date and Time Sample Put into Temp Storage Date: 040711 Time: 0842

Quicklog

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

COMMENTS:

APPENDIX D.

Correspondence from Alameda County Health

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

September 8, 2010

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

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

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

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

Subject: Notice to Comply for Fuel Leak Case No. RO0000429 and Geotracker Global ID T0600100158, Desert Petroleum Site DP793, 4035 Park Boulevard, Oakland, CA 94602

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

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced fuel leak case including the most recently submitted document entitled, *"Update Status Report,"* dated July 19, 2010. The Status Report, which was prepared on your behalf by Western Geo-Engineers, indicates that pumping of on-site well RS-5 has been suspended and the submersible pump, pump controller, and water totalizing meter removed from the site. Pumping from RS-5 had influenced off-site water levels and may have been effective in reducing off-site impacts. Pumping from RS-5 was suspended without ACEH approval or concurrence and does not appear to be justified. We request that you reinstall the equipment and resume pumping of RS-5 with treatment and discharge to the sanitary sewer no later than November 18, 2010 as shown in the Compliance Schedule below.

Construction of a treatment compound along an underground sewer lateral to allow continued pumping from wells T1 and T2 in the receptor trench beneath Brighton Avenue was proposed in a Work Plan dated February 13, 2006 and approved by ACEH in correspondence dated April 4, 2006. ACEH has provided several deadlines for completion of this work since 2006; however, this work has not been completed. Status reports and quarterly monitoring reports have recommended that this work be completed and have presented planned time frames for completing the work; however, the work was not implemented. The current status report dated July 19, 2010 recommends, "Once financing has been obtained, commence with the permitting and installation of the intercept conveyance piping and construction of the new treatment compound." Continued indefinite delays due to funding to implement construction of the treatment compound are not acceptable. These long-term delays have occurred without approval or schedule extensions by ACEH. Due to the long-term delays in constructing the treatment compound, this fuel leak case is currently out of compliance with directives from this agency. We request that the treatment compound be installed and operated in accordance with the Compliance Schedule below.

Excavation of soils in the source area was proposed in a Work Plan dated February 13, 2006 and approved by ACEH in correspondence dated April 4, 2006. Since 2006, the plans for excavation have been modified in response to alternate proposals from Western Geo-Engineers, ACEH technical comments, and comments from concerned members of the public. However, excavation has not been implemented to date. Most recently, the remedial excavation was scheduled to being in August 2010 but was postponed apparently because funds were not available. Due to the long-term and repeated delays in proceeding with excavation, this fuel leak case is currently out of compliance with directives from this agency. We request that the proposed excavation be implemented in accordance with the Compliance Schedule below.

COMPLIANCE SCHEDULE

In order for this site to return to compliance, the proposed actions must be implemented according to the following schedule:

- **November 18, 2010** – Resume groundwater extraction from well RS-5
- **November 15, 2010** – Complete permitting process for construction of treatment compound for intercept trench
- **November 30, 2010** – Complete permitting process for excavation and submit a schedule for ACEH review for planning and implementing excavation with excavation start date no later than May 30, 2011
- **December 6, 2010** – Begin construction of treatment compound for intercept trench
- **January 6, 2011** – Treatment compound operational

If the above previously proposed and approved items are not implemented within the time frames indicated above, a Notice of Violation will be issued. Upon issuance of the Notice of Violation, the case may be referred to the Alameda County District Attorney's office for enforcement action. Progress and milestones for the above items are to be documented in the reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **November 30, 2010** – Semi-annual Groundwater Monitoring Report with Status Report on all items in compliance schedule
- **November 30, 2010** – Schedule for planning and implementing excavation with start date no later than May 30, 2011

- **February 28, 2011** – Status Report on all items in compliance schedule.

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o, ou, email=jerry.wickham@acgov.org, c=US
Date: 2010.09.08 15:10:10 -07'00'

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

Attachments: Responsible Party(ies) Legal Requirements/Obligations
Electronic Mail Message from Robert Gray dated April 13, 2010

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

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

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

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

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

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

Derrick Williams, 4032 Brighton Avenue, Oakland, CA 94602

Donna Drogos, ACEH
Jerry Wickham, ACEH

Geotracker, File