THIRD QUARTER 2003
GROUNDWATER SAMPLING REPORT/UPDATE STATUS
WITH
WASTEWATER DISCHARGE REPORT (APPENDIX E)

AT

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

FOR

DESERT PETROLEUM

October 1, 2003

BY

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

TABLE OF CONTENTS

List of Tables

List of Figures

Table of Contents Continued

List of Appendices

-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

October 1, 2003

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

Dear Mr. Thompson:

The following report documents the third quarter 2003 sampling at DP793, 4035 Park Blvd., Oakland, California.

1.0 SITE LOCATION AND 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 Oversite STID 1248
San Francisco Bay Regional Board (Region 2) Case # 01-0170
Facility/Leak Site ID# T0600100158

2.0 SITE INVESTIGATION/REMEDIATION CHRONOLOGY

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

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

September 5, 1995	Drill/sampled and installed replacement well for RS-1 (MW-1).
May 2, 1996	Soil Probe Survey and soil sample borings along sewer route from 4035 Park Blvd. through back yards, to Brighton Avenue. Temporary casing set in hand augered borings BH-1, BH-2, BH-3, BH-4 and BH-5. Conducted slug tests on BH-1, BH-2, BH-3 and BH-5. Not enough water entry into BH-4 to conduct test. The following hydraulic conductivities (k) were calculated; BH-1 = 0.15 ft/day, BH-2 = 2.9 ft/day, BH-3 = 0.11 ft/day, and BH-5 = 4.8 ft/day.
January 17, 1997	Soil Probe Survey Brighton Avenue
August 12, 1999	Installed receptor trench, Brighton Avenue. 148 cubic yards non hazardous gasoline contaminated soil transported and disposed of at Vacaville Landfill, Vacaville, California. Installed wells RS-8, RS-9 and RS-10.
October 7, 1999	Pumped 19,451 gallons of gasoline contaminated groundwater from receptor trench, stored in above ground 22,000 gallon Baker tank.
January 24, 2000	Obtained sewer discharge permit from East Bay Municipal Utility District, started discharge of water stored in Baker tank to city sewer.
May 4, 2000	Started weekly purging of receptor trench well T1 (4 hours once per week). Discharged purged water through water carbon and then to sewer.
February 15, 2001	Set submersible pump in RS-5 to pump continuously, continued once a week purging of receptor well T1 (46,121 gallons removed from receptor trench well).
July 19, 2001	Ceased pumping of RS-5 and weekly purging of T1; 62,511 gallons removed from T1 and 78,919 gallons removed from RS-5 (total 141,430 gallons of gasoline contaminated groundwater treated and disposed to sewer).
March 21, 2002	Resumed pumping at RS-5.
August 6, 2002	246,849 gallons of gasoline contaminated groundwater pumped, treated and disposed to sewer.
November 20, 2002	Commenced weekly hand bailing of free phase product from well RS-8.
December 12, 2002	Purged receptor trench of 1432 gallons gasoline tainted groundwater.
January 9, 2003	Purged receptor trench of 1349 gallons gasoline tainted groundwater.
January 30, 2003	Purged receptor trench of 1624 gallons gasoline tainted groundwater.
March 13, 2003	Purged receptor trench of 1413 gallons gasoline tainted groundwater.
April 3, 2003	Purged receptor trench of 1305 gallons gasoline tainted groundwater.
April 9, 2003	Demolished existing service station building.
April 15, 2003	Replaced RS05 groundwater recovery pump with WEGE pump, while RS05 pump is serviced.
May 1, 2003	Reinstalled RS05 groundwater recovery pump. Submited Workplan to Investigate Contaminated Soils Above and Below the Water Table at the Former Area of the Station Building, 4035 Park Blvd., Oakland, CA.
May 6, 2003	Purged receptor trench of 1589 gallons gasoline tainted groundwater.
May 21, 2003	Purged receptor trench of 2544 gallons gasoline tainted groundwater.
June 25, 2003	Purged receptor trench of 1796 gallons gasoline tainted groundwater.
July 17, 2003	Purged receptor trench of 1560 gallons gasoline tainted groundwater.
July 31, 2003	Notice to initiate Workplan submitted May 1, 2003

August 6, 2003	Alameda County Health, Scott Seery, phoned Western Geo-Engineers, notifying them not to proceed with workplan.
August 13, 2003	Purged receptor trench of 1574 gallons gasoline tainted groundwater.
September 4, 2003	Purged receptor trench of 1477 gallons gasoline tainted groundwater.

3.0 LOCAL GEOLOGY

3.1 Geomorphology

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

3.2 Stratigraphy

Station Property

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

Backyard Sewer Lateral Route

Assessments performed along the sewer lateral as it leaves the site and routes through the residential area towards Brighton Avenue show the subsurface to consist of fill from a couple of inches thick to two feet thick. Beneath the fill is a sequence of clay formations that vary from light brown to dark gray to approximately the 6 foot depth. Silty clay then extends to approximately the 14-foot depth. Beneath the silty clay is sand with occasional gravel. This sand is 11 feet thick at RS5 and is underlain by silty clay.

Brighton Avenue

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

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

4.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES

Groundwater samples were collected on August 13, 2003. Samples were analyzed for Total Petroluem Hydrocabons as gasoline, Benzene, Toluene, Ethylbenzene, Xylenes and Methyl tert-Butal Alcohol (MtBE) using EPA method 8260B, see Table 1. Figure 3 shows the positions of the groundwater monitoring wells, the receptor trench and previous sample locations.

4.1 Depth to Water Measurements

On August 13, 2003 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 August 13, 2003.

5.0 RESULTS OF QUARTERLY GROUNDWATER MONITORING

5.1 Groundwater Gradient and Flow Direction

Figure 4 shows the groundwater elevation gradients and flow direction that were derived from the depth to water measurements of the monitor wells on August 13, 2003, prior to purging the wells for sampling, see Table 1 and Appendix A. On February 15, 2001 submersible pump was placed into onsite well RS-5 to try and capture contaminated groundwater beneath the site and adjoining properties. The pump rate was set at approximately 2 gpm. The pump was removed from RS-5 on July 19, 2001. After evaluation of the effects the pumping had on remediating the site the pump was placed back into RS-5 on March 21, 2002. As shown on the groundwater elevation chart generated for each well, pumping from RS5 lowered the water levels in RS-6, RS-8, RS-10, R2, and R3, see Appendix B. Table 1 shows the groundwater elevations for the wells during the assessment of this site.

The current flow direction is to the northwest and west. The hydraulic gradient averages 0.088 feet/linear foot downgradient of RS-10 to the receptor trench well T1, see Figure 4. The present flow direction and hydraulic gradient are consistent with previous determinations by WEGE. Also evident on Figure 4 is the "cone of influence" out to RS8, generating at RS5. For reference, areas that have been documented to contain contaminated soils (TPHg > 10 mg/Kg) have been shaded yellow.

5.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on August 13, 2003 are shown in Table 1.

TPH-G concentrations in water samples from the eight monitor wells, the receptor trench well and three recovery wells ranged from 100000 ug/L at monitor well RS8, to below laboratory lower detection limits of 50 ug/L in wells MW1, RS2, RS6 and RS10. R3 was dry during this sampling round. No free phase product was found in Well RS8 during this quarter.

Benzene concentrations ranged from a maximum of 1500 ug/L in receptor trench well T1 to below the laboratory lower detection limits (0.5 ug/L) at wells MW1, RS2, RS6 and RS10, see Appendix C - Laboratory Report.

Analysis results for Oxygenant Methyl-t-Butyl Ether (MtBE) was below the laboratory lower detection limit in wells MW1, RS2, RS5, RS6, RS8, RS10, R1, R2, and T1. The wells located within or near Brighton Street, RS7 and RS9 contained 6.1 and 3.6 ug/L MtBE respectively, indicating that the MtBE source(s) maybe the cars parked along Brighton Street. During the September 16, 1998 all Fuel Oxygenants; MTBE, Di-isopropyl Ether (DIPE), tertiary Butyl Alcohol (TBA), Ethyl-t-Butyl Ether (ETBE) and t-Amyl Methyl Ether (TAME) were confirmed with EPA Method 8260. These analytes were below laboratory lower detection limits.

Figure 5 (August 13, 2003) shows the lateral distribution of the hydrocarbon plume with benzene distinction in groundwater during pumping from RS-5. The current plume(s) (Figure 5) has increased in concentration at wells RS7, RS8, R1, R2 and T1 when compared to the previous quarterly sampling (May 6, 2002).

TPHg - Figure 5

Total Petroleum Hydrocarbons, gasoline range has a laboratory lower detection limit (LLDL) of 50 ug/L, was detected in wells RS5, RS7, RS8, RS9, R1, R2 and T1 ranging from a low of 310 ug/L at RS5 to a high of 100000 ug/L at RS8 (no floating product was observed in this well during this quarter).

Benzene - Figure 5

Benzene has a LLDL of 0.5 ug/L. The recommended CPHG (California Public Health Goal) for Benzene is 1 ug/L. Benzene was detected in wells R1, R2, RS5, RS7, RS8, RS9 and T1 ranging from a low of 1.4 ug/L at RS5 to a high of 1500 ug/L at T1.

Toluene

Toluene has a LLDL of 0.5 ug/L. The recommended CPHG for toluene is 150 ug/L. Toluene was detected in wells R2, RS7, RS8 and T1, ranging from a low of 8 ug/L at well R2 to a high of 10000 ug/L at well RS8.

Ethylbenzene

Ethylbenzene has a LLDL of 0.5 ug/L. The recommended CPHG for Ethylbenzene is 300 ug/L. Ethylbenzene was detected in wells R1, R2, RS5, RS7, RS8, RS9 and T1, ranging from a low of 1 ug/L at well RS5 to a high of 2500 ug/L at well RS8.

Xylenes

Xylenes have a LLDL of 0.5 ug/L. The recommended CPHG for Xylenes is 1800 ug/L. Xylenes were detected in wells R1, R2, RS5, RS7, RS8, RS9 and T1, ranging from a low of 1.1 ug/L at well R1 to a high of 13000 ug/L at well RS8.

MtBE

MtBE has a LLDL of 0.5 ug/L. The recommended PHG for MtBE is 13 ug/L. MtBE was detected in wells RS7, RS9 and T1, ranging from a low of 3.6 ug/L at well RS9 to a high of 10 ug/L at well T1, see Table 1 and Appendix C - Laboratory Report.

Appendix D contains charts developed for wells MW1, RS2, RS5, RS6, RS7, RS8, RS9, RS10 and trench well T1 showing TPHg & Benzene concentration with time, with the exception of RS8 all wells display a reduction in concentrations with time for both TPHg and Benzene through August 13, 2003 sampling.

6.0 PURGING OF RECEPTOR TRENCH

Commencing on May 4, 2000, weekly pumping of the receptor trench has been performed for approximately 4 hours per week, see Table 3. During purging the depth to water within the trench is lowered an average of one feet. Immediately after purging ceases, the water level in the trench recovers to its original depth. Weekly purging of the receptor trench was suspended on July 19, 2001 at the request of Desert Petroleum. 62,511 gallons of contaminated groundwater had been removed from the trench, processed through two, in series, activated carbon water scrubs and discharged to the sanitary sewer. Due to the increase of gasoline range hydrocarbons in downgradient well RS9 sampled on November 5, 2002, the receptor trench was purged on December 12, 2002, removing 1,432 gallons during 5 hours of pumping. Periodic purging of the trench has occur since that time, see Table 5.

7.0 PUMPING ON-SITE WELL RS-5

On February 15, 2001 a submersible pump with a pump bypass was placed into RS-5. The pump rate was adjusted to 1.5 gpm and allowed to continuously pump from RS-5 for one week. 3223 gallons were pumped from RS-5 through the two, in series, water carbon units and discharged to the sewer. On February 22, 2001 the pump was inspected and showed a slimy growth covering the pump and discharge line that was below the water level. The pump was cleaned and placed back into RS-5 and continued to discharge from RS-5 through the water carbon units to sewer until July 19, 2001. On July 19, 2001 Desert Petroleum requested suspension of further pumping at the site. The pump was removed and the site secured. From February 15 through July 19, 2001, 78,919 gallons of gasoline contaminated groundwater was recovered from RS-5 and treated through carbon before being discharged to the sewer. Pumping from RS5 was resumed on March 21, 2002. As of September 25, 2003 442,105 gallons of groundwater have been pumped from RS5 and treated through two, in series, water carbon units prior to being discharge to sanitary sewer, see Tables 5 and 6.

The pumping from RS-5 lowered the groundwater at this well by at least 15 feet, when compared to the previous water measurements. This created a cone of influence out to offsite wells RS-8 and RS-10, see Figure 4 and Chart - Appendix B.

8.0 FREE PHASE FLOATING PRODUCT REMOVAL

Free Phase Floating Product was discovered in well RS8, 0.04 feet in thickness, yellow in color on August 6, 2002. Since all product storage and dispensing systems have been removed from the site (June 1994), it is thought that the product found in RS8, is residual from the November 1989 release and groundwater pumping at RS-5 is retrieving this residual product. Weekly bailing of the floating product commenced on November 20, 2002 and as of December 12, 2002, (the last noted detection of free phase product in RS8) 0.014 gallons of degraded gasoline has been removed and is stored on site in a 55 gallon 17H drum, see Table 3.

9.0 BIODEGRADATION OF HYDROCARBONS

During the December 18, 2001 sampling of wells, field measurements were obtained to determine the availability of electron receptors to aid in the natural attenuation of the hydrocarbon plume. Along with pH, temperature and electrical conductivity, dissolved oxygen, nitrate, sulfate and ferrous iron were also measured. Water samples were obtained after the wells were purged and allowed to recover, then analyzed in the field, using a Hach DR/2000 Spectrophotometer. The following methods were used:

Dissolved Oxygen, high range (0 to 13 mg/L O_2) - Method 8166 for water and wastewater.
Nitrate, high range (0 to 30 mg/L NO_3) - Method 8039 for water, wastewater and seawater.
Sulfate, (0 to 70 mg/L SO_4) - Method 8051 for water and wastewater.
Ferrous Iron, (0 to 3.00 mg/L Fe_2) - Method 8146 for water, wastewater and seawater.

Table 4 contains the results of electron acceptor field analyses obtained December 18, 2001 compared to results obtained August 26, 1999.

9.1 Dissolved Oxygen

Readings for dissolved oxygen obtained on August 26, 1999, prior to pumping the receptor trench and RS5, indicated two areas of oxygen depletion (<1 mg/L), the entire north half of the site (4035 Park Avenue) at wells RS2, RS5, RS6, R1 and R2 and the area excavated for the receptor trench along the eastern curb of Brighton Avenue, well RS-7 and T1. Readings obtained during the December 18, 2001 monitoring round show that dissolved oxygen has increased substantially and even exceeds 5 mg/L in the over-excavated area on site. The lowest Dissolved Oxygen level encountered is associated with well RS5 at 1.4 mg/L, compared to 0.7 mg/L at RS5 in August 1999. All other dissolved oxygen measurements were at 2.5 mg/L or greater, see Table 4.

9.2 Sulfate

Comparing sulfate measurements obtained in August 1999 to the December 2001 measurements, the sulfate has been depleted at the receptor trench and beneath Brighton Avenue, but is being replenished at well location RS8.

9.3 Nitrate

Comparing nitrate measurements obtained in August 1999 to the December 2001 measurements, the nitrate is being replenished all along the petroleum plume area.

9.4 Ferrous Iron

The measurements obtained in August 1999 compared to the December 2001 measurements indicate that ferrous iron is oxidized, as the site becomes more aerobic.

10.0 SUMMARY

Until the November 2002 sampling weekly purging of the receptor trench (T1) facilitated the decrease in the TPHg concentrations in down gradient wells RS-7 and RS-9, see Table 1 with charts RS-7. The weekly purging of the receptor trench was limited to a maximum daily discharge of 5 gpm, thus removing approximately 1200 to 2000 gallons per week. Although this does lower the water level in the trench, after pumping has ceased the water level rebounds to it original depth allowing for the gradient migration of TPHg contaminated groundwater to continue.

Pumping from RS-5 has shown to create a cone of influence off-site downgradient out to RS-8 and RS-10. Pumping has increased the dissolved oxygen in RS-5 and hydrocarbon concentrations have declined in R1, R2, R3, RS-5, and RS-10. 0.04 feet of floating product (yellow gasoline)

discovered during the August 6, 2002 sampling round could indicate that the pumping at RS-5 is capturing residual free phase product in that area.

The lowest hydrocarbon concentrations were observed while the weekly pumping of the trench well and the continuous pumping of RS5 was occurring, May 31, 2001. The most recent sampling, August 13, 2003 shows continued decrease in hydrocarbons upgradient, at the site, but an increase in hydrocarbon concentrations downgradient of the site at wells RS7, RS8 and RS9. The most down gradient well, RS9 contains low levels of gasoline range hydrocarbons; 810 ug/L TPHg, 20 ug/L Benzene, <0.5 ug/L Toluene, 2.4 ug/L Ethylbenzene, 1.6 ug/L Xylenes and 3.6 ug/L MtBE.

Previous sampling, September 2, 1999, showed that aerobic bacteria (hydrocarbon degraders) exist in the groundwater associated with the hydrocarbon plume. A workplan to augment the groundwater with oxygen (air sparging) and nutrients (phosphate and ammonium sulfate) dated August 29, 2000 was presented with the August 29, 2000, Third Quarter 2000 report. This workplan along with the May 31, 2001 conditions were discussed during a meeting at Alameda County Health that involved Mr. Thompson, Desert Petroleum, Mr. Seery, Alameda County Health and Mr. Converse, Western Geo-Engineers, on November 13, 2001. The meeting concluded that nutrient augmentation was not necessary at this time, but enhanced dissolved oxygen was needed. Due to neighborhood concerns, i.e. residential homes and apartments, air sparging and/or using a mechanical delivery device would create to much noise and a more passive oxygen delivery system was warranted, i.e. hydrogen peroxide or Oxygen Release Compound (ORC). An amended workplan was presented in Appendix G of the 4th Quarater 2001 report, dated January 7, 2002 and suggested that ORC would be the most beneficial means of enhancing dissolved oxygen in the groundwater plume. Western Geo-Engineers then requested Regenisis Inc. to perform a basic model using ORC to determine how to apply, and the amount needed. The Regenisis model indicated that a one-time application (would last approximately one year) of approximately 9,690 pounds of ORC would be needed, at a cost of $77,520.00 for materials, which does not include installation costs. Upon receipt of the Regenisis model, WEGE projected how much hydrogen peroxide would be necessary to increase the dissolved oxygen in the plume from 2 mg/L to 8 mg/L. This simple model indicated that 18 gallons of 35% solution hydrogen peroxide would be necessary per application, at a cost of $1,160.00 per monthly application or $13,920.00 for one year.

Further communications from Mr. Scott Seery with Mr. Converse occurred during the week of February 25 - March 1, 2002. Mr. Seery suggested another meeting to discuss remediation options prior to approving the amended workplan presented with the January 7, 2002 report. In a phone conversation between Mr. Converse and Mr. Seery on August 12, 2002, Mr. Seery requested that the peroxide treatment not be performed until further review of the site by Alameda County Health. On January 15, 2003 the station property was resold by Mr. Toni Razzi to Mr. Kin Man Li (P.O. Box 348, Oakland, CA 94604). The new owner demolished the existing service station building. Western Geo-Engineers feels this in an opportune time to perform an updated assessment of the on-site soils and groundwater associated with the hydrocarbon plume at 4035 Park Blvd. With the station building gone, the areas of suspected hydrocarbon contamination (beneath the building) can be sampled and verified allowing an updated risk assessment concerning the station proper for site closure, or if necessary, to revise remediation plans(s) to expedite the clean-up of this site. A workplan outlining further assessment/risk, dated May 1, 2003, is waiting for review by Alameda County Health at this time. On July 31, 2003 "Notice to Initiate Workplan" was submitted to

Alameda County Health after the 60 day/response period had expired. On August 6, 2003 Alameda County Health, Scott Seery, phone Western Geo-Engineers, notifying them not to proceed with workplan.

11.0 RECOMMENDATIONS

With a new property owner and the demolition of the existing building at 4035 Park Blvd., the following recommendations are made by Western Geo-Engineers.

- Perform the May 1, 2003 workplan to further assess the soils and groundwater that currently underlay the former building location at 4035 Park Blvd.
- Soil and groundwater samples obtained from the work outlined in the workplan would be used to update the RBCA Tier II model that has been developed for this site.
- Based on the results of the RBCA Tier II model, develop a cost benefit remediation plan for 4035 Park Blvd.
- Decide which wells located at 4035 Park Blvd., are necessary for the assessment and remediation objectives and destroy the unnecessary wells as per Alameda County Health guidelines.

12.0 LIMITATIONS

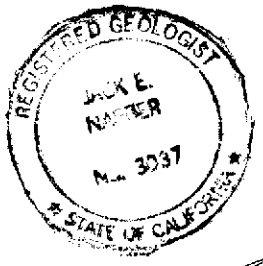
This report is based upon the following:

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. Western Geo-Engineers is a corporation under California Registered Geologist #3037 and/or Contractors License #513857. The services performed by Western Geo-Engineers have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the State of California and the Oakland area. Our work and/or supervision of remediation and/or abatement

operations, active or preliminary, at this site is in no way meant to imply that we are owners or operators of this site. Known or suspected contamination of soil and/or groundwater must be reported to the appropriate agencies in a timely manner. No other warranty, expressed or implied, is made.

Sincerely,



George Converse
Geologist

Jack E. Napper
Ca. Reg. Geologist #3037

cc: Mr. Scott O. Seery, Alameda County Health (510) 567-6783
Mr. Leroy Griffin, Oakland Fire Dept.
Mr. Kin Man Li, property owner (510) 599-7000

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)											
RS-1	12/14/89	228.15	24.25	203.9	19000	2600	2700	200	1200		
RS-1	12/90				15000	3500	330	170	760		
RS-1	2/91				6900	910	200	39	540		
RS-1	6/91				1600	56	180	12	26		
RS-1	9/91				4100	730	7.6	5.1	24		
RS-1	12/91				8300	950	160	71	190		
RS-1	11/9/92	228.15	17.05	211.1	1700	730	9.6	16	14		
RS-1	4/7/94	228.15	13	215.15	860	84	12	16	110		
RS-1	6/19/94	228.15	13.37	214.78	1400	150	12	52	87		
RS-1	9/17/94	228.15	16.33	211.82	310	30	1.8	2.8	3.9		
RS-1	3/12/95	228.15	4.66	223.49	ND	ND	ND	ND	ND		
		DESTROYED BY OVER-EXCAVATION OF UST-DISPENSER AREAS (8/14/95									
		REPLACED WITH MW-1 9/5/95.									
MW-1	10/4/95	229.5	12.38	217.12	ND	ND	ND	ND	ND		
MW-1	12/21/95	229.5	13.40	216.1	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
MW-1	03/27/96	229.5	5.53	223.97	< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
MW-1	06/11/96	229.5	9.02	220.48	< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
MW-1	09/04/96	229.5	11.84	217.66	< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	
MW-1	12/11/96	229.5	12.98	216.52	< 50	< 0.5	0.9	< 0.5	< 1	< 0.5	
MW-1	2/21/97	229.5	9.50	220	< 50	< 0.5	0.9	< 0.5	< 1	< 0.5	*
MW-1	5/28/97	229.5	11.18	218.32	< 50	3	3	< 0.5	< 1	< 0.5	*
MW-1	9/2/97	229.5	13.00	216.5	< 50	5	< 0.5	< 0.5	< 1	< 0.5	*
MW-1	11/24/97	229.5	14.12	215.38	< 50	5	< 0.5	< 0.5	< 1	< 0.5	*
MW-1	2/25/98	229.5	6.41	223.09	< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
MW-1	7/8/98	229.5	7.28	222.22	< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
MW-1	9/16/98	229.5	10.96	218.54	< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
MW-1	11/24/98	229.5	12.24	217.26	52	2.3	5.2	< 0.5	5.4	11	*
MW-1	2/23/99	229.5	7.14	222.36	< 50	< 0.5	5	< 0.5	< 1	< 0.5	
MW-1	5/5/99	229.5	7.00	222.5	< 50	2	<0.5	< 0.5	< 1	8	
MW-1***	8/26/99	229.5	11.41	218.09	<50	4.1	<0.5	< 0.5	< 1	<1	
MW-1	11/10/99	229.5	13.27	216.23	<50	<0.5	<0.5	< 0.5	< 1	<0.5	
MW-1	2/9/00	229.5	13.76	215.74	<50	<0.5	<0.5	0.5	< 1	0.5	
MW-1	6/30/00	229.5	10.63	218.87	<50	<0.5	<0.5	< 0.5	< 1	< 0.5	
MW-1	8/8/00	229.5	11.77	217.73	62	1	2	< 0.5	2	< 0.5	
MW-1	11/16/00	229.5	13.33	216.17	<50	<0.5	<0.5	< 0.5	< 1	< 0.5	
MW-1	3/8/01	229.5	12.30	217.2	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	5/31/01	229.5	11.88	217.62	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	12/18/01	229.5	13.74	215.76	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	2/19/02	229.5	14.42	215.08	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	5/7/02	229.5	10.78	218.72	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	8/6/02	229.5	12.70	216.8	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	11/5/02	229.5	15.00	214.5	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	12/12/02	229.5	15.46	214.04							
MW-1	3/13/03	229.5	14.51	214.99	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	5/6/03	229.5	11.06	218.44	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****
MW-1	8/13/03	229.5	13.13	216.37	<50	<0.5	<0.5	< 0.5	< 0.5	< 0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						(1)	(150)	(300)	(1800)	(13)	
RS-2	12/14/89	227.39									
RS-2	6/19/94	227.39	10.89	216.50							
RS-2	3/12/95	227.39	5.26	222.13	ND	ND	ND	ND	ND		
RS-2	10/4/95	227.39	15.05	212.34	ND	ND	ND	ND	ND		
RS-2	12/21/95	227.39	9.95	217.44	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
RS-2	03/27/96	227.39	6.28	221.11	< 50	< 0.5	< 0.5	< 0.5	< 2	< 50	
RS-2	06/11/96	227.39	8.00	219.39	< 50	1.2	2.8	< 0.5	< 2	< 50	
RS-2	09/04/96	227.39	9.89	217.50	< 50	< 0.5	< 0.5	< 0.5	< 2	< 5	
RS-2	12/11/96	227.39	8.38	219.01	< 50	< 0.5	< 0.5	< 0.5	< 1	6	
RS-2	2/21/97	227.39	6.96	220.43	< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-2	5/28/97	227.39	10.02	217.37	< 50	3	3	< 0.5	< 1	< 0.5	*
RS-2	9/2/97	227.39	11.46	215.93	< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-2	11/24/97	227.39	10.43	216.96	< 50	< 0.5	1	< 0.5	3	< 0.5	*
RS-2	2/25/98	227.39	3.57	223.82	< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	*
RS-2	7/8/98	227.39	8.83	218.56	< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-2	9/16/98	227.39	10.60	216.79	< 50	< 0.5	< 0.5	< 0.5	< 1	< 1	*
RS-2	11/24/98	227.39	13.27	214.12	140	2.8	19	2.6	3.3	15	*
RS-2	2/23/99	227.39	4.06	223.33	< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5	
RS-2	5/5/99	227.39	7.70	219.69	< 50	0.7	< 0.5	< 0.5	< 1	6	
RS-2***	8/26/99	227.39	11.42	215.97	200	15	23	1.7	23	9	*
RS-2	11/10/99	227.39	15.94	211.45	< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-2	2/9/00	227.39	8.91	218.48	< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-2	6/30/00	227.39	9.79	217.60	52	2	<0.5	<0.5	< 1	<0.5	
RS-2	8/8/00	227.39	10.71	216.68	60	<0.5	<0.5	<0.5	< 1	<0.5	
RS-2	11/16/00	227.39	10.39	217.00	< 50	<0.5	<0.5	<0.5	< 1	<0.5	
RS-2	3/8/01	227.39	6.62	220.77	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	5/31/01	227.39	10.09	217.30	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	12/18/01	227.39	6.99	220.40	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	2/19/02	227.39	8.08	219.31	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	5/7/02	227.39	9.27	218.12	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	8/6/02	227.39	11.38	216.01	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	11/5/02	227.39	17.09	210.30	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	12/12/02	227.39	13.19	214.20							
RS-2	3/13/03	227.39	8.93	218.46	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	5/6/03	227.39	8.05	219.34	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-2	8/13/03	227.39	11.16	216.23	< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL		TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
(CALIFORNIA PUBLIC HEALTH GOAL)												
RS-5	12/14/89	227.61	25.97	201.64		57000	3100	4300	670	3400		
RS-5	2/91	227.61	FLOATING PRODUCT									
RS-5	6/91	227.61	FLOATING PRODUCT									
RS-5	9/91	227.61	FLOATING PRODUCT									
RS-5	12/91	227.61	FLOATING PRODUCT									
RS-5	11/9/92	227.61	20.73	206.88		50000	650	4800	1100	15000		
RS-5	4/7/94	227.61	18.16	209.45		27000	5000	8700	550	2800		
RS-5	6/19/94	227.61	18.11	209.5		20000	2100	5300	470	2500		
RS-5	9/17/94	227.61	19.63	207.98		9300	230	340	110	700		
RS-5	3/12/95	227.61	14.54	213.07		93000	6400	2000	19000	10000		
RS-5	10/4/95	227.61	17.53	210.08		16000	420	2100	320	1800		
RS-5	12/21/95	227.61	17.47	210.14		48000	3500	9200	840	4800	56	
RS-5	03/27/96	227.61	13.51	214.1		68000	4900	18000	1700	11000	< 3000	
RS-5	06/11/96	227.61	14.25	213.36		66000	6300	20000	2100	12000	< 3000	
RS-5	09/04/96	227.61	16.50	211.11		31000	2100	11000	1100	6800	400	
RS-5	12/11/96	227.61	15.88	211.73		85000	7000	21000	1800	8900	570	
RS-5	2/21/97	227.61	13.76	213.85	sh	100000	5000	22000	1700	7300	<0.5	*
RS-5	5/28/97	227.61	15.77	211.84		52000	4500	19000	2100	10000	<0.5	*
RS-5	9/2/97	227.61	17.47	210.14		38000	2200	9400	1300	5800	<0.5	
RS-5	11/24/97	227.61	18.67	208.94		45000	4000	16000	1900	9700	<0.5	*
RS-5	2/25/98	227.61	10.53	217.08		160000	2700	31000	5300	28000	<0.5	*
RS-5	7/8/98	227.61	13.75	213.86		45000	2800	12000	2000	8500	<10	*
RS-5	9/16/98	227.61	15.80	211.81		49000	1400	7500	1700	8600	<5	*
RS-5	11/24/98	227.61	16.64	210.97		89000	5300	15000	2800	13000	<10	
RS-5	2/23/99	227.61	12.36	215.25		19000	1900	11000	2500	4800	<25	*
RS-5	5/5/99	227.61	12.78	214.83		78000	2000	10000	3000	15000	540	*
RS-5***	8/26/99	227.61	16.06	211.55		35000	870	4000	1900	8300	<1	*
RS-5	11/10/99	227.61	17.54	210.07		40000	1000	5600	1800	8100	<0.5	
RS-5	2/9/00	227.61	16.31	211.3		46000	1400	6900	2700	11000	<0.5	
RS-5	6/30/00	227.61	15.15	212.46		37000	810	5200	2200	9100	<2.5	*
RS-5	8/8/00	227.61	16.10	211.51		14000	330	500	1400	6500	<0.5	
RS-5	11/16/00	227.61	17.38	210.23		23000	430	2300	1100	4800	<0.5	*
RS-5	3/8/01	227.61	27.72	199.89		11000	360	260	140	1500	2.6	****
RS-5	5/31/01	227.61	22.96	204.65		7500	26	11	38	470	<5	****
RS-5	12/18/01	227.61	15.61	212		12000	610	1200	100	1500	<5	****
RS-5	2/19/02	227.61	14.80	212.81		22000	460	1700	680	4000	<5	****
RS-5	5/7/02	227.61	31.77	195.84		700	150	10	19	67	5.2	****
RS-5	8/6/02	227.61	31.77	195.84		< 50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-5	11/5/02	227.61	31.77	195.84		12000	150	360	21	890	<2	****
RS-5	12/12/02	227.61	21.53	206.08								
RS-5	3/13/03	227.61	36.70	190.91		240	5.5	1.9	2.3	9.6	1.4	****
RS-5	5/6/03	227.61	14.52	213.09								
RS-5	8/13/03	227.61	31.77	195.84		310	1.4	<0.5	1	2.9	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)											
RS-6	12/14/89	227.22	22.52	204.7	11000	1400	1700	160	860		
RS-6	2/91	227.22	FLOATING PRODUCT								
RS-6	6/91	227.22			95000	4200	4200	650	3700		
RS-6	9/91	227.22	FLOATING PRODUCT								
RS-6	12/91	227.22			64000	3700	2300	730	4100		
RS-6	11/9/92	227.22	19.43	207.79	19000	1600	710	500	1600		
RS-6	4/7/94	227.22	14.42	212.8	16000	1200	1300	290	1100		
RS-6	6/19/94	227.22	14.45	212.77	23000	1300	2200	590	2200		
RS-6	9/17/94	227.22	19.52	207.7	24000	630	790	250	1100		
RS-6	3/12/95	227.22	8.90	218.32	3200	450	13	82	230		
RS-6	10/4/95	227.22	17.78	209.44	3700	170	250	38	290		
RS-6	12/21/95	227.22	14.98	212.24	3100	120	30	16	150	58	
RS-6	03/27/96	227.22	10.00	217.22	6900	180	440	79	360	< 300	
RS-6	06/11/96	227.22	12.00	215.22	7400	220	150	30	100	<1000	
RS-6	09/04/96	227.22	15.00	212.22	1400	68	2.6	7.7	9.2	14	
RS-6	12/11/96	227.22	12.36	214.86	1800	39	16	10	18	< 0.5	
RS-6	2/21/97	227.22	10.00	217.22	2100	71	85	25	40	< 0.5	*
RS-6	5/28/97	227.22	13.56	213.66	1700	34	12	11	16	< 0.5	*
RS-6	9/2/97	227.22	16.35	210.87	940	34	71	9	55	< 0.5	*
RS-6	11/24/97	227.22	15.72	211.5	490	9	6	1	7	< 0.5	*
RS-6	2/25/98	227.22	6.26	220.96	1400	22	47	5	52	< 0.5	*
RS-6**	7/8/98	227.22	11.41	215.81	1500	83	9	84	2	<10	*
RS-6	7/30/98	227.22			<50	<0.5	<0.5	<0.5	<1		
RS-6	9/16/98	227.22	13.42	213.8	990	23	<0.5	<0.5	<1	<1	*
RS-6	11/24/98	227.22	15.91	211.31	3400	5.3	<0.5	<0.5	14	<0.5	
RS-6	2/23/99	227.22	7.00	220.22	1000	3.4	3.2	1.6	7.3	<0.5	
RS-6	5/5/99	227.22	10.29	216.93	1100	50	10	80	15	2	
RS-6***	8/26/99	227.22	13.72	213.5	690	44	2.5	30	31	<5	
RS-6	11/10/99	227.22	13.90	213.32	1800	2	2	0.9	16	< 0.5	
RS-6	2/9/00	227.22	12.77	214.45	410	3	3	4	7	< 0.5	
RS-6	6/30/00	227.22	12.69	214.53	660	7	2	5	6	< 0.5	
RS-6	8/8/00	227.22	14.72	212.5	660	2	3	2	6	< 0.5	
RS-6	11/16/00	227.22	15.28	211.94	560	1	2	1	5	< 0.5	
RS-6	3/8/01	227.22	10.10	217.12	2200	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-6	5/31/01	227.22	12.96	214.26	630	<0.5	<0.5	<0.5	<0.5	<5	****
RS-6	12/18/01	227.22	10.88	216.34	56	0.53	<0.5	<0.5	0.56	<0.5	****
RS-6	2/19/02	227.22	11.08	216.14	<50	<0.5	<0.5	0.6	<0.5	<0.5	****
RS-6	5/7/02	227.22	12.31	214.91	240	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-6	8/6/02	227.22	14.23	212.99	130	<0.5	<0.5	<0.5	<0.5	3	****
RS-6	11/5/02	227.22	17.99	209.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-6	12/12/02	227.22	17.57	209.65							
RS-6	3/13/03	227.22	11.82	215.4	120	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-6	5/6/03	227.22	10.10	217.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-6	8/13/03	227.22	13.88	213.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						(1)	(150)	(300)	(1800)	(13)	
RS-7	12/14/89	195.99									
RS-7	7/90	195.99			5600000	24000	210000	50000	740000		
RS-7	2/91	195.99	FLOATING PRODUCT								
RS-7	6/91	195.99	FLOATING PRODUCT								
RS-7	9/91	195.99	FLOATING PRODUCT								
RS-7	12/91	195.99			270000	11000	22000	2000	13000		
RS-7	11/9/92	195.99	4.62	191.37	81000	12000	16000	1900	13000		
RS-7	4/7/94	195.99	4.03	191.96	74000	16000	16000	1400	8500		
RS-7	6/19/94	195.99	4.07	191.92	83000	22000	19000	1500	9500		
RS-7	9/17/94	195.99	4.05	191.94	270000	13000	15000	2100	1100		
RS-7	3/12/95	195.99	3.72	192.27	35000	5100	560	6300	3600		
RS-7	10/4/95	195.99	4.03	191.96	96000	14000	14000	1300	7000		
RS-7	12/21/95	195.99	3.95	192.04	70000	9300	12000	860	5600	210	
RS-7	03/27/96	195.99	3.80	192.19	64000	8900	14000	1100	8300	< 3000	
RS-7	06/11/96	195.99	3.79	192.2	65000	12000	17000	1600	9700	<5000	
RS-7	09/04/96	195.99	3.99	192	20000	4900	2100	670	4400	100	
RS-7	12/11/96	195.99	3.78	192.21	17000	4400	7500	570	4600	180	
RS-7	2/21/97	195.99	3.82	192.17	93000	31000	47000	3800	23000	<0.5	*
RS-7	5/28/97	195.99	3.82	192.17	52000	12000	8200	2000	11000	<0.5	*
RS-7	9/2/97	195.99	3.96	192.03	28000	6100	2800	950	3800	<50	
RS-7	11/24/97	195.99	3.76	192.23	18000	4300	5900	600	2900	<0.5	*
RS-7	2/25/98	195.99	3.70	192.29	13000	4300	7100	1100	5800	<0.5	*
RS-7**	7/8/98	195.99	3.76	192.23	45000	10000	3400	2000	8000	<10	*
RS-7	7/30/98	195.99			72000	12000	2100	2000	9100		
RS-7	9/16/98	195.99	3.83	192.16	5000	6500	160	<2.5	500	<5	*
RS-7	11/24/98	195.99	3.77	192.22	19000	2100	1100	500	2100	<0.5	
RS-7	2/23/99	195.99	3.70	192.29	83000	6500	9900	1200	7000	<10	
RS-7	5/5/99	195.99	3.88	192.11	47000	7400	4800	1300	7400	540	
RS-7***	8/26/99	195.99	4.16	191.83	15000	3400	91	950	970	<5	
RS-7	11/10/99	195.99	4.12	191.87	10000	2900	170	630	1200	<0.5	
RS-7	2/9/00	195.99	3.98	192.01	9400	1400	120	480	600	<0.5	
RS-7	6/30/00	195.99	4.04	191.95	8200	3300	190	430	540	<0.5	
RS-7	8/8/00	195.99	4.06	191.93	11000	2300	150	430	520	<0.5	
RS-7	11/16/00	195.99	4.04	191.95	5400	1500	40	240	200	<0.5	
RS-7	3/8/01	195.99	3.94	192.05	12000	3300	260	480	850	17	****
RS-7	5/31/01	195.99	4.01	191.98	10000	1900	120	320	620	<100	****
RS-7	12/18/01	195.99	4.81	191.18	2700	450	21	86	120	2.3	****
RS-7	2/19/02	195.99	3.91	192.08	20000	2600	360	570	1900	11	****
RS-7	5/7/02	195.99	3.97	192.02	9200	1400	120	360	780	6.6	****
RS-7	8/6/02	195.99	4.06	191.93	8300	1300	71	250	480	<10	****
RS-7	11/5/02	195.99	4.11	191.88	9300	1500	90	330	680	<10	****
RS-7	12/12/02	195.99	4.13	191.86							
RS-7	3/13/03	195.99	4.02	191.97	5500	990	51	180	330	6.1	****
RS-7	5/6/03	195.99	3.98	192.01	4800	740	36	160	310	4.7	****
RS-7	8/13/03	195.99	4.09	191.9	9400	1300	65	310	620	6.1	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						(1)	(150)	(300)	(1800)	(13)	
RS-8	12/14/89										
RS-8	09/04/96										
RS-8	12/11/96										
RS-8	2/21/97										
RS-8	5/28/97										
RS-8	9/2/97										
RS-8	11/24/97										
RS-8	2/25/98										
RS-8	7/8/98										
RS-8	9/16/98										
RS-8	11/24/98										
RS-8	2/23/99										
RS-8	5/5/99										
RS-8***	8/26/99	214.67	7.25	207.42	160000	24000	35000	4200	24000	<5	
RS-8	11/10/99	214.67	8.69	205.98	150000	21000	29000	3000	14000	<0.5	
RS-8	2/9/00	214.67	7.23	207.44	14000	1900	3200	270	2300	<0.5	
RS-8	6/30/00	214.67	3.99	210.68	6400	570	870	150	770	<0.5	
RS-8	8/8/00	214.67	7.52	207.15	100000	24000	40000	2300	9900	<0.5	*
RS-8	11/16/00	214.67	6.14	208.53	110000	14000	21000	2100	9600	<20	*
RS-8	3/8/01	214.67	9.40	205.27	10000	740	840	220	990	<2	****
RS-8	5/31/01	214.67	6.83	207.84	730	11	29	4.2	31	<5	****
RS-8	12/18/01	214.67	7.14	207.53	4500	230	370	77	750	<0.5	****
RS-8	2/19/02	214.67	7.69	206.98	780	33	21	5.1	45	<0.5	****
RS-8	5/7/02	214.67	7.82	206.85	24000	1500	1800	830	2700	<10	****
RS-8	8/6/02	214.67	13.46	201.21		0.04	feet floating product				
RS-8	11/5/02	214.67	13.96	200.71		0.40	feet floating product				
RS-8	12/12/02	214.67	14.38	200.29		0.08	feet floating product				
RS-8	3/13/03	214.67	10.99	203.68	90000	1100	14000	2500	12000	<50	****
RS-8	5/6/03	214.67	5.35	209.32	1600	6.7	46	21	170	<0.5	****
RS-8	8/13/03	214.67	11.96	202.71	100000	1200	10000	2500	13000	<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	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)	(150)	(300)	(1800)	(13)	
RS-9	12/14/89										
RS-9***	09/04/96										
RS-9***	12/11/96										
RS-9***	2/21/97										
RS-9***	5/28/97										
RS-9***	9/2/97										
RS-9***	11/24/97										
RS-9***	2/25/98										
RS-9***	7/8/98										
RS-9***	9/16/98										
RS-9***	11/24/98										
RS-9***	2/23/99										
RS-9***	5/5/99										
RS-9***	8/26/99	195.63	7.46	188.17	17000	3500	1200	360	1600	180	*
RS-9	11/10/99	195.63	7.91	187.72	2800	520	62	46	130	<0.5	
RS-9	2/9/00	195.63	6.09	189.54	3400	650	74	64	130	<0.5	
RS-9	6/30/00	195.63	6.77	188.86	3000	600	79	74	120	<0.5	
RS-9	8/8/00	195.63	7.32	188.31	4900	500	430	160	530	<0.5	
RS-9	11/16/00	195.63	6.33	189.3	3000	350	220	90	220	<0.5	
RS-9	3/8/01	195.63	4.93	190.7	<50	3.4	<0.5	<0.5	<0.5	<0.5	****
RS-9	5/31/01	195.63	4.01	191.62	510	96	6	6.2	9.1	5.5	****
RS-9	12/18/01	195.63	4.81	190.82	210	11	1.8	3.9	7.6	<0.5	****
RS-9	2/19/02	195.63	4.99	190.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-9	5/7/02	195.63	6.08	189.55	130	7.9	<0.5	1.2	<0.5	0.67	****
RS-9	8/6/02	195.63	6.93	188.7	380	29	1.2	2.3	2.9	3.1	****
RS-9	11/5/02	195.63	7.53	188.1	1800	240	9	27	110	8.6	****
RS-9	12/12/02	195.63	7.23	188.4							
RS-9	3/13/03	195.63	5.73	189.9	410	30	3	6	9.5	3.3	****
RS-9	5/6/03	195.63	4.83	190.8	910	72	15	9.2	26	5.5	****
RS-9	8/13/03	195.63	8.24	187.39	810	20	<0.5	2.4	1.6	3.6	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)											
RS-10	12/14/89										
RS-10***	09/04/96										
RS-10***	12/11/96										
RS-10***	2/21/97										
RS-10***	5/28/97										
RS-10***	9/2/97										
RS-10***	11/24/97										
RS-10***	2/25/98										
RS-10***	7/8/98										
RS-10***	9/16/98										
RS-10***	11/24/98										
RS-10***	2/23/99										
RS-10***	5/5/99										
RS-10***	8/26/99	208.46	3.76	204.7	5100	160	340	190	1000	32	*
RS-10	11/10/99	208.46	3.83	204.63	500	7	2	2	4	<0.5	
RS-10	2/9/00	208.46	0.31	208.15	100	4	3	1	6	<0.5	
RS-10	6/30/00	208.46	2.22	206.24	640	5	2	4	2	<0.5	
RS-10	8/8/00	208.46	2.46	206	460	2	2	2	7	<0.5	
RS-10	11/16/00	208.46	2.46	206	360	1	1	2	<1	<0.5	
RS-10	3/8/01	208.46	2.82	205.64	53	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/31/01	208.46	4.93	203.53	210	<0.5	<0.5	1.5	5	<5	****
RS-10	12/18/01	208.46	2.10	206.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	2/19/02	208.46	2.29	206.17	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/7/02	208.46	2.92	205.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/6/02	208.46	4.11	204.35	<50	<0.5	0.7	<0.5	1.6	<0.5	****
RS-10	11/5/02	208.46	4.05	204.41	54	<0.5	1.2	<0.5	1.1	<0.5	****
RS-10	12/12/02	208.46	6.81	201.65							
RS-10	3/13/03	208.46	3.00	205.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	5/6/03	208.46	2.55	205.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RS-10	8/13/03	208.46	3.68	204.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
(CALIFORNIA PUBLIC HEALTH GOAL)						(1)	(150)	(300)	(1800)	(13)	
R1	12/14/89										
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	9/2/97	227.69	14.98	212.71	4400	320	6	340	72	20	
R1	11/24/97	227.69	14.06	213.63	100	39	1	18	10	<0.5	
R1	2/25/98	227.69	8.93	218.76	1200	400	8	13	150	<0.5	
R1	7/8/98	227.69	11.36	216.33	68	14	< 0.5	< 0.5	< 1	<1	*
R1	9/16/98	227.69	13.30	214.39	16000	3400	92	< 0.5	410	<1	*
R1	11/24/98	227.69	10.72	216.97	340	19	1.6	35	9.7	<0.5	
R1	2/23/99	227.69	9.34	218.35	60	16	0.6	5.6	1.2	<0.5	
R1	5/5/99	227.69	11.30	216.39	1300	290	3	150	1	15	
R1	8/26/99	227.69	13.97	213.72	6500	630	<0.5	1300	<1	<1	
R1	11/10/99	227.69	13.73	213.96	480	12	4	22	9	<0.5	
R1	2/9/00	227.69	13.10	214.59	<50	8	<0.5	1	<1	<0.5	
R1	6/30/00	227.69	13.42	214.27	2600	350	35	1900	220	<0.5	
R1	8/8/00	227.69	14.25	213.44	10000	910	76	2100	390	<0.5	
R1	3/8/01	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
R1	3/8/01	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/31/01	227.69	15.77	211.92	3800	400	16	470	67	<5	****
R1	12/18/01	227.69	9.90	217.79	<50	<0.5	<0.5	1.5	<0.5	<0.5	****
R1	2/19/02	227.69	10.86	216.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/7/02	227.69	16.17	211.52	53	3.3	<0.5	1	<0.5	<0.5	****
R1	8/6/02	227.69	16.83	210.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	11/5/02	227.69	16.92	210.77	dry, groundwater deeper than 210.77 foot elevation						
R1	12/12/02	227.69	16.94	210.75							
R1	3/13/03	227.69	15.69	212	<50	4.5	<0.5	<0.5	<0.5	<0.5	****
R1	5/6/03	227.69	10.75	216.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R1	8/13/03	227.69	16.04	211.65	430	17	<0.5	1.4	1.1	<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#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
(CALIFORNIA PUBLIC HEALTH GOAL)											
R2	12/14/89										
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	9/2/97	230.68	14.16	216.52	30000	12000	330	1000	790	47	
R2	11/24/97	230.68	14.71	215.97	41000	15000	830	1500	4200	<0.5	*
R2	2/25/98	230.68	7.39	223.29	800	400	<0.5	<0.5	15	<0.5	*
R2	7/8/98	230.68	11.27	219.41	290	31	< 0.5	1	< 1	2	*
R2	9/16/98	230.68	13.73	216.95	6600	11000	24	<0.5	35	<1	*
R2	11/24/98	230.68	11.67	219.01	6100	<0.5	36	<0.5	21	<0.5	
R2	2/23/99	230.68	7.55	223.13	1100	310	3	2	26	<0.5	
R2	5/5/99	230.68	10.89	219.79	11000	5300	7	36	7	8	
R2	8/26/99	227.28	13.14	214.14	6700	940	33	190	240	<1	*
R2	11/10/99	227.28	14.42	212.86	5100	2600	160	1800	8100	<0.5	*
R2	2/9/00	227.28	12.45	214.83	4700	1400	110	130	340	<0.5	
R2	6/30/00	227.28	12.94	214.34	7100	3200	110	300	480	<0.5	
R2	8/8/00	227.28	13.58	213.7	30000	13000	250	1000	2700	<0.5	
R2	11/16/00	227.28	14.33	212.95	44000	17000	230	790	3600	<0.5	
R2	3/8/01	227.28	11.15	216.13	2300	640	8.6	61	170	<2	****
R2	5/31/01	227.28	13.38	213.9	2200	580	12	72	100	<25	****
R2	12/18/01	227.28	12.35	214.93	4900	2000	120	44	280	<5	****
R2	2/19/02	227.28	11.32	215.96	2100	1200	<5	14	<5	<5	****
R2	5/7/02	227.28	13.15	214.13	2500	660	7.5	170	26	<2.5	****
R2	8/6/02	227.28	14.51	212.77	6300	1800	150	220	340	<5	****
R2	11/5/02	227.28	15.46	211.82	11000	3000	140	57	620	<20	****
R2	12/12/02	227.28	15.70	211.58							
R2	3/13/03	227.28	12.96	214.32	580	200	1.2	5.4	3.8	<1	****
R2	5/6/03	227.28	11.14	216.14	70	25	<0.5	<0.5	1.3	<0.5	****
R2	8/13/03	227.28	14.01	213.27	1800	340	8	49	12	<2	****

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) (CALIFORNIA PUBLIC HEALTH GOAL)											
R3	12/14/89										
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	9/2/97	230.32	10.86	219.46	<50	4	<0.5	<0.5	<1	<0.5	*
R3	11/24/97	230.32	11.20	219.12	not enough water to sample. No sample						
R3	2/25/98	230.32	3.42	226.9	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	7/8/98	230.32	8.78	221.54	140	<0.5	<0.5	4	24	<1	*
R3	9/16/98	230.32	10.38	219.94	<50	<0.5	<0.5	<0.5	<1	<1	*
R3	11/24/98	230.32	11.12	219.2	not enough water to sample. No sample						
R3	2/23/99	230.32	3.95	226.37	<50	<0.5	<0.5	<0.5	<1	<0.5	*
R3	5/5/99	230.32	7.58	222.74	80	9	<0.5	<0.5	<1	6	
R3	8/26/99	227.25	10.76	216.49	<50	2	<0.5	<0.5	<1	1	*
R3	11/10/99	227.25	11.09	216.16	140	3	4	1	11	<0.5	
R3	2/9/00	227.25	8.76	218.49	<50	2	<0.5	<0.5	<1	<0.5	
R3	6/30/00	227.25	9.67	217.58	<50	0.7	<0.5	1	1	<0.5	
R3	8/8/00	227.25	10.44	216.81	72	<0.5	<0.5	<0.5	<1	<0.5	
R3	11/16/00	227.25	10.26	216.99	110	4	1	<0.5	3	<0.5	
R3	3/8/01	227.25	6.54	220.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/31/01	227.25	10.01	217.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	12/18/01	227.25	6.79	220.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	2/19/02	227.25	7.86	219.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/7/02	227.25	9.20	218.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/6/02	227.25	10.62	216.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	11/5/02	227.25	11.07	216.18	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
R3	12/12/02	227.25	11.28	215.97							
R3	3/13/03	227.25	8.69	218.56	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	5/6/03	227.25	8.02	219.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
R3	8/13/03	227.25	11.74	215.51	DRY						

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

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

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL	TPH-G (UG/L)	BENZENE (UG/L) (1)	TOLUENE (UG/L) (150)	ETHYL-BENZENE (UG/L) (300)	XYLENES (UG/L) (1800)	MTBE (UG/L) (13)	
(CALIFORNIA PUBLIC HEALTH GOAL)											
T 1	12/14/89										
T 1	09/04/96										
T 1	12/11/96										
T 1	2/21/97										
T 1	5/28/97										
T 1	9/2/97										
T 1	11/24/97										
T 1	2/25/98										
T 1	7/8/98										
T 1	9/16/98										
T 1	11/24/98										
T 1	2/23/99										
T 1	5/5/99										
T 1***	8/26/99	195.11	2.44	192.67	40000	7200	5000	950	8100	53	*
T 1	11/10/99	195.11	2.23	192.88	46000	5600	3600	910	6500	<0.5	
T 1	2/9/00	195.11	2.22	192.89	35000	2900	5700	720	6600	<0.5	
T 1	6/30/00	195.11	2.22	192.89	30000	3400	3200	950	4600	<5	
T 1	8/8/00	195.11	2.73	192.38	8900	1600	760	260	870	<5	
T 1	11/16/00	195.11	2.72	192.39	4000	1300	92	80	290	<0.5	
T 1	3/8/01	195.11	2.12	192.99	25000	4400	3400	770	3200	26	****
T 1	5/31/01	195.11	2.30	192.81	8900	940	210	340	1500	<50	****
T 1	12/18/01	195.11	2.20	192.91	48000	3700	5500	1200	5300	24	****
T 1	2/19/02	195.11	1.96	193.15	64000	8600	6000	1700	6800	55	****
T 1	5/7/02	195.11	2.22	192.89	41000	9200	910	2000	6200	62	****
T 1	8/6/02	195.11	2.32	192.79	28000	5500	240	1300	2600	32	****
T 1	11/5/02	195.11	2.52	192.59	11000	3000	65	660	610	18	****
T 1	12/12/02	195.11	2.55	192.56							
T 1	3/13/03	195.11	2.23	192.88	930	150	17	23	60	2.6	****
T 1	5/6/03	195.11	2.37	192.74	6800	1000	230	310	820	10	****
T 1	8/13/03	195.11	2.41	192.7	9600	1500	110	440	910	10	****

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
**** SAMPLES ANALYZED USING EPA METHOD 8260B

TABLE 2
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
SOIL BORINGS/MONITOR WELLS INSTALLATIONS BY RSI										
RS-1	RSI	12/11/89	5	16	na	na	na	na		
RS-1	RSI	12/11/89	10	33	na	na	na	na		
RS-1	RSI	12/11/89	15	<1	na	na	na	na		
RS-1	RSI	12/11/89	20	<1	<0.003	0.008	<0.003	<0.003		
RS-1	RSI	12/11/89	25	10	0.056	0.12	0.041	0.13		
RS-1	RSI	12/11/89	30	<1	<0.003	0.012	<0.003	<0.003		
RS-2	RSI	12/11/89	5	<1	na	na	na	na		
RS-2	RSI	12/11/89	10	11	na	na	na	na		
RS-2	RSI	12/11/89	15	<1	na	na	na	na		
RS-2	RSI	12/11/89	20	<1	<0.003	0.017	<0.003	<0.003		
RS-3	RSI	12/11/89	5	<1	<0.003	0.043	<0.003	0.008		
RS-3	RSI	12/11/89	10	<1	<0.003	0.02	<0.003	<0.003		
RS-4	RSI	12/12/89	5	50	0.78	3.4	0.74	4.1		
RS-4	RSI	12/12/89	10	8	0.25	0.94	0.17	0.92		
RS-5	RSI	12/12/89	5	<1	na	na	na	na		
RS-5	RSI	12/12/89	10	<1	na	na	na	na		
RS-5	RSI	12/12/89	15	<1	na	na	na	na		
RS-5	RSI	12/12/89	20	530	1.5	8.4	3.9	22		
RS-5	RSI	12/12/89	25	4	0.7	0.42	0.58	0.26		
RS-5	RSI	12/12/89	30	1600	na	na	na	na		
RS-5	RSI	12/12/89	35	<1	na	na	na	na		
RS-5	RSI	12/12/89	40	1	0.036	0.069	0.009	0.043		
RS-6	RSI	12/13/89	5	<1	na	na	na	na		
RS-6	RSI	12/13/89	10	<1	na	na	na	na		
RS-6	RSI	12/13/89	15	<1	na	na	na	na		
RS-6	RSI	12/13/89	20	<1	0.017	0.007	<0.003	0.015		
RS-6	RSI	12/13/89	25	<1	0.009	0.011	<0.003	<0.003		
RS-6	RSI	12/13/89	30	<1	na	na	na	na		
RS-6	RSI	12/13/89	35	<1	0.005	0.007	<0.003	0.006		
RS-7(SB-1)	RSI	12/14/89	STOCKPI	130	0.46	3.6	1	7.6		
RS-7(SB-2)	RSI	12/14/89	STOCKPI	370	1.1	13	4.4	29		
SOIL BORINGS ALONG SEWER LATERAL										
DPO-SS1	WWC	7/24/90	3.5	<1	<0.005	<0.005	<0.005	<0.005		
DPO-SS1	WWC	7/24/90	5	<1	0.005	<0.005	<0.005	0.011		
DPO-SB1	WWC	8/21/90	5	390	2.5	17	9.4	47		
DPO-SB2	WWC	8/21/90	5	41	0.31	1.4	0.92	4.4		
DPO-SB2	WWC	8/21/90	10	230	3.5	21	5	43		
DPO-SB2	WWC	8/21/90	15	<1	0.052	0.13	0.019	0.099		
DPO-SB2	WWC	8/21/90	20	<1	0.03	0.033	0.0076	0.03		
DPO-SB3	WWC	9/19/90	15	<1	<0.005	<0.005	<0.005	0.0073		

TABLE 2
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
SOIL BORINGS AT 4003 AND 4006 BRIGHTON AVENUE										
SB-A	LF	9/8/93	5	<0.2	<0.005	<0.005	<0.005	<0.005		
SB-A	LF	9/8/93	15	<0.2	<0.005	<0.005	<0.005	<0.005		
SB-B	LF	9/8/93	5	<0.2	<0.005	<0.005	<0.005	<0.005		
SB-B	LF	9/8/93	12.5	400	1.7	17	8.2	44		
LF-1	LF	9/9/93	6	<0.2	<0.005	<0.005	<0.005	<0.005		
LF-1	LF	9/9/93	15.5	<0.2	<0.005	<0.005	<0.005	<0.005		
UST AND PIPING REMOVAL DOCUMENTATION SAMPLING										
REGULAR LEADED STEEL UST										
T1A	WEGE	6/23/94	14	2	0.022	0.075	0.03	0.16		
T1B	WEGE	6/23/94	14	<1	0.027	0.028	0.006	0.026		
UNLEADED STEEL UST										
T2A	WEGE	6/23/94	14	<1	0.022	0.027	0.005	0.022		
T2B	WEGE	6/23/94	14	<1	0.017	0.025	0.005	0.02		
UNLEADED FIBERGLASS UST										
T3A	WEGE	6/23/94	14	<1	0.013	0.012	<0.005	<0.015		
T3B	WEGE	6/23/94	14	<1	0.013	0.011	<0.005	<0.015		
WASTE OIL UST										
WO-1	WEGE	6/23/94	7.5	3	0.063	0.34	0.048	0.23		
PRODUCT DISPENSING SYSTEM										
PL-1	WEGE	6/23/94	2.5	<1	0.01	<0.005	<0.005	0.02		
PL-2	WEGE	6/23/94	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	8/8/95	13	3	0.005	0.009	0.046	0.36		
SWB-6	WEGE	8/8/95	6	<1	<0.005	<0.005	<0.005	<0.005		
SWC-13	WEGE	8/8/95	13	3	<0.005	<0.005	<0.005	0.022		
SWD-6	WEGE	8/8/95	6	<1	<0.005	<0.005	<0.005	<0.005		
SWE-11.5	WEGE	8/8/95	11.5	<1	<0.005	<0.005	<0.005	<0.005		
F-14	WEGE	8/8/95	14	3	0.12	0.24	0.053	0.29		
G-17	WEGE	8/8/95	17	6	0.16	0.31	0.11	0.68		
H-SW-BOT-16	WEGE	8/10/95	16	1000	3.6	31	14	77		
I-SW BUILD 8	WEGE	8/10/95	8	2000	4.5	35	18	130		
J-BOT WEST	WEGE	8/11/95	13	<1	<0.005	<0.005	<0.005	<0.005		
K-SW WEST 8	WEGE	8/11/95	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	8/14/95	12	<1	<0.005	<0.005	<0.005	<0.005		
PI-2	WEGE	8/14/95	7	<1	0.011	<0.005	0.005	0.03		
PI-3	WEGE	8/14/95	8	<1	<0.005	<0.005	<0.005	<0.005		
PI-4	WEGE	8/14/95	6	<1	<0.005	<0.005	<0.005	<0.005		

TABLE 2
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
HYDRAULIC HOIST AREAS										
SLP-7	WEGE	8/16/95	7	na						
SLP-14.5	WEGE	8/16/95	14.5	1200	8.8	25	18	92		
NPL-7	WEGE	8/16/95	7	na						
WASTE OIL UST										
T1-17	WEGE	8/31/95	17	940	2.1	3.3	7.9	33		
EXPLORATORY PIT WEST OF BUILDING										
T2-11.5	WEGE	8/31/95	11.5	<1	<0.005	<0.005	<0.005	<0.005		
T2-17.5	WEGE	8/31/95	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	9/5/95	5	<1	0.005	0.005	<0.005	0.015		
MW1-10	WEGE	9/5/95	10	<1	<0.005	<0.005	<0.005	<0.005		
MW1-15	WEGE	9/5/95	15	<1	<0.005	<0.005	<0.005	<0.005		
MW1-20	WEGE	9/5/95	20	<1	<0.005	<0.005	<0.005	<0.005		
SEWER LATERAL INVESTIGATION										
BH1-5	WEGE	5/1/96	5	<0.2	<0.005	<0.005	<0.005	<0.005		
BH1-10	WEGE	5/1/96	10	31	<0.005	0.16	0.22	0.71		390
BH2-5.5	WEGE	5/2/96	5.5	<0.2	<0.005	<0.005	<0.005	<0.005		2400
BH3-5	WEGE	5/2/96	5	<0.2	<0.005	<0.005	<0.005	<0.005		
BH3-8.5	WEGE	5/2/96	8.5	<0.2	<0.005	<0.005	<0.005	<0.005		
BH3-10.5	WEGE	5/2/96	10.5	<0.2	0.09	<0.005	<0.005	0.021		340
BH4-6.5	WEGE	5/2/96	6.5	<0.2	<0.005	<0.005	<0.005	<0.005		
BH4-8.5	WEGE	5/2/96	8.5	<0.2	<0.005	<0.005	<0.005	<0.005		460
BH5-5	WEGE	5/2/96	5	<0.2	<0.005	<0.005	<0.005	<0.005		
BH5-6.5	WEGE	5/2/96	6.5	<0.2	<0.005	<0.005	<0.005	<0.005		5700
AUGER 1	WEGE	1/17/97	0.9	0.5	<0.005	0.017	<0.005	<0.01	0.14	
AUGER 2	WEGE	1/17/97	7	0.68	0.024	0.032	0.009	0.024	0.07	
AUGER 3	WEGE	1/17/97	4.5	<0.5	<0.005	0.017	<0.005	<0.01	0.085	
ADDITIONAL MONITOR WELLS ALONG SEWER LATERAL										
RS8-10	WEGE	8/2/99	10	160	0.49	0.79	2.6	6.2	<0.005	
RS9-6	WEGE	8/3/99	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	
RS9-10	WEGE	8/3/99	10	67	0.41	2	0.87	4.9	<0.005	
RS10-6	WEGE	8/5/99	6	<0.5	0.005	<0.005	<0.005	<0.01	<0.005	
RS10-9.5	WEGE	8/5/99	9.5	870	11	62	21	120	<0.005	
RECEPTOR TRENCH DOCUMENTATION SAMPLES										
TRENCH-A-15	WEGE	8/4/99	15	<0.5	0.072	0.011	0.008	0.015	<0.005	
TRENCH-B-10	WEGE	8/4/99	10	140	2	4	2.4	10	<0.005	
TRENCH-C-14	WEGE	8/4/99	14	<0.5	0.009	0.017	0.005	0.031	<0.005	
TRENCH-D-10.5	WEGE	8/5/99	10.5	<0.5	<0.005	0.006	<0.005	0.017	<0.005	
TRENCH-E-5	WEGE	8/5/99	5	4000	17	260	110	580	<0.005	
TRENCH-F-10.5	WEGE	8/5/99	10.5	<0.5	0.064	0.015	0.01	0.046	<0.005	

TABLE 2
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
TRENCH-G-7	WEGE	8/6/99	7	1100	1.4	70	34	180	4.5	
TRENCH-H-10.5	WEGE	8/6/99	10.5	<0.5	<0.005	<0.005	<0.005	0.018	<0.005	
TRENCH-I-5	WEGE	8/6/99	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	
TRENCH-J-10	WEGE	8/6/99	10	<0.5	0.021	0.079	0.011	0.057	<0.005	
TRENCH-K-12.5	WEGE	8/9/99	12.5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	
TRENCH-L-10	WEGE	8/9/99	10	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	
TRENCH-M-6	WEGE	8/12/99	6	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	
TRENCH-N-8	WEGE	8/12/99	8	<0.5	0.012	0.005	<0.005	0.012	<0.005	
TRENCH-O-10	WEGE	8/12/99	10	<0.5	0.011	<0.005	<0.005	0.011	<0.005	
TRENCH-P-6	WEGE	8/12/99	6	<0.5	0.045	<0.005	<0.005	<0.01	<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

Free Product Recovery
Desert Petroleum StationDP793
4035 Park Blvd., Oakland, California

TABLE 3

WELL #	DATE	DTW FEET	BAILED INCHES	BAILED GALLONS	WATER INCHES	WATER RECOVER	TOTAL GALLONS GASOLINE	TOTAL GALLONS WATER	ACCUMULATIVE GALLONS GASOLINE	ACCUMULATIVE GALLONS WATER
									0	0
RS 8	11/20/02	14.73	6.9	0.053	0.8	0.006				
			2.5	0.019	0.3	0.002				
			1.2	0.009	0	0.000				
			0.3	0.002	0	0.000	0.083	0.008	0.083	0.008
RS 8	11/27/02	nm	1.4	0.011	1.5	0.011				
			1.2	0.009	0.4	0.003				
			0.9	0.007	0	0.000				
			0	0.000	0	0.000	0.027	0.015	0.110	0.023
RS 8	12/5/02	14.76	1.3	0.010	0.6	0.005				
			1	0.008	0	0.000				
			0.3	0.002	0	0.000				
			0	0.000	0	0.000	0.020	0.005	0.130	0.028
RS 8	12/12/02	14.38	0.9	0.007	7.1	0.054				
			0.5	0.004	1.8	0.014				
			0.4	0.003	0.3	0.002				
			0	0.000	0	0.000	0.014	0.070	0.144	0.098

nm not measured
internal diameter of product bailer = 1.5 inches

TABLE 4
GROUNDWATER ELEVATIONS AND ELECTRON ACCEPTOR RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

(All concentrations in parts per million [mg/L, ppm] unless otherwise noted)
(AMSL = Above mean sea level)

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	FIELD MEASUREMENTS: DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	DISSOLVED OXYGEN O2 (MG/L)	SULFATE SO4 (MG/L)	NITRATE NO3 (MG/L)	FERROUS IRON FE2 (MG/L)	TEMP-ERATURE (F)	pH	CERTIFIED LABORATORY RESULTS DISSOLVED IN WATER: TOTAL PETROLEUM HYDROCARBONS GASOLINE (MG/L)	CARBON DI OXIDE CO2 (MG/L)	METHANE CH4 (MG/L)	AEROBIC HYDROCARBON DEGRADING BACTERIA CFU/ML	ORTHO-PHOSPHATE PO4 (MG/L)	AMMONIA as NITROGEN N (MG/L)
MW-1	8/26/99	229.57	11.41	218.16	4.9	35	0	0.25	75.4	6.55	<0.05					
	9/2/99	229.57	11.65	217.92					72.9	8.16		0.13	<0.00001	10	<1	<0.5
	3/8/01	229.57	12.30	217.27	4.9				67.6	7.33	<0.05					
	12/18/01	229.57	13.74	215.83	4.4	61	7.6	0	67.1	7.63	<0.05					
RS-2	8/26/99	227.39	11.42	215.97	0.7	46	2.7	0.65	80.9	6.97	0.2					
	9/2/99	227.39	12.00	215.39								nm	nm	nm	nm	nm
	12/18/01	227.39	6.99	220.4	4.6	>77	11.4	0.07	67.6	7.75	<0.05					
RS-5	8/26/99	227.61	16.06	211.55	0.7	31	1.3	0.92	71.7	7.08	35					
	9/2/99	227.61	16.26	211.35					68.4	7.15		0.16	0.00021	3000	<1	<0.5
	3/8/01	227.61	27.72	199.89	3.1				59.7	7.46	11					
	12/18/01	227.61	15.61	212	1.4	37	8.2	>3.3	66.6	6.83	12					
RS-6	8/26/99	227.22	13.72	213.5	1.2	76	0.3	>3.3	77.8	6.66	0.69					
	9/2/99	227.22	14.14	213.08					69	6.69		0.36	<0.00001	400	<1	<0.5
	12/18/01	227.22	10.88	216.34	4.3	>77	0	0	66.7	6.84	0.056					
RS-7	8/26/99	195.99	4.16	191.83	0.3	>77	0.8	1.27	73.4	6.99	15					
	9/2/99	195.99	4.14	191.85								nm	nm	nm	nm	nm
	12/18/01	195.99	4.81	191.18	2.5	1	6	0.67	68.1	6.82	2.7					
RS-8	8/26/99	214.67	7.25	207.42	2.6	0	0	0.54	69.2	6.7	160					
	9/2/99	214.67	7.38	207.29					71.7	5.74		0.058	0.000018	6600	<1	<0.5
	3/8/01	214.67	9.40	205.27	2.2				63.3	6.97	10					
	12/18/01	214.67	7.14	207.53	4.2	49	9.2	0.08	67.3	6.98	0.23					
RS-9	8/26/99	195.63	7.46	188.17	2.1	7	0	0.59	73.5	6.95	17					
	9/2/99	195.63	7.61	188.02					70.9	6.98		0.25	0.0021	10000	<1	<0.5
	3/8/01	195.63	4.93	190.7	8.1				62.7	6.89	<0.05					
	12/18/01	195.63	4.81	190.82	WATER TO CLOUDY, LIGHT GREY				68.3	6.8	0.21					
RS-10	8/26/99	208.46	3.76	204.7	4.2	nm	nm	nm	70.9	8.03	5.1					
	9/2/99	208.46	3.96	204.5					73.3	7.24		0.1	0.000037	8800	<1	<0.5
	3/8/01	208.46	2.82	205.64	3.5				61.5	6.16	0.059					
	12/18/01	208.46	2.10	206.36	4.3	46	4.1	0	66.9	6.54	<0.05					
R1	8/26/99	227.69	13.97	213.72	0.4	9	0	>3.3	70.6	6.38	6.5					
	9/2/99	227.69	14.18	213.51								nm	nm	nm	nm	nm
	12/18/01	227.69	9.90	217.79	5.2	14	4.2	0	66.4	7.24	<0.05					
R2	8/26/99	227.28	13.14	214.14	0.4	>77	0.8	0.3	72.7	6.65	6.7					
	9/2/99	227.28	13.23	214.05								nm	nm	nm	nm	nm
	12/18/01	227.28	12.35	214.93	2.8	>77	1.3	0.07	66.5	6.69	4.9					

TABLE 4
GROUNDWATER ELEVATIONS AND ELECTRON ACCEPTOR RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

(All concentrations in parts per million [mg/L, ppm] unless otherwise noted)
(AMSL = Above mean sea level)

ID#	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	FIELD MEASUREMENTS: DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	DISSOLVED OXYGEN O2 (MG/L)	SULFATE SO4 (MG/L)	NITRATE NO3 (MG/L)	FERROUS IRON FE2 (MG/L)	TEMP-ERATURE (F)	pH	CERTIFIED LABORATORY RESULTS DISSOLVED IN WATER: TOTAL PETROLEUM HYDROCARBONS GASOLINE (MG/L)	CARBON DI OXIDE CO2 (MG/L)	METHANE CH4 (MG/L)	AEROBIC HYDROCARBON DEGRADING BACTERIA CFU/ML	ORTHO-PHOSPHATE PO4 (MG/L)	AMMONIA as NITROGEN N (MG/L)
R3	8/26/99	230.32	10.76	219.56	2.5	>77	0.7	0.05	75	6.95	<0.05	nm	nm	nm	nm	nm
	9/2/99	230.32	10.87	219.45												
	12/18/01	230.32	6.79	223.53	5.5	>77	6.2	0	67.1	6.91	<0.05					
T 1	8/26/99	195.11	2.44	192.67	0.8	32	0.5	0.03	75.3	7.29	40					
	9/2/99	195.11	2.20	192.91					78.1	7.57		0.11	0.00019	1300	<1	<0.5
	3/8/01	195.11	2.18	192.93	3.1						25					
	12/18/01	195.11	2.20	192.91	2.8	0	4.3	0.6	66.3	6.52	48					
T 2	8/26/99	195.3	CAR		nm	nm	nm	nm	nm	nm	NA					
	9/2/99	195.3	CAR									nm	nm	nm	nm	nm
T 3	8/26/99	202.38	CAR		nm	nm	nm	nm	nm	nm	NA					
	9/2/99	202.38	CAR									nm	nm	nm	nm	nm
T 4	8/26/99	197.48	CAR		nm	nm	nm	nm	nm	nm	NA					
	9/2/99	197.48	CAR									nm	nm	nm	nm	nm
LF-1	8/26/99	226.59	CAR		nm	nm	nm	nm	nm	nm	NA					
	9/2/99	226.59	CAR						nm	nm		nm	nm	nm	nm	nm

NA NOT ANALYZED
nm NOT MEASURED
CAR CAR PARKED OVER WELL, NO ACCESS
MG/L milligrams per liter (ppm)
F degrees Fahrenheit
CFU/ML colony forming units per milliliter
< below laboratory lower detection limits.
AMSL ABOVE MEAN SEA LEVEL

TABLE 5
GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

DATE PURGED	METER READING IN GALLONS RS5	METER READING IN GALLONS TRENCH	DEPTH TO TOP OF WATER IN FEET T1	GALLONS PURGED T1 and/or 1/4ly monitoring &WELLS in GALLONS	ACCUMULATED GALLONS REMOVED FROM TRENCH	Accumulated gallons removed from RS5 Gallons	TOTAL GALLONS REMOVED	INFLUENT CONCENTRATIONS EPA METHOD 8020 TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L	Sample Location
					0									
3/21/02	1235760.0	1235760.0		0	62995	78919.3	141914.2	set pump into RS5, restart pumping from RS-5						
3/27/02	1243817.8	1243817.8		0	62995	86977.1	149972.0							
4/11/02	1259678.6	1259678.6		0	62995	102837.9	165832.8							
5/7/02	1283903.1	1283903.1	2.22	132	63127	126930.4	190057.3	41000	9200	910	2000	6200	62	T1
6/6/02	1308480.0	1308480.0		0	63127	151507.3	214634.2							
7/18/02	1330934.8	1330934.8		0	63127	173962.1	237089.0							
8/6/02	1340694.7	1340694.7		0	63127	183722.0	246848.9	28000	5500	240	1300	2600	32	T1
9/12/02	1364301.5	1364301.5		0	63127	207328.8	270455.7	12000	270	330	130	1100	2	RS5
10/30/02	1389884.7	1389884.7		0	63127	232912.0	296038.9							
11/5/02	1392931.0	1392931.0		0	63127	235958.3	299085.2	12000	150	360	21	890	<2	RS5
12/12/02	1408784.2	1410216.0		1432	64559	251811.5	316370.2							
1/9/03	1430304.1	1431653.1		1349	65908	271899.6	337807.3							
1/30/03	1447338.3	1448961.9	2.3	1624	67531	287584.8	355116.1							
2/19/03	1462658.4	1462658.4		0	67531	301281.3	368812.6							
3/13/03	1477211.2	1478624.6	2.23	1413	68945	315834.1	384778.8	240	5.5	1.9	2.3	9.6	1.4	RS5
3/26/03	1487952.3	1487952.3		0	68945	325161.8	394106.5							
4/3/03	1492921.1	1494226.5	2.27	1305	70250	330130.6	400380.7							
5/6/03	1509139.0	1510725.0	2.37	1586	71836	345043.1	416879.2	6800	1000	230	310	820	10	T1
5/21/03	1522165.2	1524709.6		2544	74381	356483.3	430863.8							
6/5/03	1536327.1	1536327.1		0	74381	368100.8	442481.3							
7/3/03	1558031.2	1558031.2		0	74381	389804.9	464185.4							
7/17/03	1567315.6	1568875.6	2.56	1560	75941	399089.3	475029.8							
8/13/03	1585901.5	1587475.1	2.41	1574	77514	416115.2	493629.3	310	1.4	<0.5	1	2.9	<0.5	RS5
9/4/03	1601163.7	1602640.5	2.67	1477	78991	429803.8	508794.7							
9/25/03	1614942.0	1614942.0		0	78991	442105.3	521096.2							

ams per liter (parts per billion)
grams per liter (parts per million)
BEO-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 6
WASTEWATER DISCHARGE PERMIT # 5043550 1
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

WASTEWATER SOURCE ID	DATE	METER READING IN GALLONS #35635668 314110	NEW METER IN GALLONS #47083426	GALLONS DISCHARGED BETWEEN VISITS	ACCUMULATIVE GALLONS DISCHARGED	AVERAGE DISCHARGE PER MINUTE IN GALLONS	EPA METHOD 624 BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	7420 LEAD ug/L	MTBE
F1 (PSP No. 1)	7/12/01		1228500	4875	137180	0.48	EPA METHOD 8260B					
F1 (PSP No. 1)	7/19/01		1232750.7	4251	141431	0.42	<0.5	<0.5	<0.5	<0.5		
REMOVE PUMP AND DISCONTINUE SEWER DISCHARGE ON July 19, 2001, COMMENCE 1/4LY DISCHARGE												
F1 (PSP No. 1) 1/4LY SAMPLES	12/18/01			238	141669	5.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1) 1/4LY SAMPLES	2/19/02			246	141915	5.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	3/21/02		1235760	0	141915	2.00	place pump back into RS-5					
F1 (PSP No. 1)	3/27/02		1243817.8	8058	149973	0.93						
F1 (PSP No. 1)	4/11/02		1259678.6	15861	165833	0.73	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	5/7/02		1283903.1	24225	190058	0.65						
F1 (PSP No. 1)	6/6/02		1308480	24577	214635	0.57						
F1 (PSP No. 1)	7/18/02		1330934.8	22455	237090	0.37						
F1 (PSP No. 1)	8/6/02		1340694.7	9760	246849	0.36	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	9/12/02		1364301.5	23607	270456	0.44	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	10/30/02		1389884.7	25583	296039	0.37						
F1 (PSP No. 1)	11/5/02		1392931	3046	299086	0.35						
F1 (PSP No. 1)	12/12/02		1410216	17285	316371	0.32	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	1/9/03		1431653.1	21437	337808	0.53						
F1 (PSP No. 1)	2/19/03		1462658.4	31005	368813	0.53						
F1 (PSP No. 1)	3/13/03		1478624.6	15966	384779	0.50	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	4/15/03		1496745.6	18121	402900	0.38						
F1 (PSP No. 1)	5/6/03		1516728.7	19983	422883	0.66	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	6/5/03		1536327.1	19598	442482	0.45						
F1 (PSP No. 1)	7/3/03		1558031.2	21704	464186	0.54						
F1 (PSP No. 1)	8/13/03		1587475.1	29444	493630	0.50	<0.5	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	9/12/03		1607619	20144	513774	0.47						

< BELOW LABORATORY LOWER DETECTION LIMITS

ug/L micrograms per liter (parts per billion)

Note: water meter #47083426 did not function during initial test, substitute meter #35635668 used until cleaned and tested. Re-installed January 28, 2000.

Note: water meter difference from 7/19/2001 to 3/21/2002 is from use of meter at other sites to meter discharges when pumping was discontinued on 7/19/2001.

WATER DISCHARGED TO SEWER IS FROM PURGING OF T1, DISCHARGE FROM WELL RS5 AND PURGED WATER FROM 1/4LY SAMPLING.

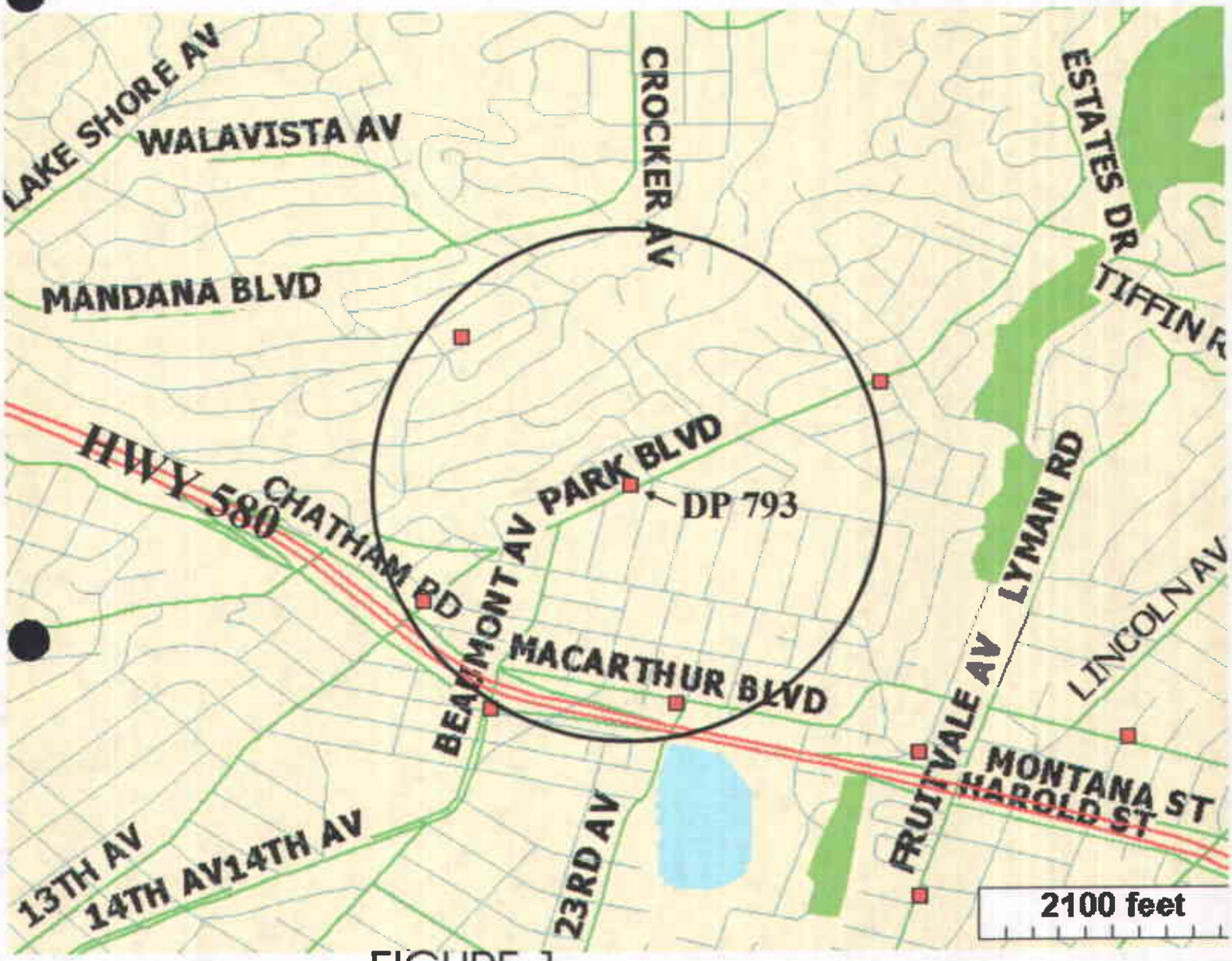


FIGURE 1
GEOTRACKER
AREA WELL & LUST MAP
DP 793
4035 PARK BLVD.
OAKLAND, CA

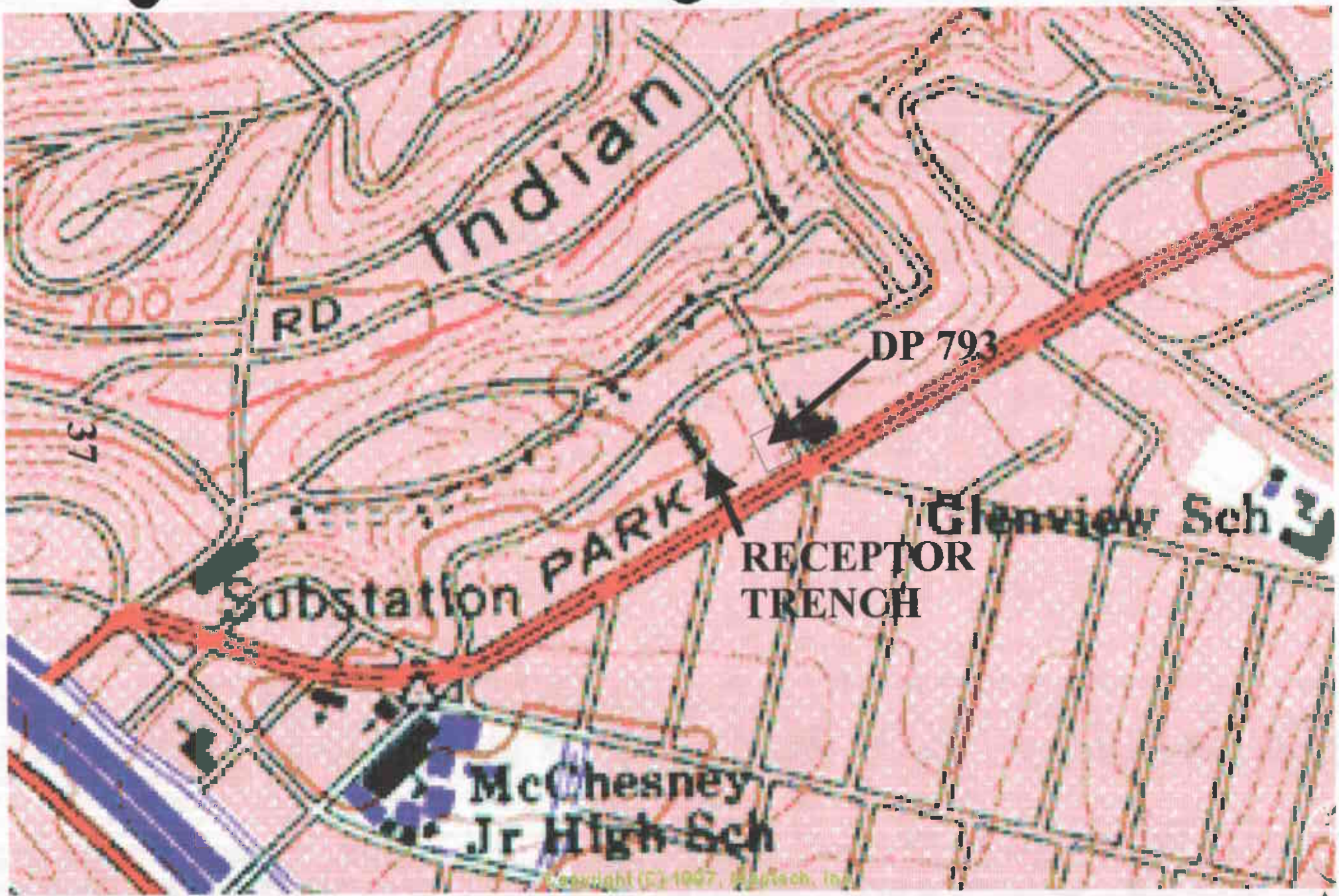


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

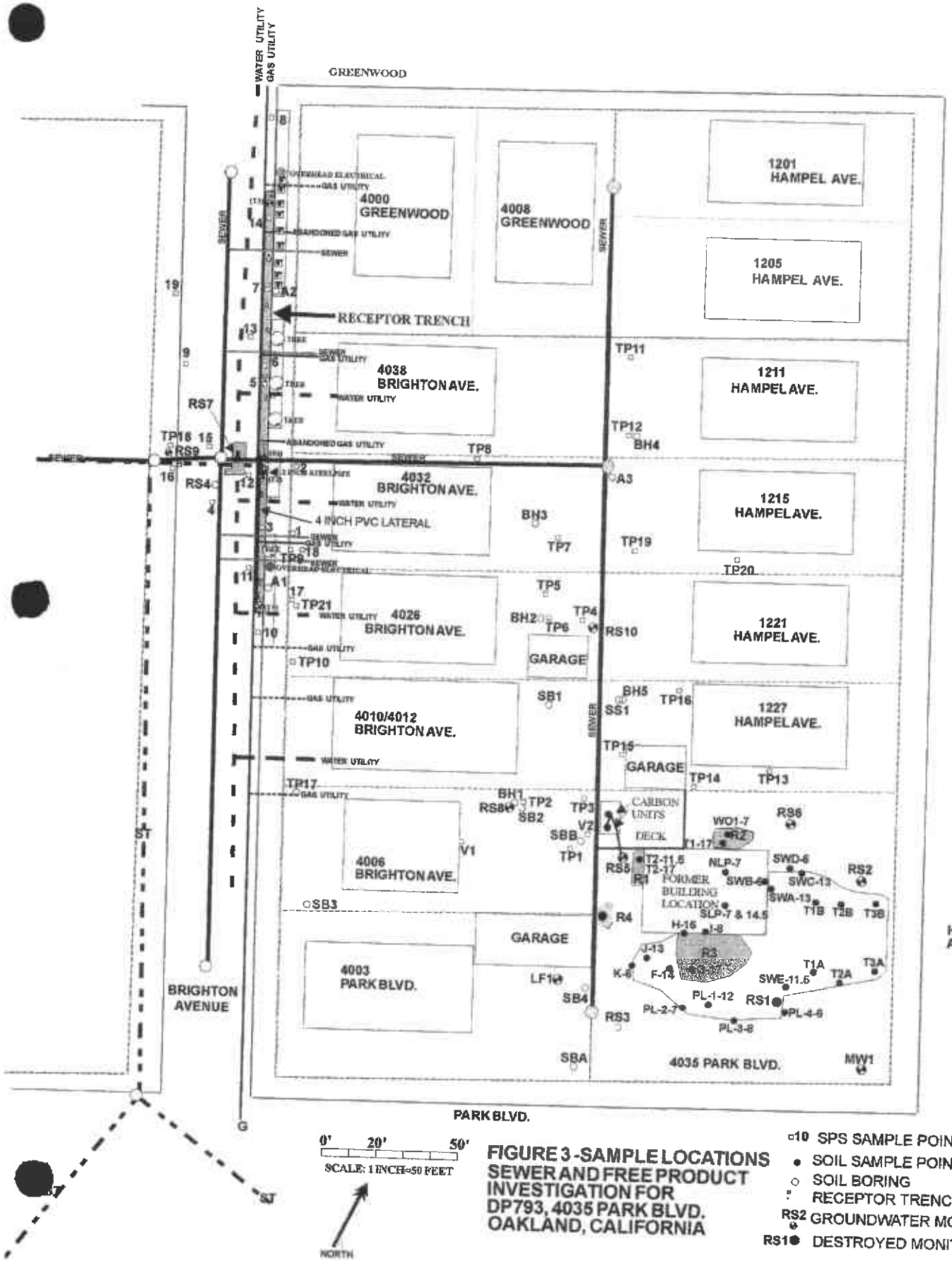


FIGURE 3 -SAMPLE LOCATIONS SEWER AND FREE PRODUCT INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA

- ▫10 SPS SAMPLE POINT
- • SOIL SAMPLE POINT
- ○ SOIL BORING
- ⁘ RECEPTOR TRENCH SAMPLE POIN
- RS2 GROUNDWATER MONITORING WEL
- RS1● DESTROYED MONITORING WELL

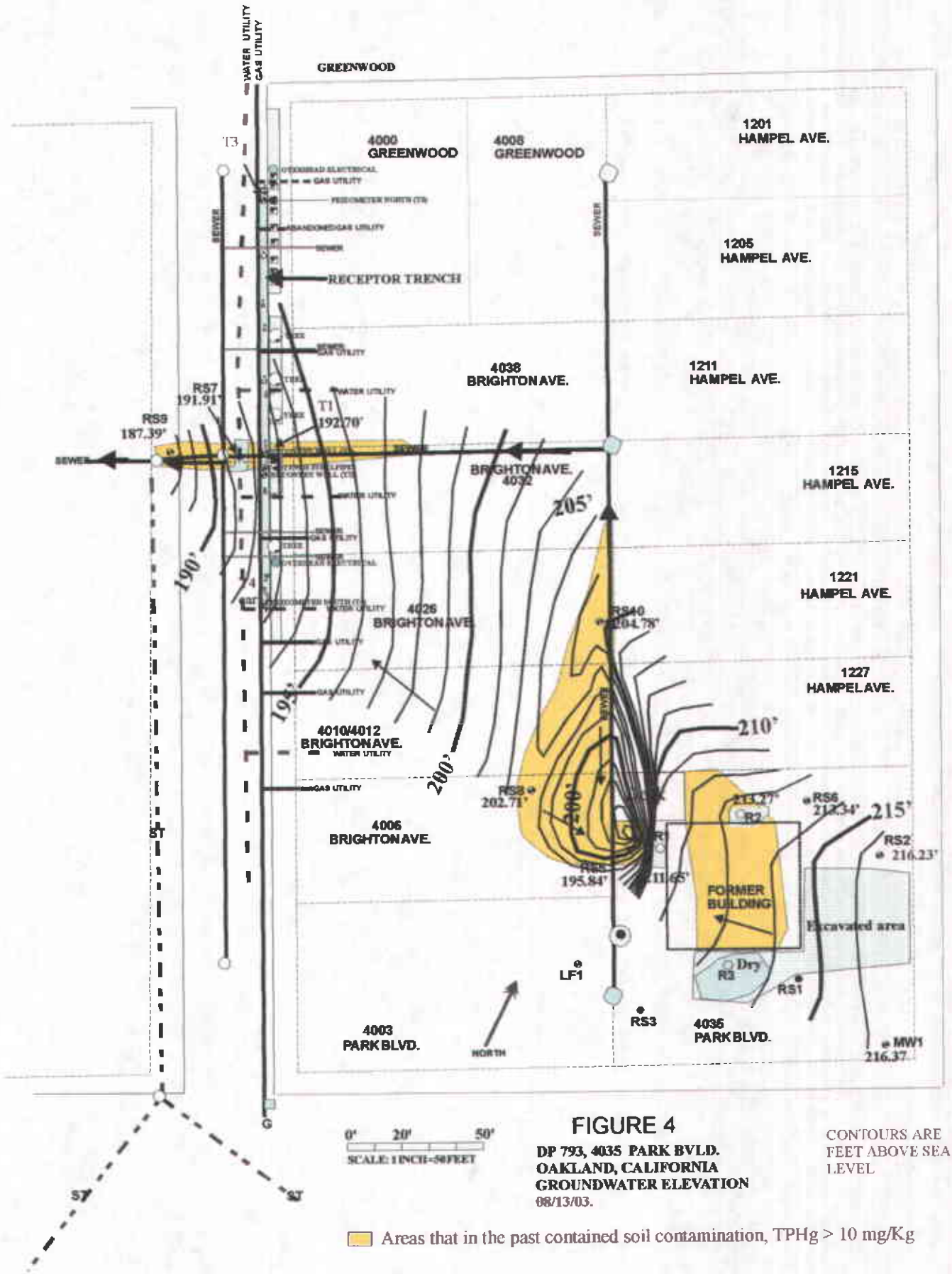


FIGURE 4

DP 793, 4035 PARK BVLD. OAKLAND, CALIFORNIA GROUNDWATER ELEVATION 08/13/03.

CONTOURS ARE FEET ABOVE SEA LEVEL

Areas that in the past contained soil contamination, TPHg > 10 mg/Kg

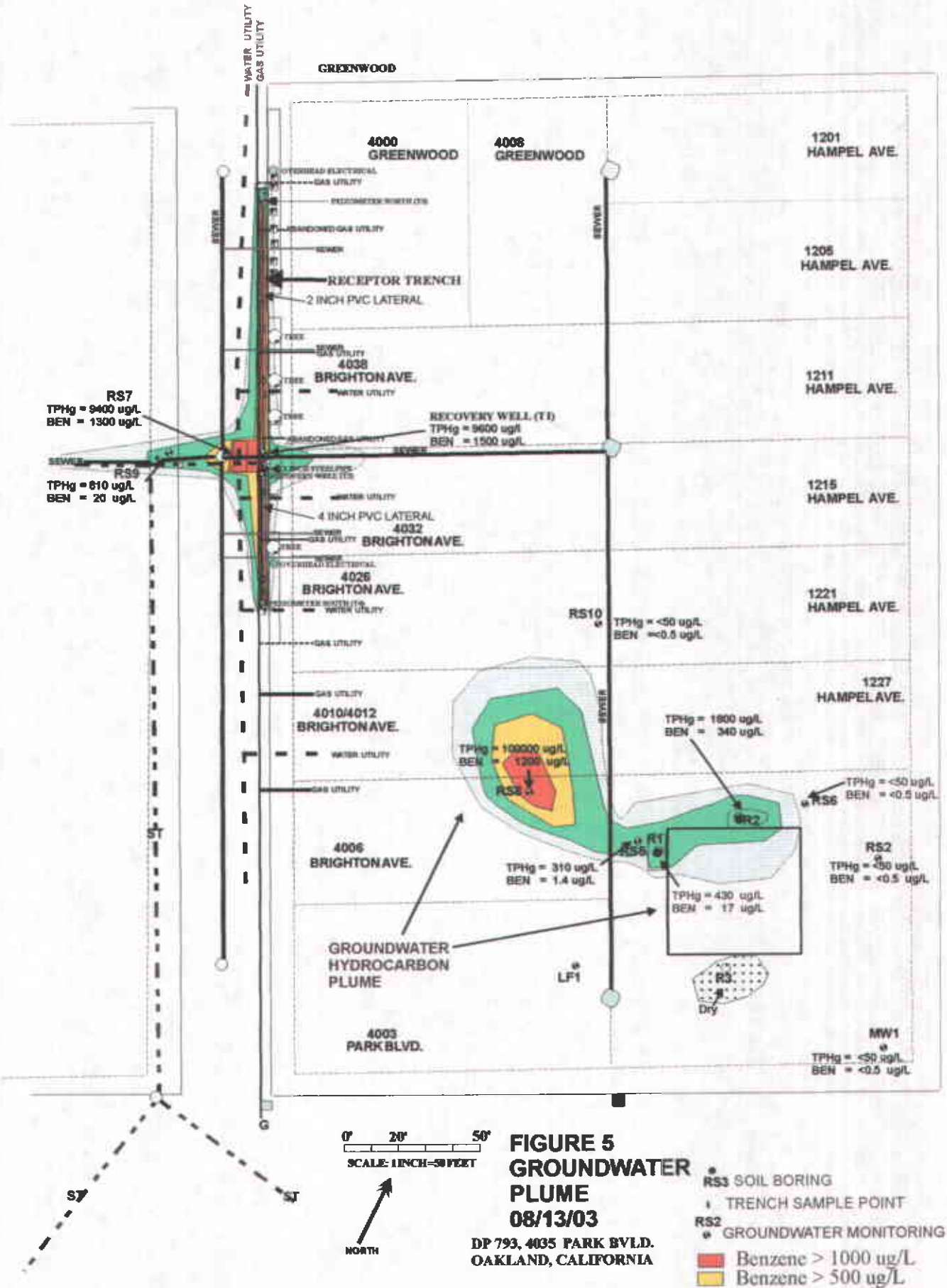


FIGURE 5
GROUNDWATER PLUME
08/13/03

DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

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

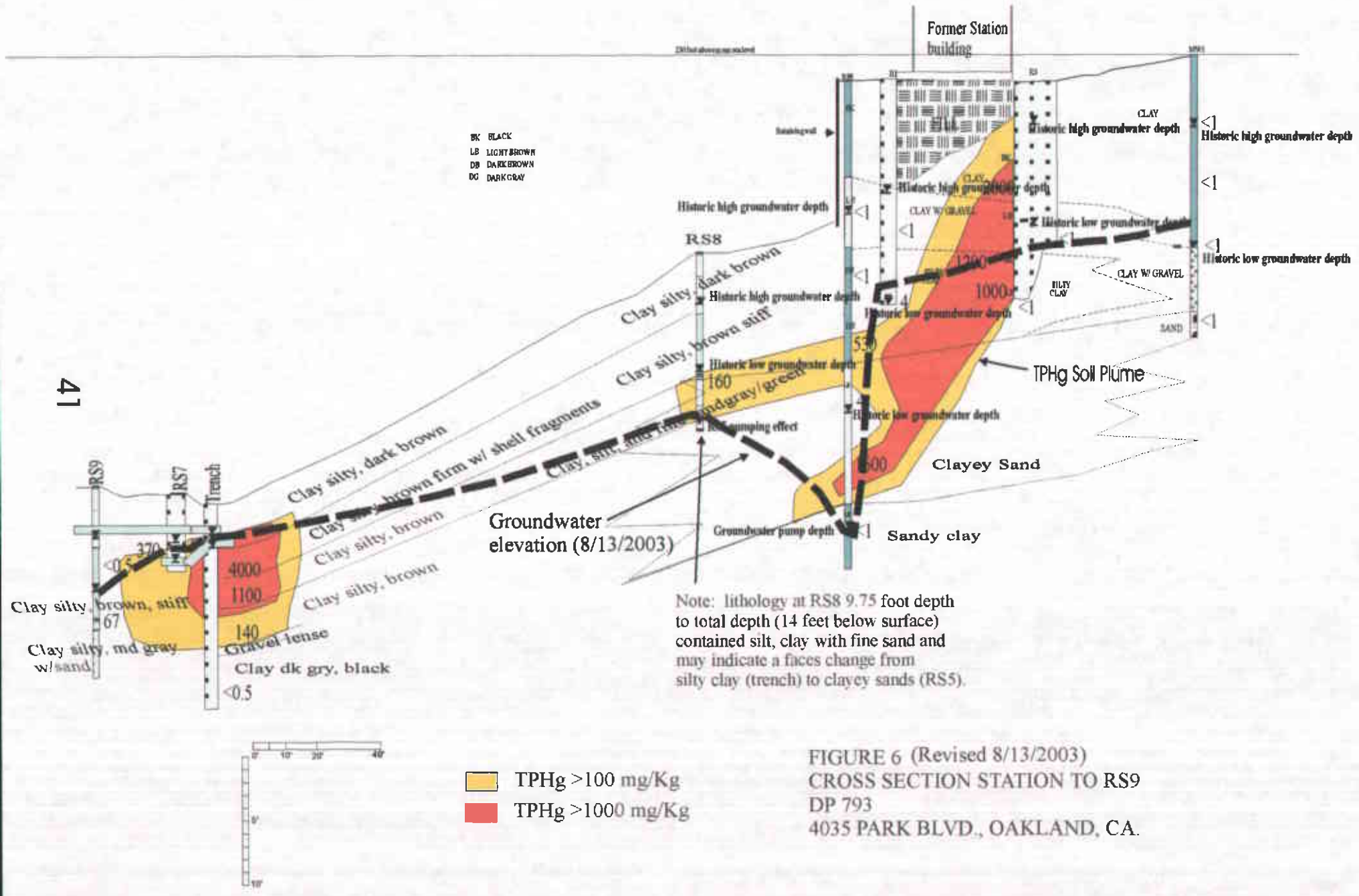


FIGURE 6 (Revised 8/13/2003)
CROSS SECTION STATION TO RS9
DP 793
4035 PARK BLVD., OAKLAND, CA.

APPENDIX A

METHODS AND PROCEDURES, QA/QC WITH FIELD NOTES

APPENDIX A.

METHODS AND PROCEDURES, QA/QC

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

Gauging and Measuring Monitor Wells.

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

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

Purging Standing Water from Monitor Wells

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

Collection of Water Sample for Analysis

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

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

Analytical Results

TPH is the abbreviations used for Total Petroleum Hydrocarbons used by the laboratories for water and soil analyses. The letter following TPH indicates a particular distinction or grouping for the results. The letters "g", "d", "k", or "o" indicates gasoline, diesel, kerosene, or oil, respectively, ie. TPH-d for diesel range TPH.

BTEX or MTBE are acronyms or abbreviations used for Benzene, Toluene, Ethylbenzene and all of the Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE), respectively.

MBTEX is the designation for the combination of the above five compounds.

The less than symbol, <, used with a "parts per value" indicates the lower detection limit for a given analytical result and the level, if present, of that particular analyte is below or less than that lower detection limit.

Other abbreviations commonly used are ppm, ppb, mg/Kg, ug/Kg, ml/l and ul/l are parts per million, parts per billion, milligrams per kilogram, micrograms per kilogram, milliliters per liter, microliters per liter, respectively.

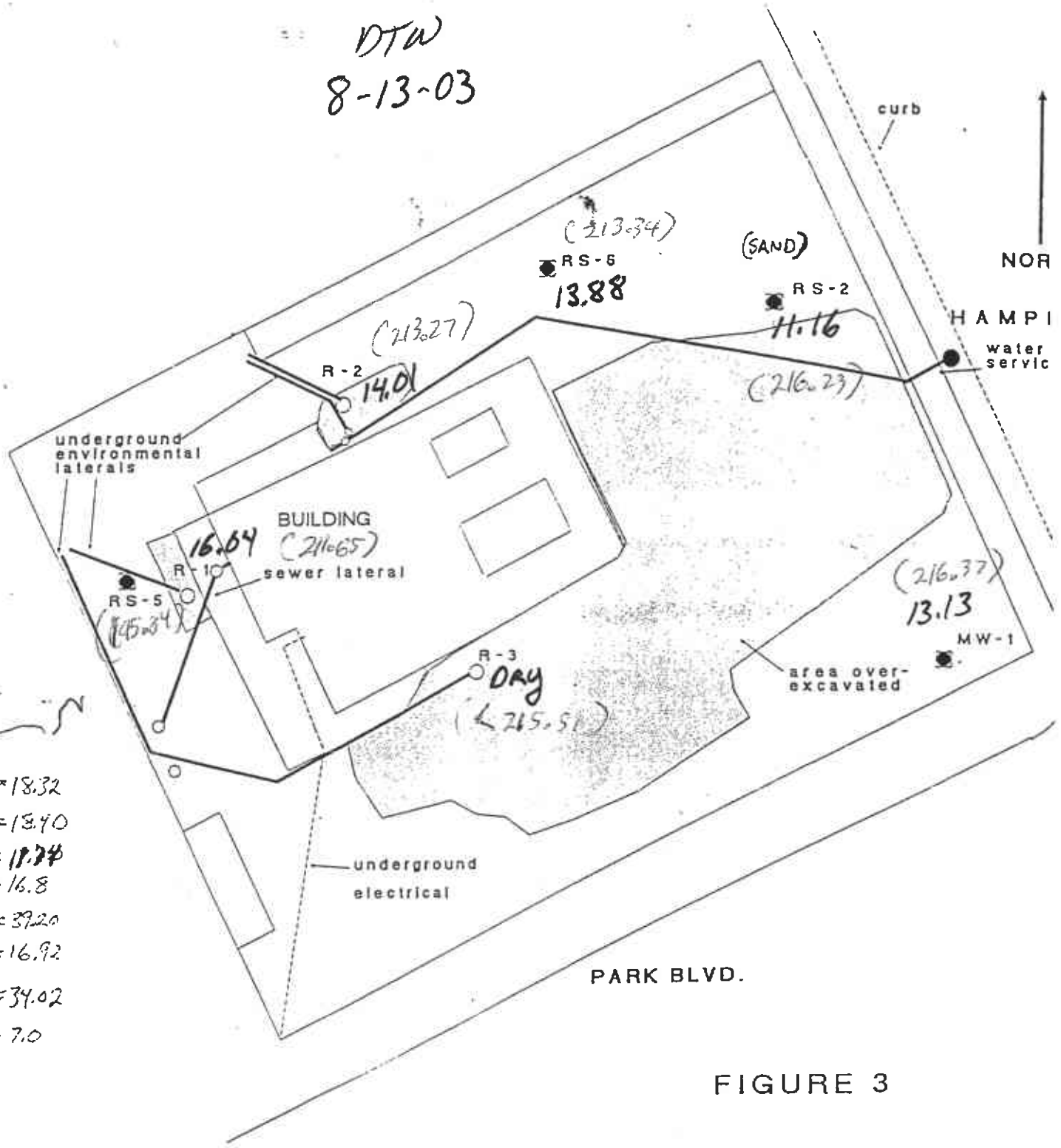
Chain of Custody Documentation

All water samples that are collected by WEGE and transported to a certified analytical laboratory are accompanied by chain-of-custody (COC) documentation. This documentation is used to record the movement and custody of a sample from collection in the field to final analysis and storage. Samples to be analyzed at the certified laboratory were logged on the COC sheet provided by the laboratory. The same information provided on the sample labels (site name, sample location, date, time, and analysis to be performed) is also noted on the COC form. Each person relinquishing custody of the sample set signs the COC form indicating the date and time of the transfer to the recipient. A copy of the COC follows the samples or their extracts throughout the laboratory to aid the analyst in identifying the samples and to assure analysis within holding times.

Copies of the COC documentation are included with the laboratory results in Appendix B of this report.

4 drums

DTW
8-13-03



MW1 = 18.32
RS2 = 13.40
R3 = 18.74
R2 = 16.8
RS5 = 39.20
R1 = 16.92
RS6 = 34.02
RS7 = 7.0

FIGURE 3

SITE BASE MAP

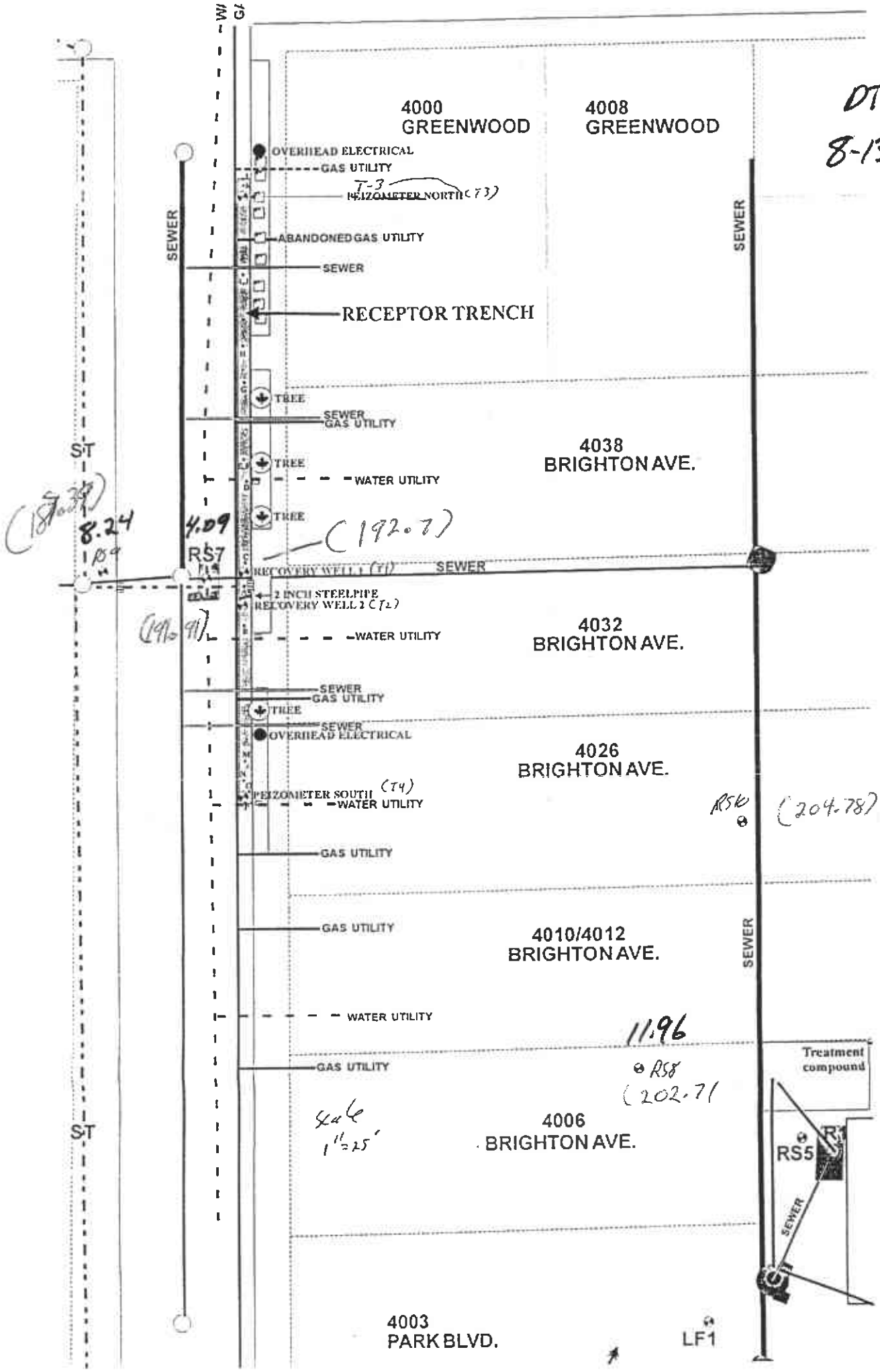
0' 20' 40'

SCALE: 1" = 20'.

DESERT PETROLEUM STATION #793
4035 PARK BLVD..
OAKLAND, CALIFORNIA 94602

80 + 113 → 34 Removed

8 29


DTW
8-13-03
4000
GREENWOOD
4008
GREENWOOD
OVERHEAD ELECTRICAL
GAS UTILITY
T-3
PIEZOMETER NORTH (T3)
ABANDONED GAS UTILITY
SEWER
SEWER
SEWER
RECEPTOR TRENCH
TREE
SEWER
GAS UTILITY
4038
BRIGHTON AVE.
TREE
WATER UTILITY
TREE
(192.7)
4.09
8.24
RS7
RECOVERY WELL 1 (T1)
SEWER
2 INCH STEELPIPE
RECOVERY WELL 2 (T2)
WATER UTILITY
4032
BRIGHTON AVE.
SEWER
GAS UTILITY
TREE
SEWER
OVERHEAD ELECTRICAL
4026
BRIGHTON AVE.
PIEZOMETER SOUTH (T4)
WATER UTILITY
RS6
(204.78)
GAS UTILITY
GAS UTILITY
4010/4012
BRIGHTON AVE.
SEWER
WATER UTILITY
11.96
RS8
(202.71)
GAS UTILITY
Treatment compound
4006
BRIGHTON AVE.
1"=25'
RS5
R1
SEWER
4003
PARK BLVD.
LF1
ST
ST

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 946
WELL MW1	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	13.13 DTB 18.32	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
948	1 Bailer	72.5	7.45	.17
950	3 gal	73.3	7.46	.16
952	"	73.5	7.44	.16

FINAL VOLUME PURGED	4 gal
TIME SAMPLED	953
SAMPLE ID.	MW1
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~ASE~~ Kiff
NOTES:	1ST Bailer Cloudy No Odor

2 to 1

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE DP 793	DATE 8-13-03	TIME 956
WELL RS2	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER 11.16	DTB 18.4'	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
958	1 Bailer	78.2	7.44	.44
1002	9~~4~~ gal	78.6	7.45	.48
1034	1	78.4	7.45	.48

FINAL VOLUME PURGED	10 gal
TIME SAMPLED	1035
SAMPLE ID.	RS2
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~ASC~~ Kiff
NOTES:	1ST Bailer Clear No odor

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE DP 793	DATE 8-13-03	TIME 1155
WELL RS05	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	DTB	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1200	1 Bailer	75.1	7.45	.59
Continuous	gal			

FINAL VOLUME PURGED	gal
TIME SAMPLED	1200
SAMPLE ID.	RS05
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~NSE~~ Kiff
NOTES: 1ST Bailer Bactirin	Strong Odor

2 of 1

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 1100
WELL RS06	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	13.86 DTB 34.02	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1103	1 Bailer	76.2	7.46	.37
1111	25 gal	75.1	7.46	.36
1113	1	73.9	7.47	.35
1115	1	73.3	7.46	.36

FINAL VOLUME PURGED	27 gal
TIME SAMPLED	1116
SAMPLE ID.	RS06
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~ACE~~ Kiff
NOTES:	1ST Bailer Clear No Odor

2b1

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 932
WELL RS07	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	4.09 DTB	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
934	1 Bailer	73.5	7.46	.24
937	6 gal	74.4	7.46	.25
940	1	74.4	7.46	.24

FINAL VOLUME PURGED	7 gal
TIME SAMPLED	941
SAMPLE ID.	RS07
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~NSE~~ KHF
NOTES:	1ST Bailer Turbid Slight odor

2b1

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 845
WELL R508	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	11.96 DTB	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
848	1 Bailer	68.1	7.11	.24
851	1 gal	67.9	6.68	.24
854	1	67.6	6.78	.23

FINAL VOLUME PURGED	2 gal
TIME SAMPLED	855
SAMPLE ID.	R508
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~WSE~~ Kiff
NOTES:	1ST Bailer Dark grey sheen Strong Odor

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 918
WELL RS09	SAMPLED BY. Broadway	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	8.24 DTB	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
923	1 Bailer	73.3	7.44	.20
925	2 gal	73.3	7.46	.21
927	1	73.0	7.47	.21

FINAL VOLUME PURGED	3 gal
TIME SAMPLED	928
SAMPLE ID.	RS09
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~ASL~~ Kiff
NOTES:	1ST Bailer Reddish Brown Some Odor

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE DP 793	DATE 8-13-03	TIME	900
WELL RS10	SAMPLED BY. BROADWAY		
WELL ELEVATION			
PRODUCT THICKNESS			
DEPTH TO WATER	3.68 DTB		
FLUID ELEVATION			
BAILER TYPE	Disposable Bailer		
PUMP	David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
902	1 Bailer	68.3	6.72	.11
904	1 gal	68.4	6.82	.10
906	1	68.3	7.45	.10
908	1	68.1	7.41	.10

FINAL VOLUME PURGED	3 gal
TIME SAMPLED	910
SAMPLE ID.	RS10
SAMPLE CONTAINERS	3/40cc VOA's
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	TOSC ~~K.I.A~~
NOTES:	1ST Bailer

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE DP 793	DATE 8-13-03	TIME 1045
WELL R1	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	16.04 DTB	16.92
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1052	1 Bailer	74.9	7.48	.124
1054	1 gal	76.6	7.48	.126

FINAL VOLUME PURGED	1 gal
TIME SAMPLED	1055
SAMPLE ID.	R1
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~NSE~~ KAP
NOTES:	1ST Bailer silty Strong Odor
	Not enough water to purge

2/6/

WESTERN GEO-ENGINEERS
1386 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 8-13-03	TIME 1118
WELL R2	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	14.01 DTB 16.8	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1120	1 Bailer	74.0	7.47	.42
1125	8 gal	72.5	7.47	.40
1127	1	73.2	7.47	.40
1129	1	73.2	7.47	.39

FINAL VOLUME PURGED	10 gal
TIME SAMPLED	1130
SAMPLE ID.	R2
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	~~ASE~~ KAP
NOTES:	1ST Bailer Clear No Odor

2b1

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-03 03 REASON FOR SITE VISIT Weekly

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

RS7	RS8	RS9	RS10

R1	R2	R3	

COMMENTS well RS8 covered with construction debree

ELECTRIC METER _____ WATER METER 1558031.2

SAMPLE(s) ~ SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ___ GALLONS/_____MINUTES GALLONS PURGED _____
T2 FLOW RATE ___ GALLONS/_____MINUTES GALLONS PURGED _____

PRESSURE WATER CARBONS #1_____PSI, #2_____PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS _____

CONDITION OF COMPOUND COMMENTS _____

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-10-03 REASON FOR SITE VISIT Weekly monitor

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
	11.66		

R1	R2	R3	

COMMENTS No Floating Product RS08

ELECTRIC METER ~

WATER METER 1562747.6

SAMPLE(S) ~

SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	WASTEWATER EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ~ GALLONS/ ~ MINUTES GALLONS PURGED ~
T2 FLOW RATE ___ GALLONS/ ___ MINUTES GALLONS PURGED ___

PRESSURE WATER CARBONS #1 3.4 PSI, #2 1.0 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-17-03

REASON FOR SITE VISIT Pump Trench

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.
1500		2.56			
1730		4.12			

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
1515	1259	[illegible]	25.62	[illegible]
		10.32		13.04

RS7	RS8	RS9	RS10
—	11.47	—	—

R1	R2	R3
13.74	[illegible]	[illegible]
	13.59	11.85

COMMENTS Picked up papers on site

ELECTRIC METER —

SAMPLER ~

WATER METER 1568875.6 1567315.6

SITE MONITORED BY: Broadway

WATER TREATMENT

T1 FLOW RATE 6 GALLONS/ 1 MINUTES
T2 FLOW RATE ___ GALLONS/ ___ MINUTES

GALLONS PURGED 1560
GALLONS PURGED ___

TIME	WASTEWATER INFLUENT	WASTEWATER EFFLUENT
pH		
Conductivity		
Temperature		
PID		

PRESSURE WATER CARBONS #1 4.6 PSI, #2 3.8 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-24-03

REASON FOR SITE VISIT Weekly Inspection

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
1600				

RS7	RS8	RS9	RS10
	11.23		

R1	R2	R3	

COMMENTS

ELECTRIC METER ~

SAMPLER ~

WATER METER 1573563.4

SITE MONITORED BY: BROADWAY

WATER TREATMENT

T1 FLOW RATE ____ GALLONS/____ MINUTES
T2 FLOW RATE ____ GALLONS/____ MINUTES

GALLONS PURGED ____
GALLONS PURGED ____

TIME
pH
Conductivity
Temperature
PID

WASTEWATER

INFLUENT	EFFLUENT

PRESSURE WATER CARBONS #1 4.4 PSI, #2 1.8 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 7-31-03 REASON FOR SITE VISIT Weekly Inspect

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
			32.95	

RS7	RS8	RS9	RS10
	11.95		

R1	R2	R3	

COMMENTS No Product RS08

ELECTRIC METER ✓ WATER METER 1578074.5

SAMPLE(s ✓ SITE MONITORED BY: Broadway

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ✓ GALLONS/_____MINUTES GALLONS PURGED_____
T2 FLOW RATE ____ GALLONS/_____MINUTES GALLONS PURGED_____

PRESSURE WATER CARBONS #1 3.4 PSI, #2 1.2 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-8-03 REASON FOR SITE VISIT Weekly Inspect

	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
			25.26	

RS7	RS8	RS9	RS10
	11.91		

R1	R2	R3	

COMMENTS No Product RS08 - Joe & Mona are putt house up for RENT

ELECTRIC METER ~ WATER METER 1583001.0

SAMPLE(s ~ SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ~ GALLONS/~ MINUTES GALLONS PURGED ~
T2 FLOW RATE ___ GALLONS/___ MINUTES GALLONS PURGED ___

PRESSURE WATER CARBONS #1 24 PSI, #2 ___ PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-13-03 REASON FOR SITE VISIT V/I/y

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.
0800		2.91			
1300		4.64			

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
0800	13.13	11.16	?	13.82

RS7	RS8	RS9	RS10
9.09	11.96	8.24	3.68

R1	R2	R3	
16.04	14.01	DRY	

COMMENTS

ELECTRIC METER ~

WATER METER 1587475.1 / 1585901.5

SAMPLE(s): V/I/y + discharge

SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 5.5 GALLONS/ 1 MINUTES
T2 FLOW RATE ___ GALLONS/ ___ MINUTES

GALLONS PURGED 4000
GALLONS PURGED ___

PRESSURE WATER CARBONS #1 6.1 PSI, #2 3.0 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS ___

CONDITION OF COMPOUND COMMENTS ___

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-21-03 REASON FOR SITE VISIT Weekly Inspect

	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
	11.95		

R1	R2	R3	

COMMENTS No Product RS08

ELECTRIC METER ~

WATER METER 1592651.5

SAMPLE(s ~

SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ~ GALLONS/ ~ MINUTES GALLONS PURGED ~
T2 FLOW RATE ___ GALLONS/___ MINUTES GALLONS PURGED ___

PRESSURE WATER CARBONS #1 21 PSI, #2 ___ PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 8-28-03 REASON FOR SITE VISIT Weekly Inspect

	TRENCH WELL T1				
TIME	PID	DTW	pH	TEMP.	COND.

	TRENCH WELL T2				
	PID	DTW	pH	TEMP.	COND.

	TRENCH WELL T3				
	PID	DTW	pH	TEMP.	COND.

	TRENCH WELL T4				
	PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6

	RS7	RS8	RS9	RS10

	R1	R2	R3	

COMMENTS No Product in RS08

ELECTRIC METER ~ WATER METER 15970337

SAMPLE(s) ~ SITE MONITORED BY: Broadway

	WASTEWATER	
	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ~ GALLONS/~ MINUTES GALLONS PURGED ~
T2 FLOW RATE ___ GALLONS/___ MINUTES GALLONS PURGED ___

PRESSURE WATER CARBONS #1 2-6 PSI, #2 ___ PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-4-03 REASON FOR SITE VISIT Pump T1

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.
0835		2.67			
1007		3.31			
1200		3.99			

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 33.4

TIME	MW1	RS2	RS5	RS6
1200	13.39	11.56	21.0	15.11

RS7	RS8	RS9	RS10
9.82	12.32	6.77	2.72

R1	R2	R3
16.12	14.32	11.4

COMMENTS RS8 no Product - R3dry

ELECTRIC METER ~

WATER METER 1602640.5 1601163.7

SAMPLE(s) ~

SITE MONITORED BY: Broadway

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 5.5 GALLONS/ 1 MINUTES
T2 FLOW RATE ____ GALLONS/____MINUTES

GALLONS PURGED 1476.8
GALLONS PURGED ____

PRESSURE WATER CARBONS #1 6.4 PSI, #2 3.1 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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

FORMER DESERT PETROLEUM SITE DP 793

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

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

DATE 9-12-03 REASON FOR SITE VISIT Broadway

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
	11.24		

R1	R2	R3	

COMMENTS No Floating Product

ELECTRIC METER _____ WATER METER 1607619.0

SAMPLE(S) _____ SITE MONITORED BY: Broadway

	WASTEWATER INFLUENT	WASTEWATER EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED _____
T2 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED _____

PRESSURE WATER CARBONS #1 2.6 PSI, #2 0 PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK

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 703

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

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

DATE 9-18-03 REASON FOR SITE VISIT weekly o+m

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP.	COND.

TRENCH WELL T2				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T3				
PID	DTW	pH	TEMP.	COND.

TRENCH WELL T4				
PID	DTW	pH	TEMP.	COND.

DEPTH TO WATER

TIME	MW1	RS2	RS5	RS6
2:42			33.5	
2:44			31.0	
2:46			30.0	
2:47			29.0	
2:49	Pump on for 30 second			

RS7	RS8	RS9	RS10
	12.57		

No Product

R1	R2	R3	

COMMENTS pump off on arrival, turned on & pumped for 30 seconds dropped water level to below 37.5' pumps > 35.2 ft = DTW probe would not go any deeper

ELECTRIC METER _____

WATER METER 1611049.8 > amount pumped 1611054.3 before daylight well.

SAMPLE(S) NO

SITE MONITORED BY: Converse

WASTEWATER

INFLUENT	EFFLUENT

TIME
pH
Conductivity
Temperature
PID

WATER TREATMENT

T1 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED _____
T2 FLOW RATE ____ GALLONS/____ MINUTES GALLONS PURGED _____

PRESSURE WATER CARBONS #1 _____ PSI, #2 _____ PSI,

WATER PHASE CARBON UNITS INSPECTION COMMENTS lids rusty

CONDITION OF COMPOUND COMMENTS clean

Acceptance of water phase carbon units only if completely flooded with water _____ yes _____ no - return to carbon manufacture
Acceptance of water phase carbon units only if pH is less than 6.5 and containers are in good condition _____ yes _____ no - return to carbon manufacture

9/25/03

pumping on arrival 3.0" fist

turned off

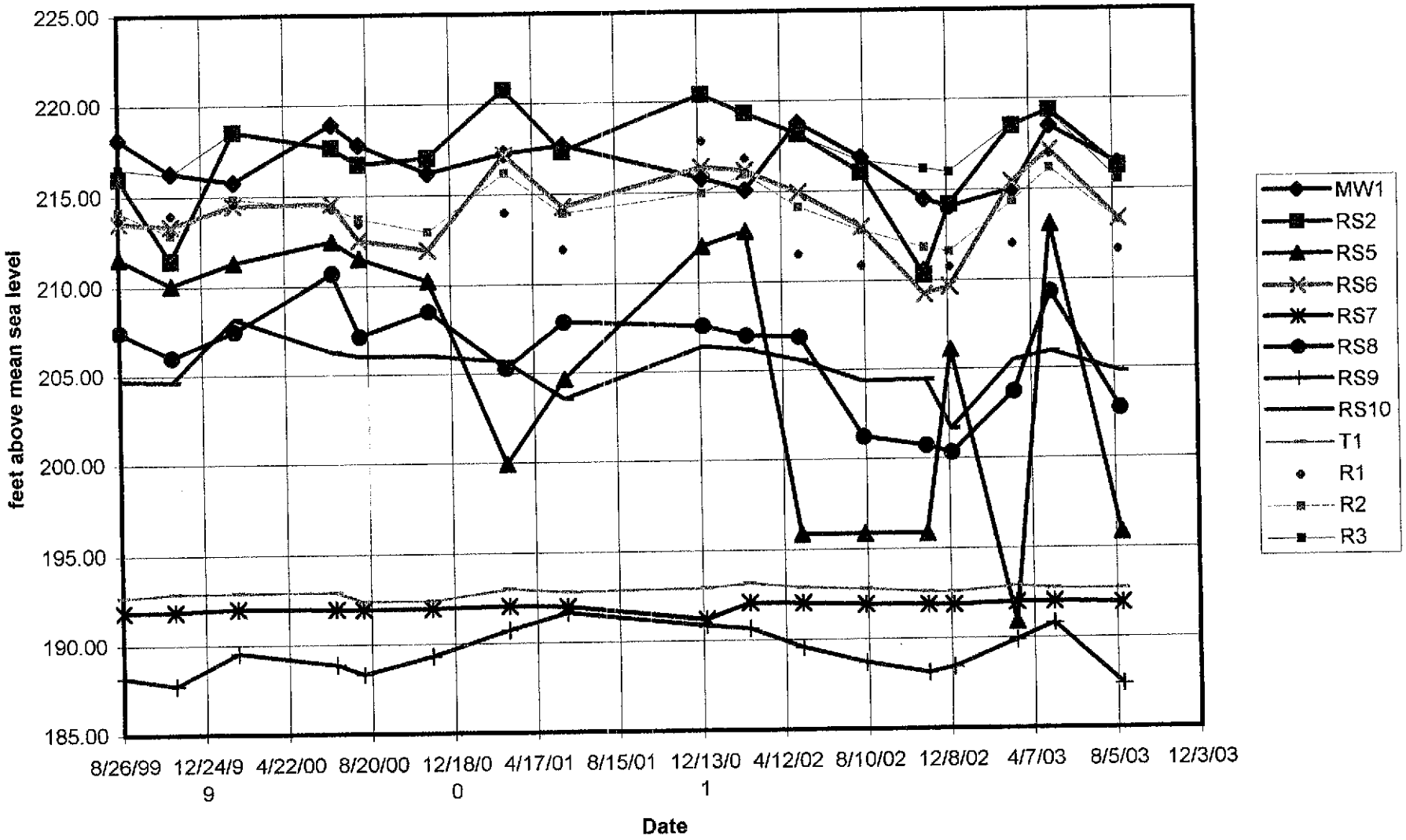
Total ~~pumped~~ meter 1614942.0

Rmf

APPENDIX B.

GROUNDWATER ELEVATION CHART

Groundwater Elevation



KIFF ANALYTICAL LLC

Report Number : 34490
Date : 8/18/2003

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

Subject : 11 Water Samples
Project Name : DP793 1/4ly
Project Number : DP793

Dear Mr. Converse,

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

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

Sincerely,

Jeff Dahl

KIFF ANALYTICAL LLC

Report Number : 34490
Date : 8/18/2003

Project Name : **DP793 1/4ly**
Project Number : **DP793**

Sample : **MW1** Matrix : Water Lab Number : 34490-01
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	8/14/2003

Sample : **R1** Matrix : Water Lab Number : 34490-02
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**17**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**1.4**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**1.1**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**430**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	96.9		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

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

KIFF ANALYTICAL LLC

Report Number : 34490
Date : 8/18/2003

Project Name : **DP793 1/4ly**
Project Number : **DP793**

Sample : **R2** Matrix : Water Lab Number : 34490-03
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**340**	2.0	ug/L	EPA 8260B	8/15/2003
Toluene	**8.0**	2.0	ug/L	EPA 8260B	8/15/2003
Ethylbenzene	**49**	2.0	ug/L	EPA 8260B	8/15/2003
Total Xylenes	**12**	2.0	ug/L	EPA 8260B	8/15/2003
Methyl-t-butyl ether (MTBE)	**< 2.0**	2.0	ug/L	EPA 8260B	8/15/2003
TPH as Gasoline	**1800**	200	ug/L	EPA 8260B	8/15/2003
Toluene - d8 (Surr)	96.0		% Recovery	EPA 8260B	8/15/2003
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	8/15/2003

Sample : **RS02** Matrix : Water Lab Number : 34490-04
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

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

KIFF ANALYTICAL LLC

Report Number : 34490
Date : 8/18/2003

Project Name : **DP793 1/4ly**
Project Number : **DP793**

Sample : **RS05** Matrix : Water Lab Number : 34490-05
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.4**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**1.0**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**2.9**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**310**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	8/14/2003

Sample : **RS06** Matrix : Water Lab Number : 34490-06
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

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

Report Number : 34490

Date : 8/18/2003

KIFF ANALYTICAL LLC

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Matrix : Water

Lab Number : 34490-07

Sample : **RS07**

Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1300**	5.0	ug/L	EPA 8260B	8/15/2003
Toluene	**65**	5.0	ug/L	EPA 8260B	8/15/2003
Ethylbenzene	**310**	5.0	ug/L	EPA 8260B	8/15/2003
Total Xylenes	**620**	5.0	ug/L	EPA 8260B	8/15/2003
Methyl-t-butyl ether (MTBE)	**6.1**	5.0	ug/L	EPA 8260B	8/15/2003
TPH as Gasoline	**9400**	500	ug/L	EPA 8260B	8/15/2003
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	8/15/2003
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	8/15/2003

Matrix : Water

Lab Number : 34490-08

Sample : **RS08**

Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1200**	50	ug/L	EPA 8260B	8/16/2003
Toluene	**10000**	50	ug/L	EPA 8260B	8/16/2003
Ethylbenzene	**2500**	50	ug/L	EPA 8260B	8/16/2003
Total Xylenes	**13000**	50	ug/L	EPA 8260B	8/16/2003
Methyl-t-butyl ether (MTBE)	**< 50**	5000	ug/L	EPA 8260B	8/16/2003
TPH as Gasoline	**100000**		% Recovery	EPA 8260B	8/16/2003
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	8/16/2003
4-Bromofluorobenzene (Surr)	104				

Approved By: Jeff Dahl

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

KIFF ANALYTICAL LLC

Report Number : 34490

Date : 8/18/2003

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Sample : **RS09**

Matrix : Water

Lab Number : 34490-09

Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**20**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**2.4**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**1.6**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**3.6**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**810**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	8/14/2003

Sample : **RS10**

Matrix : Water

Lab Number : 34490-10

Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

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

Report Number : 34490

Date : 8/18/2003

QC Report : Method Blank Data

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/15/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/15/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/15/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/15/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/15/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/15/2003
Toluene - d8 (Surr)	96.5		%	EPA 8260B	8/15/2003
4-Bromofluorobenzene (Surr)	98.3		%	EPA 8260B	8/15/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/13/2003
Toluene - d8 (Surr)	98.6		%	EPA 8260B	8/13/2003
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	8/13/2003
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	98.4		%	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	104		%	EPA 8260B	8/14/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	101		%	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	99.1		%	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

Report Number : 34490

Date : 8/18/2003

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	34484-01	<0.50	39.4	39.2	38.5	38.4	ug/L	EPA 8260B	8/15/03	97.9	97.9	0.0511	70-130	25
Toluene	34484-01	<0.50	39.4	39.2	39.5	39.6	ug/L	EPA 8260B	8/15/03	100	101	0.596	70-130	25
Tert-Butanol	34484-01	<5.0	197	196	192	193	ug/L	EPA 8260B	8/15/03	97.6	98.6	1.04	70-130	25
Methyl-t-Butyl Ether	34484-01	<0.50	39.4	39.2	40.6	39.6	ug/L	EPA 8260B	8/15/03	103	101	2.11	70-130	25
Benzene	34460-21	<0.50	40.0	40.0	39.8	37.2	ug/L	EPA 8260B	8/13/03	99.4	92.9	6.79	70-130	25
Toluene	34460-21	<0.50	40.0	40.0	40.1	37.1	ug/L	EPA 8260B	8/13/03	100	92.8	7.84	70-130	25
Tert-Butanol	34460-21	<5.0	200	200	202	198	ug/L	EPA 8260B	8/13/03	101	98.9	2.03	70-130	25
Methyl-t-Butyl Ether	34460-21	<0.50	40.0	40.0	40.4	37.8	ug/L	EPA 8260B	8/13/03	101	94.5	6.55	70-130	25
Benzene	34490-09	20	40.0	40.0	55.9	54.9	ug/L	EPA 8260B	8/14/03	89.1	86.7	2.79	70-130	25
Toluene	34490-09	<0.50	40.0	40.0	39.0	38.2	ug/L	EPA 8260B	8/14/03	97.6	95.6	2.10	70-130	25
Tert-Butanol	34490-09	79	200	200	274	280	ug/L	EPA 8260B	8/14/03	97.3	101	3.32	70-130	25
Methyl-t-Butyl Ether	34490-09	3.6	40.0	40.0	40.4	40.2	ug/L	EPA 8260B	8/14/03	92.1	91.5	0.681	70-130	25
Benzene	34483-01	0.94	40.0	40.0	43.6	41.4	ug/L	EPA 8260B	8/14/03	107	101	5.48	70-130	25
Toluene	34483-01	<0.50	40.0	40.0	43.6	41.0	ug/L	EPA 8260B	8/14/03	109	102	6.36	70-130	25
Tert-Butanol	34483-01	<5.0	200	200	212	204	ug/L	EPA 8260B	8/14/03	106	102	3.62	70-130	25
Methyl-t-Butyl Ether	34483-01	46	40.0	40.0	93.2	91.0	ug/L	EPA 8260B	8/14/03	118	112	4.96	70-130	25

Approved By: Jeff Dahlen

KIFF ANALYTICAL, LLC

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

Report Number : 34490

Date : 8/18/2003

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/15/03	96.7	70-130
Toluene	40.0	ug/L	EPA 8260B	8/15/03	99.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/15/03	93.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/15/03	98.8	70-130
Benzene	40.0	ug/L	EPA 8260B	8/13/03	95.6	70-130
Toluene	40.0	ug/L	EPA 8260B	8/13/03	96.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/13/03	97.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/13/03	94.1	70-130
Benzene	40.0	ug/L	EPA 8260B	8/14/03	94.6	70-130
Toluene	40.0	ug/L	EPA 8260B	8/14/03	94.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/14/03	96.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/14/03	96.7	70-130
Benzene	40.0	ug/L	EPA 8260B	8/14/03	106	70-130
Toluene	40.0	ug/L	EPA 8260B	8/14/03	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/14/03	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/14/03	110	70-130

Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

Report Number : 34490

Date : 8/18/2003

QC Report : Laboratory Control Sample (LCS)

Project Name : **DP793 1/4ly**

Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/15/03	96.7	70-130
Toluene	40.0	ug/L	EPA 8260B	8/15/03	99.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/15/03	93.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/15/03	98.8	70-130
Benzene	40.0	ug/L	EPA 8260B	8/13/03	95.6	70-130
Toluene	40.0	ug/L	EPA 8260B	8/13/03	96.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/13/03	97.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/13/03	94.1	70-130
Benzene	40.0	ug/L	EPA 8260B	8/14/03	94.6	70-130
Toluene	40.0	ug/L	EPA 8260B	8/14/03	94.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/14/03	96.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/14/03	96.7	70-130
Benzene	40.0	ug/L	EPA 8260B	8/14/03	106	70-130
Toluene	40.0	ug/L	EPA 8260B	8/14/03	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/14/03	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/14/03	110	70-130

Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

KIFF ANALYTICAL LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 34490 Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse

Company/Address: WEGE 1386 Bauner Woodland 95776

Phone No.: 530-668-5300 FAX No.: 530-662-0273

Project Number: OP793 P.O. No.:

Project Name: OP793 4/4

Project Address: Park Blvd

California EDF Report? [X] Yes [ ] No

Recommended but not mandatory to complete this section:

Sampling Company Log Code: WGEW

Global ID:

EDF Deliverable To (Email Address): wegeldl@cal.net

Sampler Signature: S J Bandary

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	SLEEVE				Preservative: HCl	HNO_3	ICE	NONE		Matrix: WATER	SOIL		BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)					TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
MW 1	8/13/03	953	3					|		|			|							|													1 wk	01
R1	|	1055	|					|		|			|							|													|	02
R2	|	1130	|					|		|			|							|													|	03
RS02	|	1035	|					|		|			|							|													|	04
RS05	|	1200	|					|		|			|							|													|	05
RS06	|	1116	|					|		|			|							|													|	06
RS07	|	941	|					|		|			|							|													|	07
RS08	|	855	|					|		|			|							|													|	08
RS09	|	928	|					|		|			|							|													|	09
RS10	|	910	|					|		|			|							|													|	10

Relinquished by:	Date	Time	Received by:
S J Bandary	8/13/03	1555	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	081303	1555	Michelle Woodworth / Kiff Analytical

Remarks:

Bill to:

Distribution: White - Lab, Yellow - File, Pink - Originator

Forms/coc 121001.fh9

KIFF ANALYTICAL LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 34490 Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse

Company/Address:

Phone No.: 530 668 5300 FAX No.:

Project Number: DR793 P.O. No:

Project Name: DP 793 4/4

Project Address: Park Blvd

California EDF Report? ☐ Yes ☐ No

Recommended but not mandatory to complete this section:

Sampling Company Log Code: - - -

Global ID: - - - - - - - - - - -

EDF Deliverable To (Email Address):

Sampler Signature:

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: SLEEVE	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	Analysis Request: BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
T1	8/13/03	1330	3		✓		✓		✓						✓									✓	11

Relinquished by:	Date	Time	Received by:	Remarks:
[signature]	8/13/03	1555		
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill to:
←	081303	1555	Michelle Woodworth / Kiff Analytical	

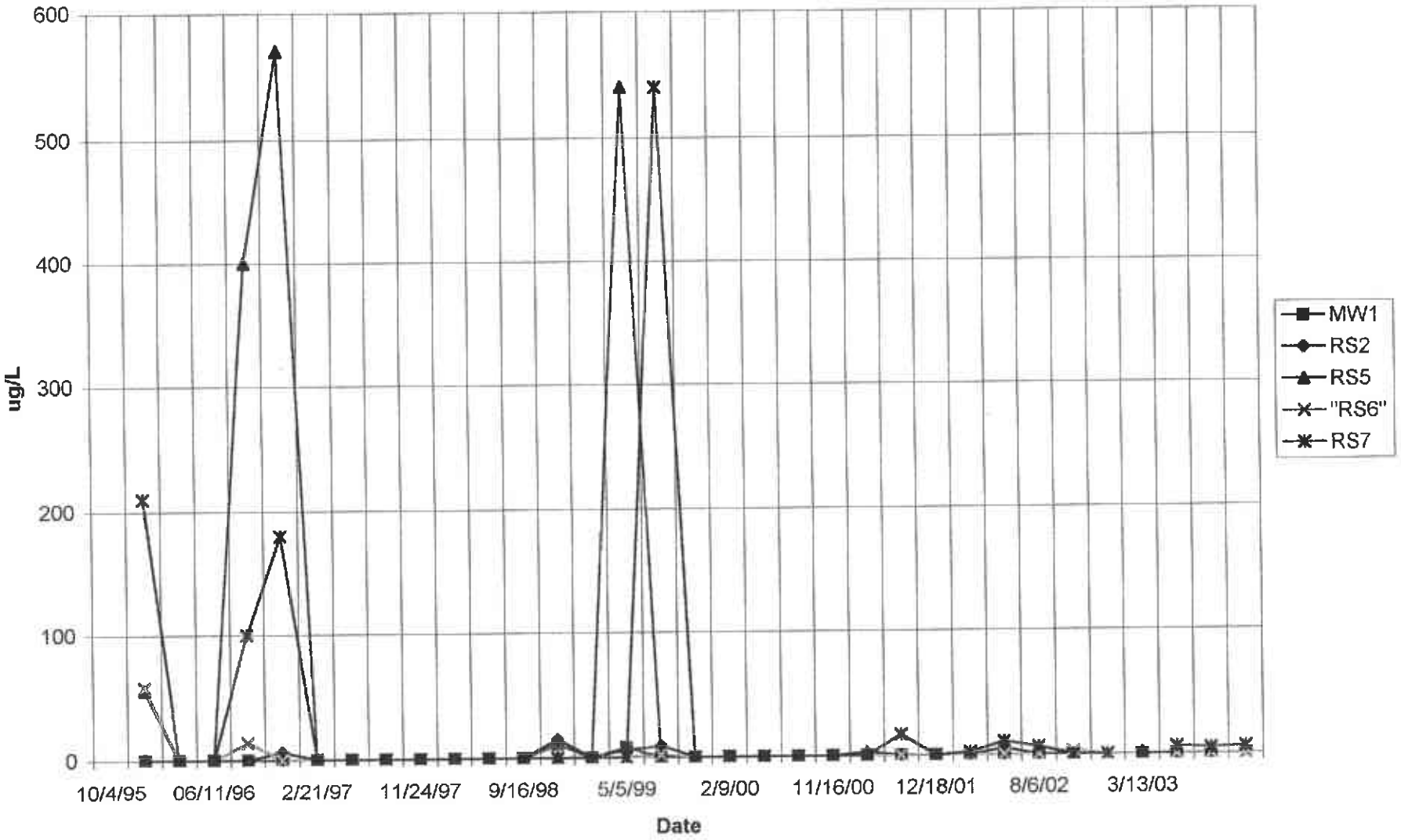
Distribution: White - Lab, Yellow - File, Pink - Originator

Forms/coc 121001.fh9

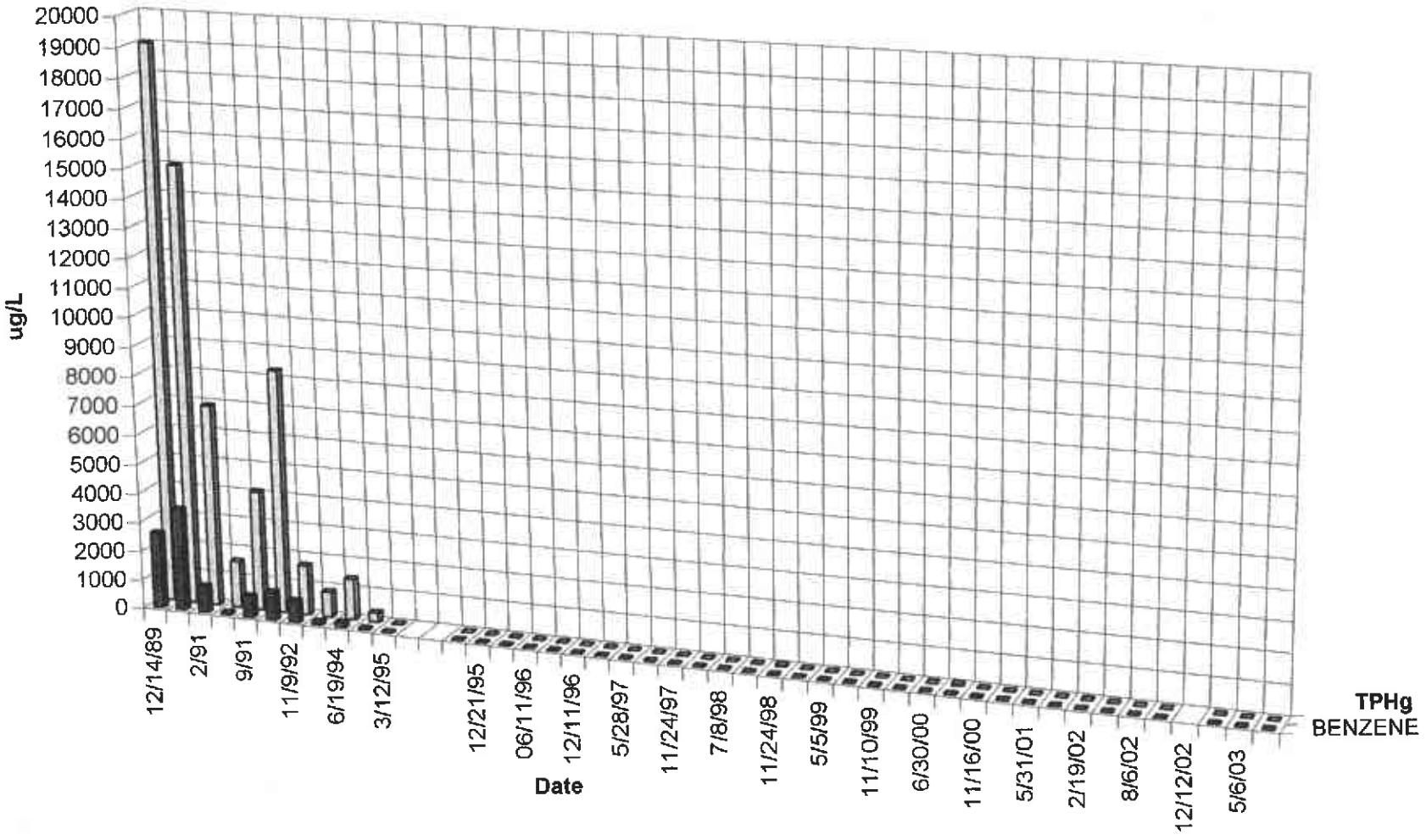
APPENDIX D.

MtBE, TPHg AND BENZENE CHARTS

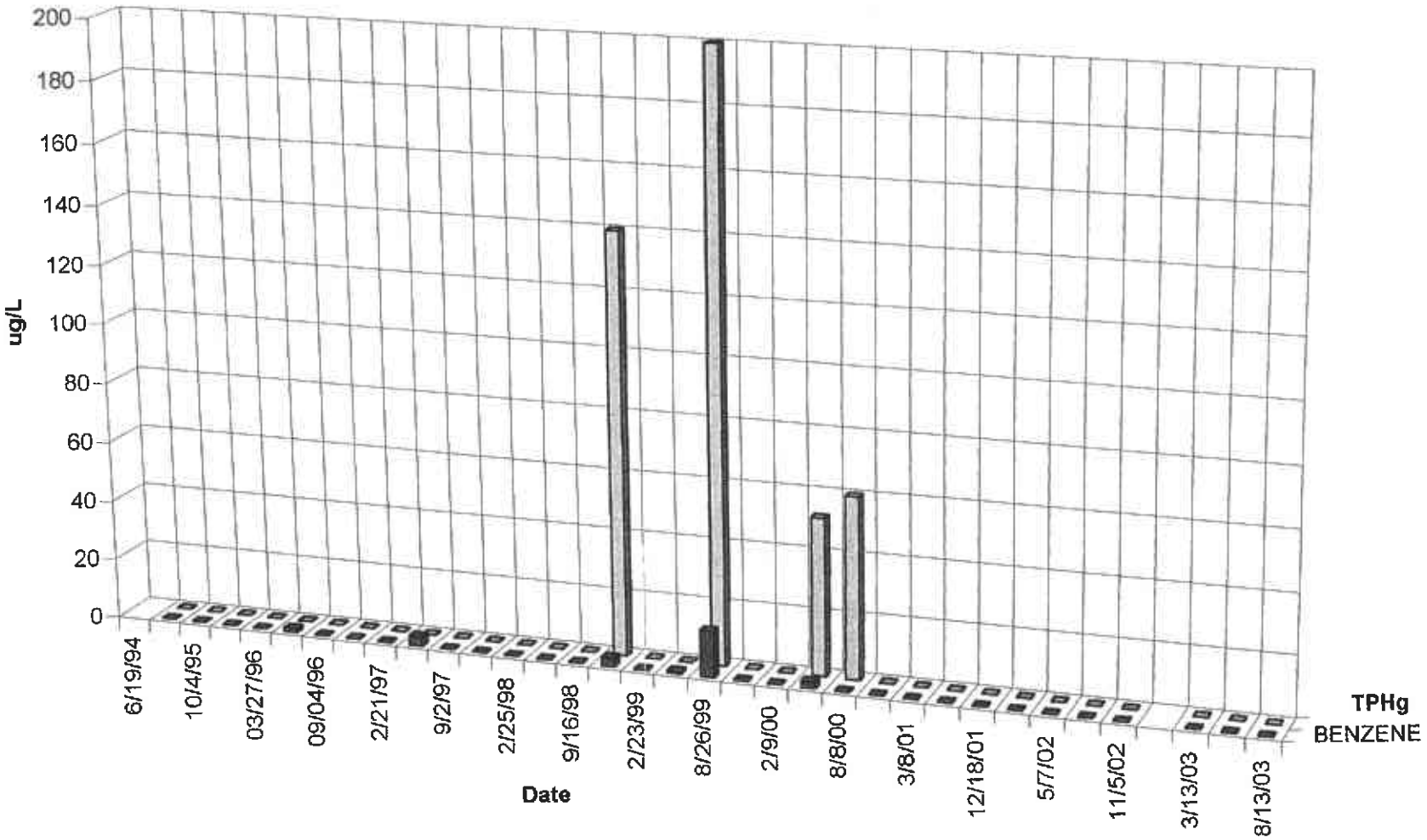
MTBE IN WELLS



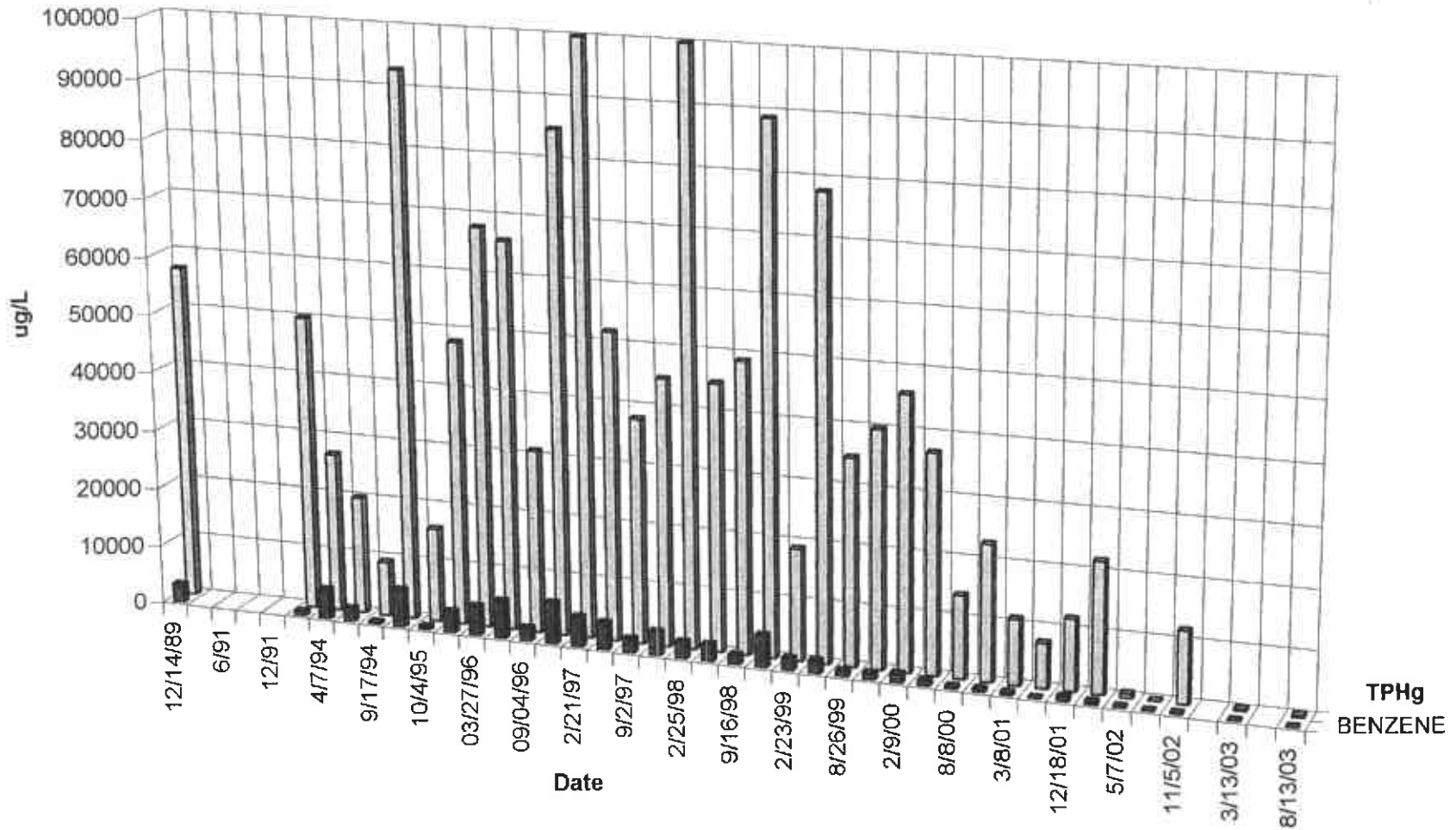
RS-1/MW-1 TPHg


20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
ug/L
12/14/89
2/91
9/91
11/9/92
6/19/94
3/12/95
12/21/95
06/11/96
12/11/96
5/28/97
11/24/97
7/8/98
11/24/98
5/5/99
11/10/99
6/30/00
11/16/00
5/31/01
2/19/02
8/6/02
12/12/02
5/6/03
Date
TPHg
BENZENE

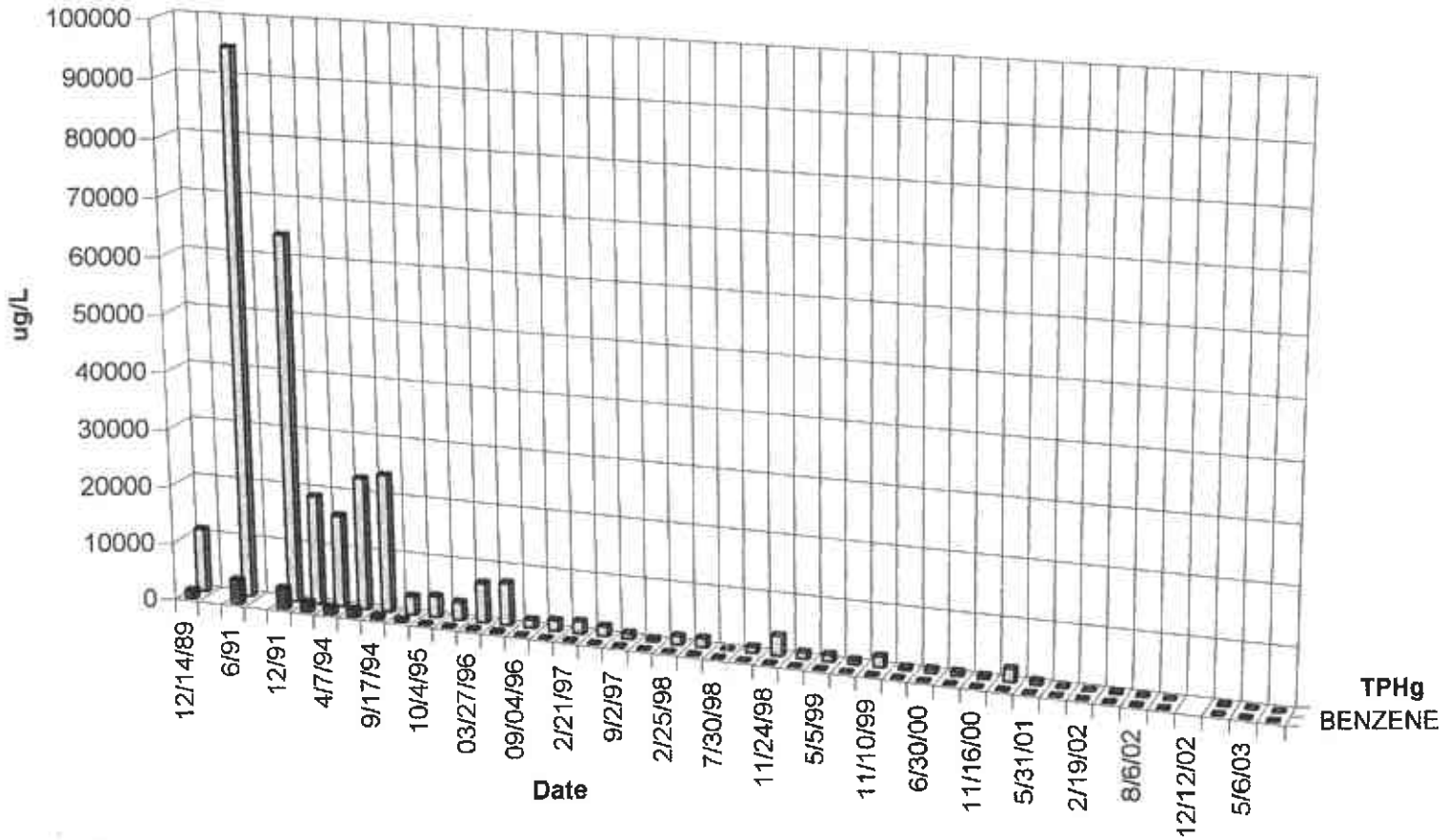
RS-2 TPHg


200
180
160
140
120
100
80
60
40
20
0
ug/L
6/19/94
10/4/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
12/18/01
5/7/02
11/5/02
3/13/03
8/13/03
Date
TPHg
BENZENE

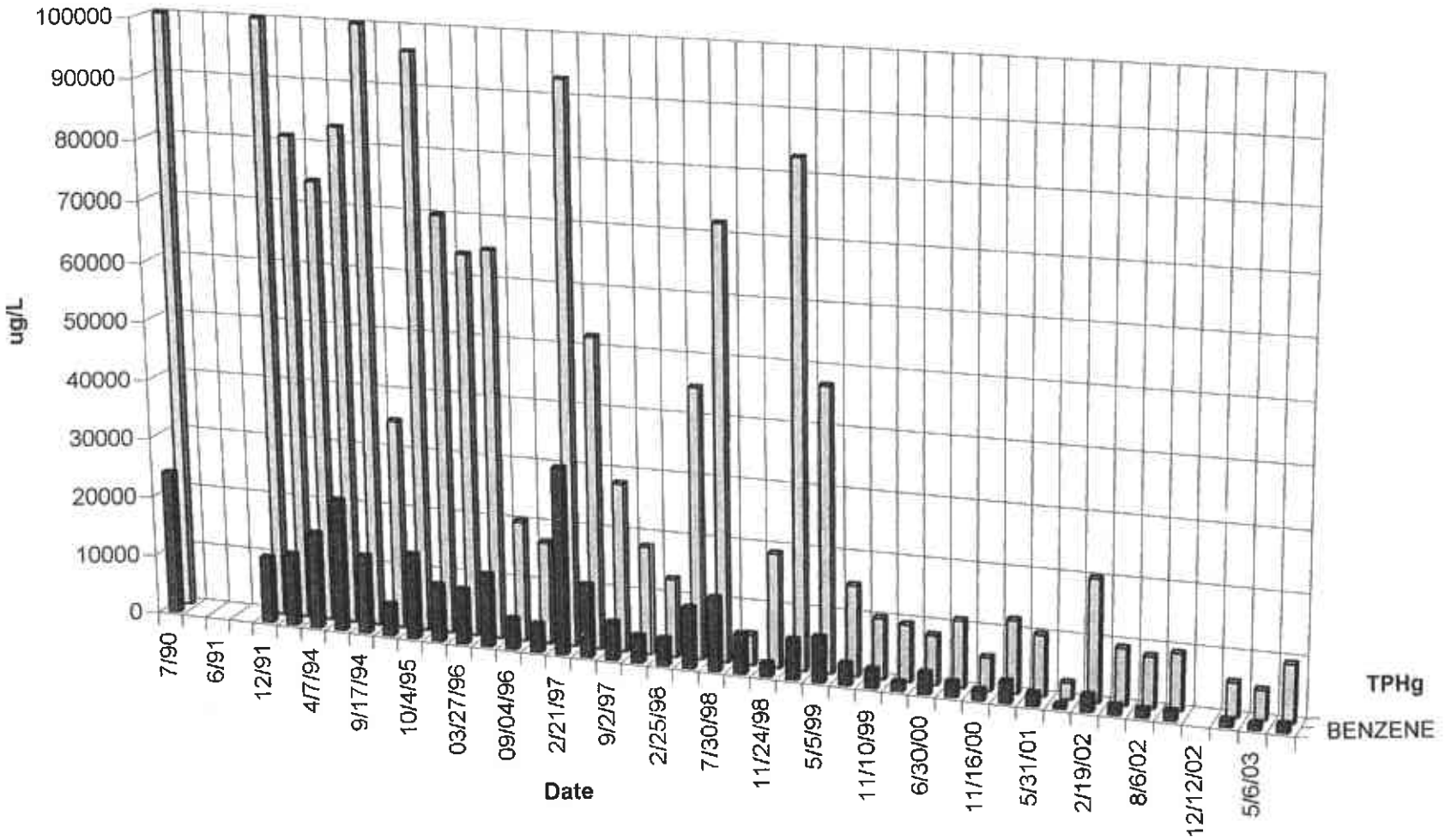
RS-5


100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
12/14/89
6/91
12/91
4/7/94
9/17/94
10/4/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
12/18/01
5/7/02
11/5/02
3/13/03
8/13/03
Date
TPHg
BENZENE

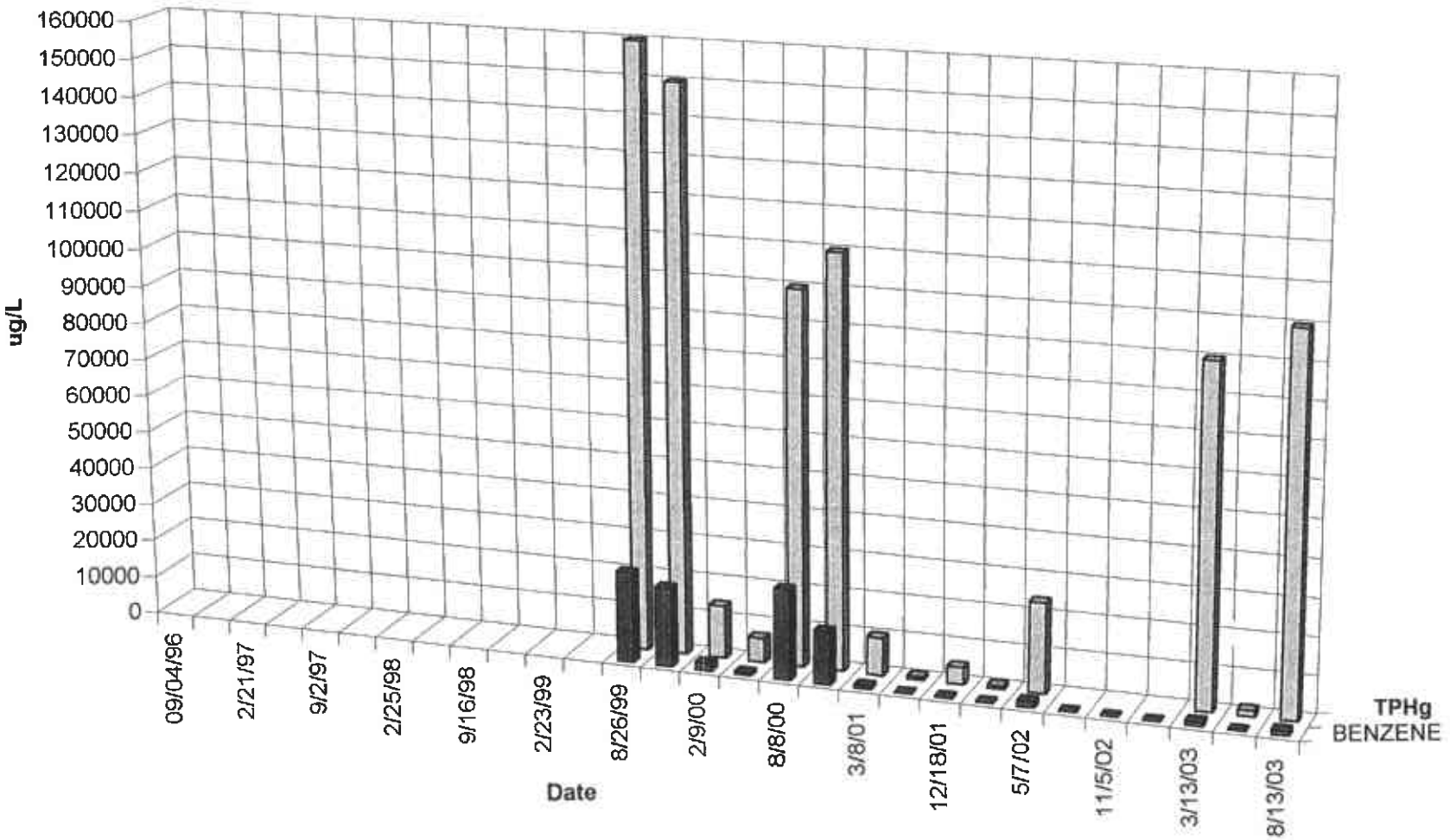
RS-6


100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
12/14/89
6/91
12/91
4/7/94
9/17/94
10/4/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
7/30/98
11/24/98
5/5/99
11/10/99
6/30/00
11/16/00
5/31/01
2/19/02
8/6/02
12/12/02
5/6/03
Date
TPHg
BENZENE

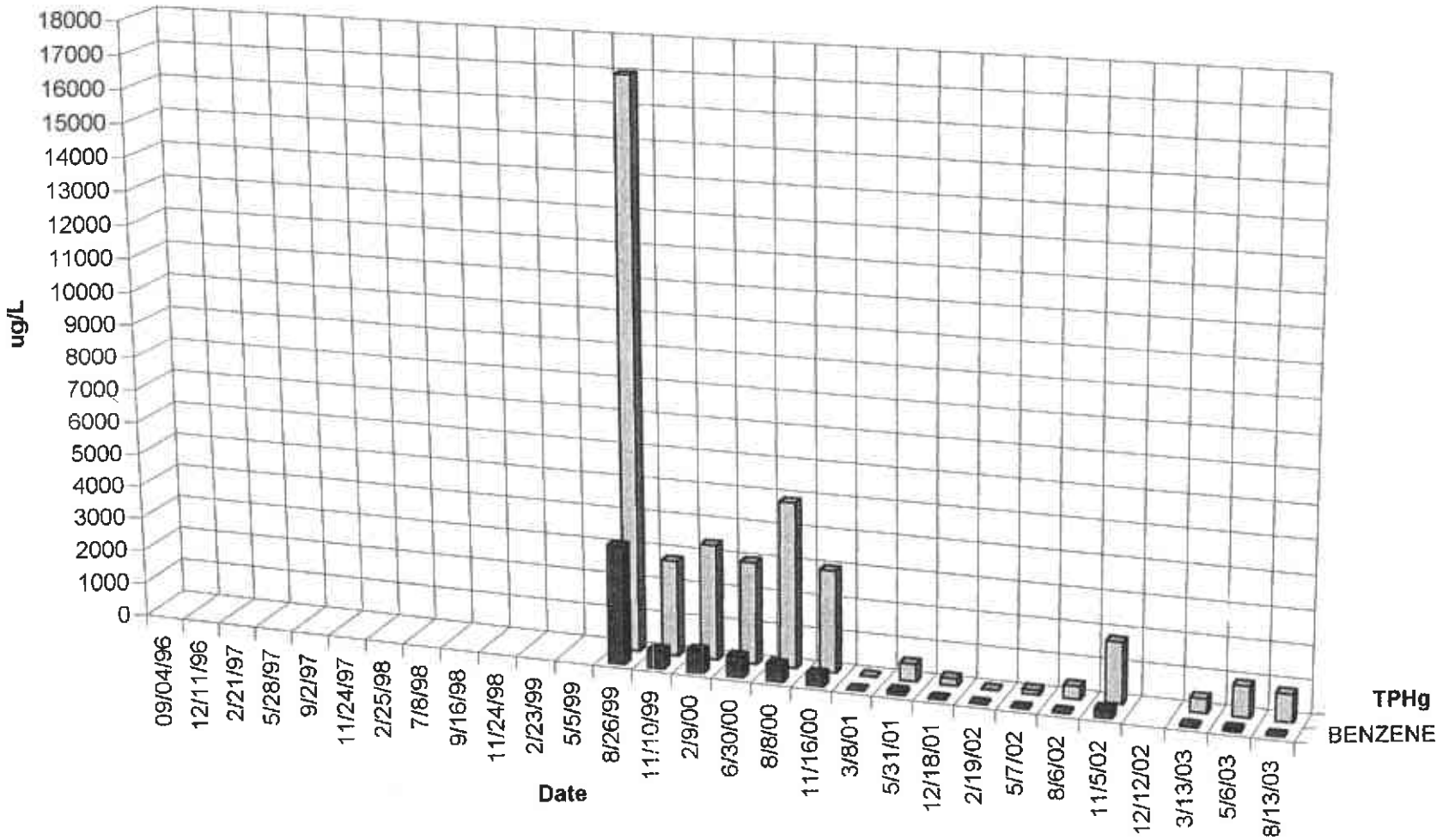
RS-7


100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
7/90
6/91
12/91
4/7/94
9/17/94
10/4/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
7/30/98
11/24/98
5/5/99
11/10/99
6/30/00
11/16/00
5/31/01
2/19/02
8/6/02
12/12/02
5/6/03
Date
TPHg
BENZENE

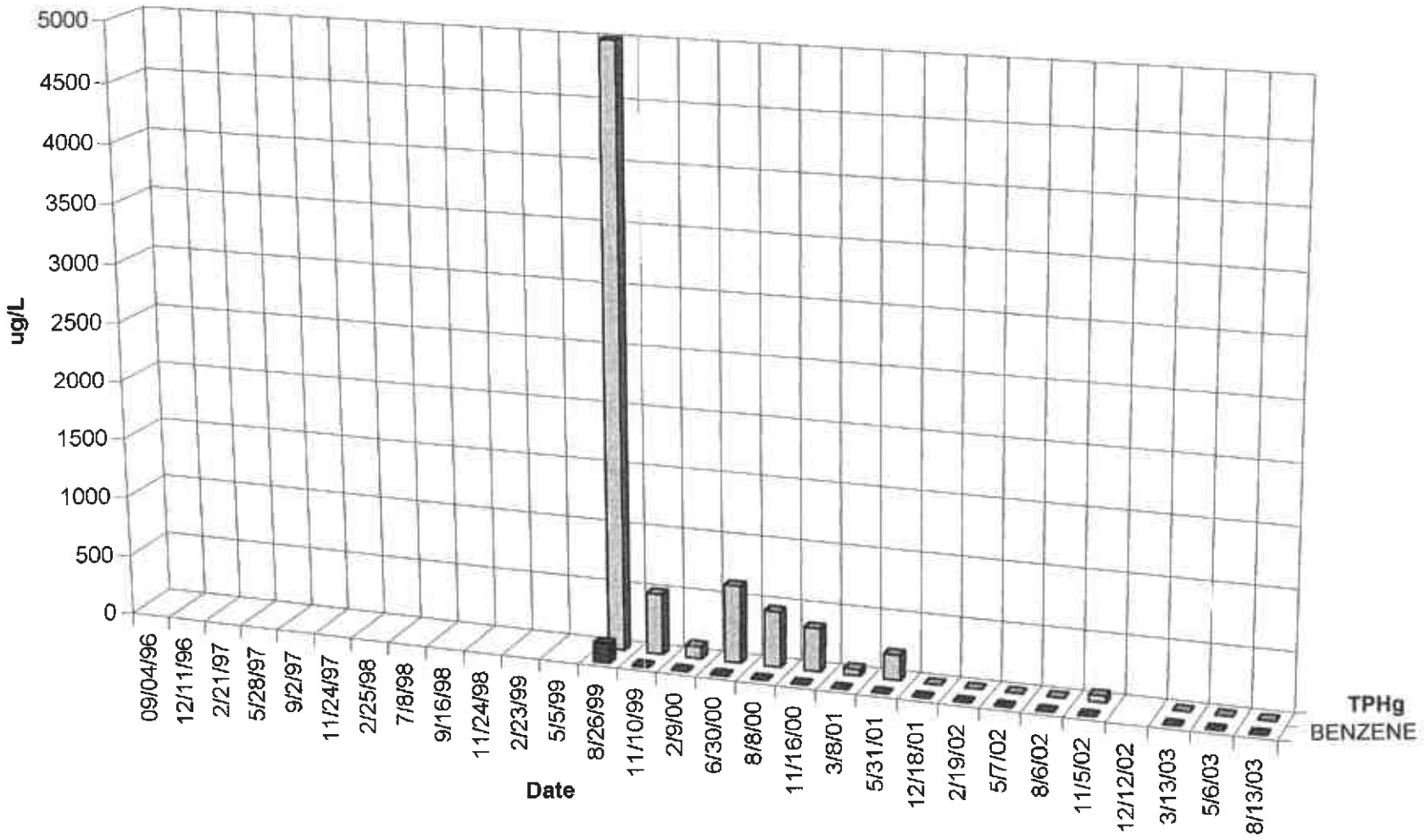
RS-8


160000
150000
140000
130000
120000
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
12/18/01
5/7/02
11/5/02
3/13/03
8/13/03
Date
TPHg
BENZENE

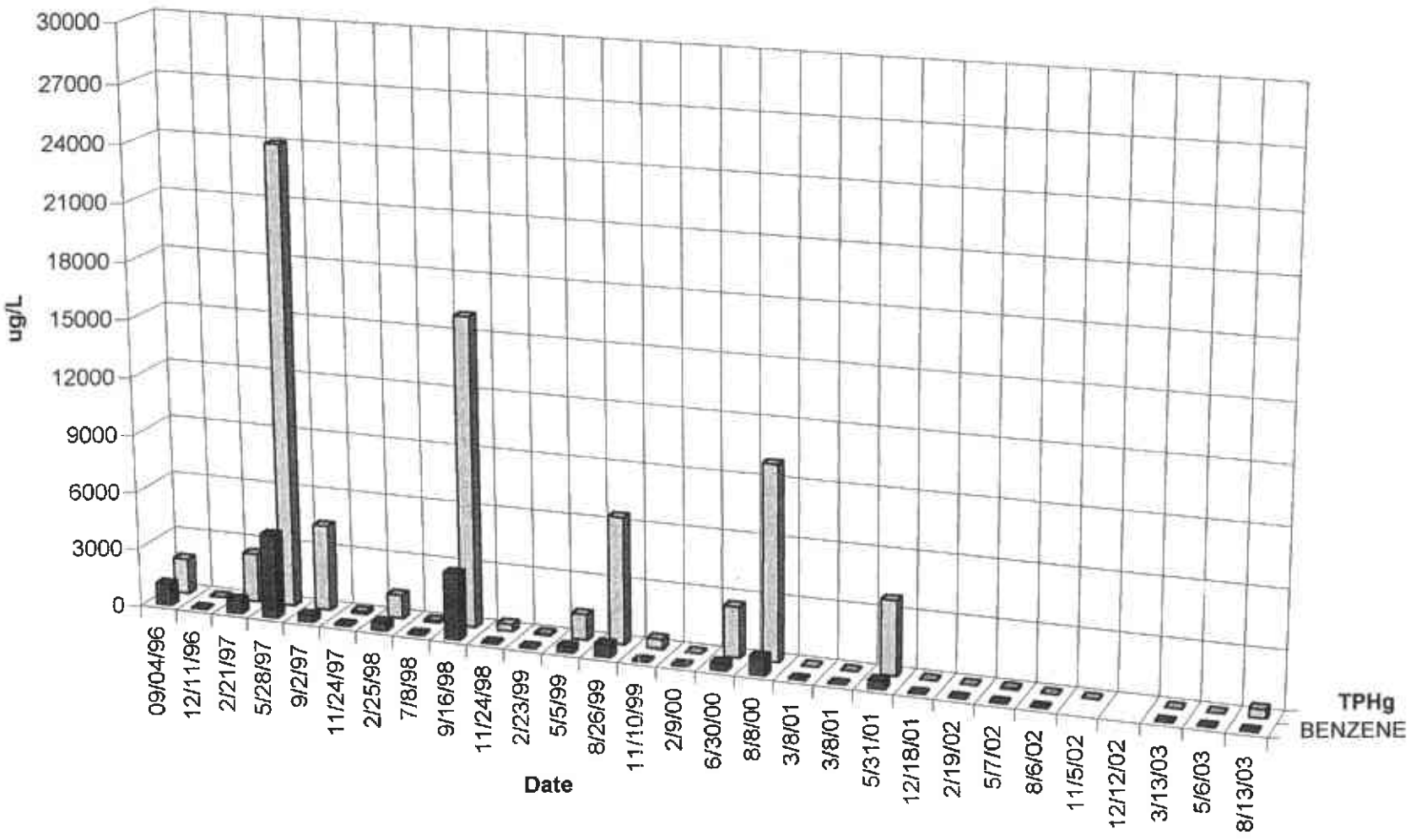
RS-9


18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
ug/L
09/04/96
12/11/96
2/21/97
5/28/97
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
12/18/01
2/19/02
5/7/02
8/6/02
11/5/02
12/12/02
3/13/03
5/6/03
8/13/03
Date
TPHg
BENZENE

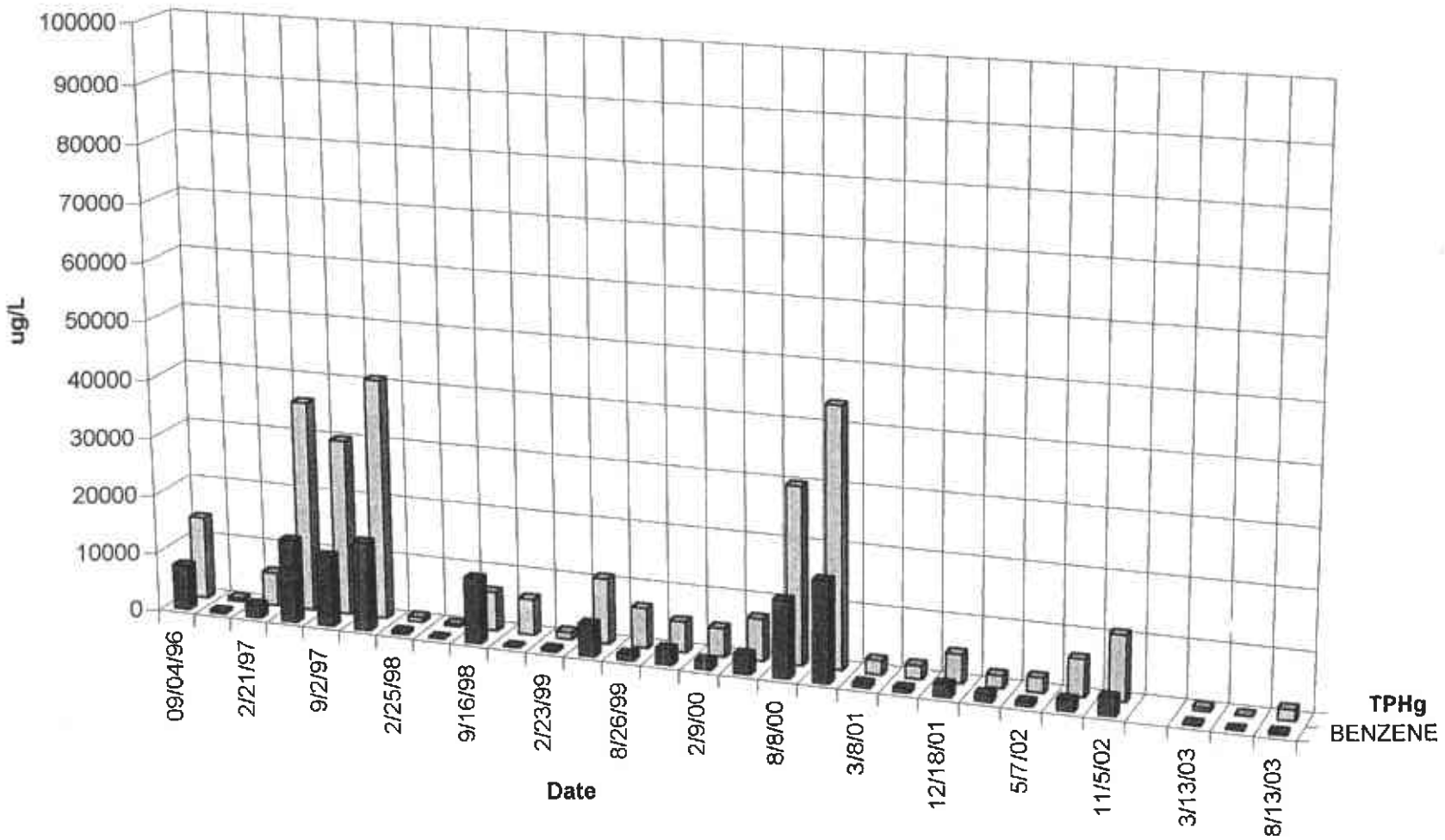
RS-10


5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
ug/L
09/04/96
12/11/96
2/21/97
5/28/97
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
12/18/01
2/19/02
5/7/02
8/6/02
11/5/02
12/12/02
3/13/03
5/6/03
8/13/03
Date
TPHg
BENZENE

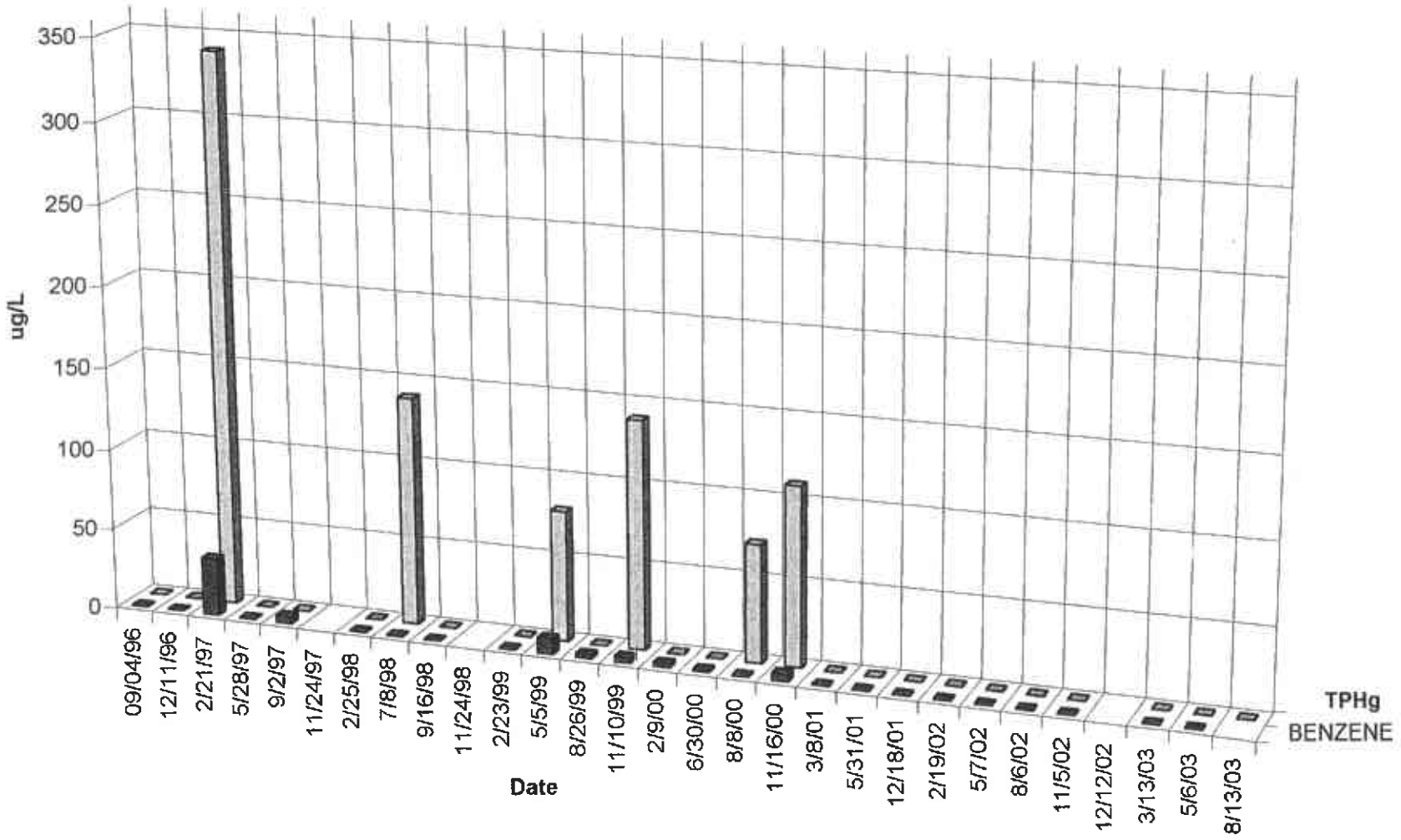
R-1


30000
27000
24000
21000
18000
15000
12000
9000
6000
3000
0
ug/L
09/04/96
12/11/96
2/21/97
5/28/97
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
3/8/01
3/8/01
5/31/01
12/18/01
2/19/02
5/7/02
8/6/02
11/5/02
12/12/02
3/13/03
5/6/03
8/13/03
Date
TPHg
BENZENE

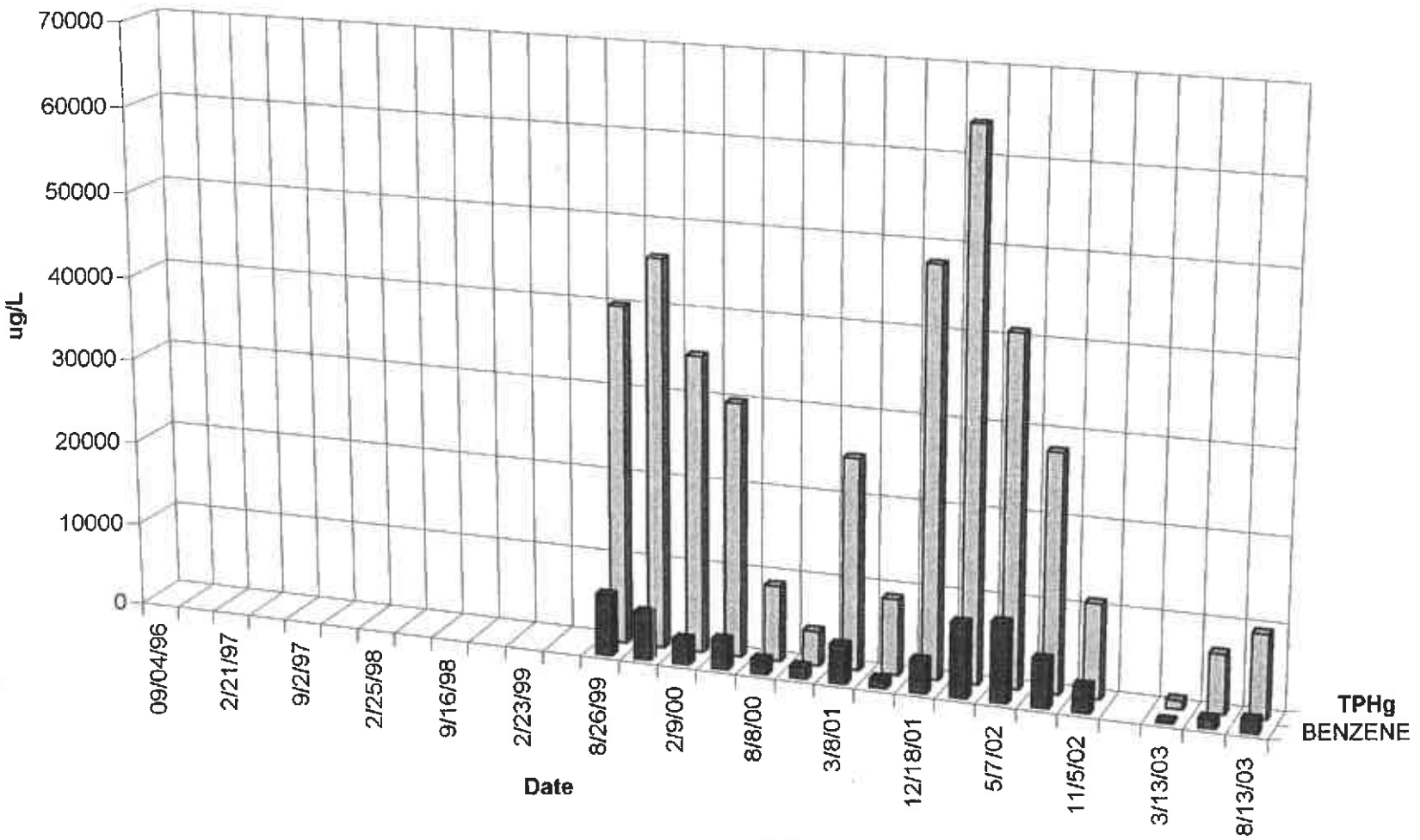
R-2


100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
12/18/01
5/7/02
11/5/02
3/13/03
8/13/03
Date
TPHg
BENZENE

R-3


350
300
250
200
150
100
50
0
ug/L
09/04/96
12/11/96
2/21/97
5/28/97
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
12/18/01
2/19/02
5/7/02
8/6/02
11/5/02
12/12/02
3/13/03
5/6/03
8/13/03
Date
TPHg
BENZENE

T-1


70000
60000
50000
40000
30000
20000
10000
0
ug/L
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
12/18/01
5/7/02
11/5/02
3/13/03
8/13/03
Date
TPHg
BENZENE

APPENDIX E

WASTEWATER DISCHARGE REPORT

desert petroleum inc.

Molly Ong.
Source Control Division
East Bay Municipal Utility District
P.O. Box 24055, MS 702
Oakland, CA 94623
(510) 287-1618
Fax (510) 287-0621

September 15, 2003

RE: Wastewater Discharge Quarterly Sampling for Permit #5043550 1, DP 793.

Dear Ms. Ong:

The enclosed table and certified laboratory report represents the sampling for wastewater Discharge Permit #5043550 1 for the period between June 5, 2003 and September 12, 2003. Continuous discharge from pumping at RS-5 was stopped on July 19, 2001. This pumping was restarted on March 21, 2002 and is continuing as of this date. A sample of the water discharged to sewer was obtained on August 13, 2003 and analyzed for TPHg, BTEX and MtBE using EPA method 8260B.

All discharge conditions have been met.

CERTIFICATION East Bay Municipal Utility District, Permit #5043550 1

I certify under penalty of law that this document and all attachments were prepared under my direction of supervision in accordance with a system designed to assure that the qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person of persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature Bill Thompson 9/19/03 date

TABLE 1
WASTEWATER DISCHARGE PERMIT # 5043550 1
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

WASTEWATER SOURCE ID	DATE	METER READING IN GALLONS #35635668 314110	NEW METER IN GALLONS #47083426	GALLONS DISCHARGED BETWEEN VISITS	ACCUMULATIVE GALLONS DISCHARGED	AVERAGE DISCHARGE PER MINUTE IN GALLONS	EPA METHOD 8260B BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MtBE ug/L
F1 (PSP No. 1)	7/12/01		1228500	4875	137180	0.48	EPA METHOD 8260B				
F1 (PSP No. 1)	7/19/01		1232750.7	4251	141431	0.42	<0.5	<0.5	<0.5	<0.5	
REMOVE PUMP AND DISCONTINUE SEWER DISCHARGE ON July 19, 2001, COMMENCE 1/4LY DISCHARGE											MTBE
F1 (PSP No. 1) 1/4LY SAMPLES	12/18/01			238	141669	5.00	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1) 1/4LY SAMPLES	2/19/02			246	141915	5.00	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	3/21/02		1235760	0	141915	2.00	place pump back into RS-5				
F1 (PSP No. 1)	3/27/02		1243817.8	8058	149973	0.93					
F1 (PSP No. 1)	4/11/02		1259678.6	15861	165833	0.73	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	5/7/02		1283903.1	24225	190058	0.65					
F1 (PSP No. 1)	6/6/02		1308480	24577	214635	0.57					
F1 (PSP No. 1)	7/18/02		1330934.8	22455	237090	0.37					
F1 (PSP No. 1)	8/6/02		1340694.7	9760	246849	0.36	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	9/12/02		1364301.5	23607	270456	0.44	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	10/30/02		1389884.7	25583	296039	0.37					
F1 (PSP No. 1)	11/5/02		1392931	3046	299086	0.35					
F1 (PSP No. 1)	12/12/02		1410216	17285	316371	0.32	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	1/9/03		1431653.1	21437	337808	0.53					
F1 (PSP No. 1)	2/19/03		1462658.4	31005	368813	0.53					
F1 (PSP No. 1)	3/13/03		1478624.6	15966	384779	0.50	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	4/15/03		1496745.6	18121	402900	0.38					
F1 (PSP No. 1)	5/6/03		1516728.7	19983	422883	0.66	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	6/5/03		1536327.1	19598	442482	0.45					
F1 (PSP No. 1)	7/3/03		1558031.2	21704	464186	0.54					
F1 (PSP No. 1)	8/13/03		1587475.1	29444	493630	0.50	<0.5	<0.5	<0.5	<0.5	<0.5
F1 (PSP No. 1)	9/12/03		1607619	20144	513774	0.47					

< BELOW LABORATORY LOWER DETECTION LIMITS

ug/L micrograms per liter (parts per billion)

Note: water meter #47083426 did not function during initial test, substitute meter #35635668 used until cleaned and tested. Re-Installed January 28, 2000.

Note: water meter difference from 7/19/2001 to 3/21/2002 is from use of meter at other sites to meter discharges when pumping was discontinued on 7/19/2001.

WATER DISCHARGED TO SEWER IS FROM PURGING OF T1, DISCHARGE FROM WELL RS5 AND PURGED WATER FROM 1/4LY SAMPLING.

KIFF ANALYTICAL LLC

Report Number : 34489
Date : 8/18/2003

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

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

Dear Mr. Converse,

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

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

Sincerely,

Jeff Dahl

KIFF ANALYTICAL LLC

Report Number : 34489
Date : 8/18/2003

Project Name : **DP793 DISCHARGE**
Project Number : **DP793**

Sample : **CARBON DISCHARGE** Matrix : Water Lab Number : 34489-01
Sample Date :8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	8/14/2003
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	8/14/2003
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	8/14/2003
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/14/2003

Approved By: Jeff Dahl

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

Report Number : 34489

Date : 8/18/2003

QC Report : Method Blank Data

Project Name : **DP793 DISCHARGE**

Project Number : **DP793**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/13/2003
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/13/2003
Toluene - d8 (Surr)	98.9		%	EPA 8260B	8/13/2003
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	8/13/2003

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 34489

Date : 8/18/2003

Project Name : **DP793 DISCHARGE**

Project Number : **DP793**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	34460-01	<0.50	40.0	40.0	40.9	39.8	ug/L	EPA 8260B	8/13/03	102	99.5	2.68	70-130	25
Toluene	34460-01	<0.50	40.0	40.0	40.9	39.8	ug/L	EPA 8260B	8/13/03	102	99.4	2.88	70-130	25
Tert-Butanol	34460-01	<5.0	200	200	207	202	ug/L	EPA 8260B	8/13/03	103	101	2.07	70-130	25
Methyl-t-Butyl Ether	34460-01	4.7	40.0	40.0	46.5	44.4	ug/L	EPA 8260B	8/13/03	105	99.3	5.27	70-130	25

Approved By: Jeff Dahl

KIFF ANALYTICAL, LLC

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

QC Report : Laboratory Control Sample (LCS)

Report Number : 34489
Date : 8/18/2003

Project Name : **DP793 DISCHARGE**
Project Number : **DP793**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/13/03	93.5	70-130
Toluene	40.0	ug/L	EPA 8260B	8/13/03	94.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/13/03	95.6	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/13/03	96.8	70-130

Approved By: Jeff Dahl

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

KIFF ANALYTICAL LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 34489 Page ____ of ____

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Converse

Company/Address: Woodland WEGE 1886 Bernoca CA 95776

Phone No.: 530 668 5300 FAX No.: 530 662 0273

Project Number: DP793 P.O. No:

Project Name: DP793 discharge

Project Address: Park Blvd

California EDF Report? ☐ Yes ☒ No

Recommended but not mandatory to complete this section:

Sampling Company Log Code: . . .

Global ID: . . . . . .

EDF Deliverable To (Email Address): wegelab@calvet

Sampler Signature: K2 Bradley

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL (X) W.E.T. (X)	TAT: 12 hr/24 hr/48 hr/72 hr/ wk	For Lab Use Only
carbon Discharge	8/13/03	1230	3		✓		✓		✓						✓										✓	-01

Relinquished by:	Date	Time	Received by:
K2 Bradley	8/13/03	1535	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by/Laboratory
	8/13/03	1535	Michelle Woodworth / KIFF Analytical

Remarks:

Bill to:

Distribution: White - Lab, Yellow - File, Pink - Originator

Forms/coc 121001.fh9

COMPLIANCE EVENT REMINDER NOTICE

EAST BAY
MUNICIPAL UTILITY DISTRICT

DAVID R. WILLIAMS
DIRECTOR OF WASTEWATER

September 8, 2003

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

Dear Mr. Converse:

Re: Wastewater Discharge Permit No. 50435501

Desert Petroleum, Inc. is required to submit periodic compliance reports. This is a reminder that a Self-Monitoring Report for the period July 1, 2003 - September 30, 2003 is due by October 31, 2003.

The Self-Monitoring Report for the period July 1, 2003 - September 30, 2003 must contain the proper certification statement and shall be signed by an authorized person in accordance with Section B of the permit Standard Terms And Conditions. This report must be completed and mailed to the Environmental Services Division by the due date. A violation follow up fee may be assessed for late, incomplete or failure to submit this report.

Please call me at (510)287-1618 if you have any questions.

Sincerely,

MOLLY ONG
Wastewater Control Representative

MKO:mko

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

APPENDIX F

60 DAY NOTICE TO INITIATE WORKPLAN

-WEGE-

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

WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

July 31, 2003

Mr. Scott Seery.
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6783
FACSMILE (510) 337-9335

RE: Notice to initiate Workplan submitted May 1, 2003 to 1) investigate impacted soil contamination both above and below the groundwater table, 2) investigate the vertical extent of contamination in groundwater and 3) update the RBCA Tier II to evaluate remediation options at 4035 Park Boulevard, Oakland, CA 94602

Dear Mr. Seery:

As per your letter dated February 27, 2003 addressed to Mr. Bill Thompson, Desert Petroleum. The Work Plan was submitted on May 1, 2003 for determining the risk of gasoline contaminated soils and groundwater to the environment. The results of the work outlined in the Plan will be utilized to update the RBCA Tier II model and aid in developing the remediation strategy(s) necessary for this site.

In a phone conversation with you on July 31, 2003 you informed me that you had not been able to review the workplan due to your caseload and work schedule. Western Geo-Engineers is therefore notifying you and Alameda County Health that we plan on initiating the workplan on August 11, 2003 which is well in excess of the mandatory (Title 23, Div. 3, Chapt. 16, 2722e) 60 day review/response period. If you or your office has any concerns please respond by the August 11, 2003 date.

LOCATION

Former Desert Petroleum #793 is a non-active service station, located on the northwest corner of the intersection of Park Boulevard and Hampel Street at 4035 Park Blvd., Oakland, California. USTs and associated piping were removed June 23, 1994 and the station building was demolished in April 2003. The site is located in projected section 32; T1S; R3W; MDB&M at an approximate elevation of 210 feet above mean sea level.

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

SCHEDULE

May 1, 2003	Mail Workplan to Alameda County Health for Approval.
August 11, 2003	Submit Request for Bids to qualified Drilling Contractors
August 18, 2003	Submitt Cost to UST Fund for Pre-Approval
Receive UST Fund Pre-Approval	Schedule Work, start permitting and notifications
Four weeks after UST Pre-Approval	Perform Continuous Core Lateral and Vertical Assessement. Submit selected soil and groundwater samples to California Certified Laboratory
Six weeks after UST Pre-Approval	Receive laboratory reports
Eight weeks after UST Pre-Approval	Draft copy of report of findings to Desert Petroleum for review and comment.
Nine weeks after UST Pre-Approval	Submit report of findings with recommendations to Alameda County Health.

LIMITATIONS

The information presented in this report is based on the following:

1. The observations and data collected by field personnel.
2. The result of laboratory analyzes performed by a state certified analytical laboratory.
3. Our understanding of the regulations of Alameda County, the City of Oakland and the State of California.
4. References reviewed for this report.

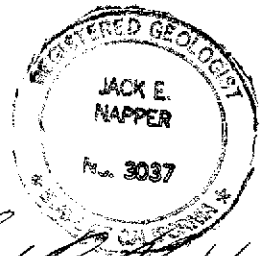
Changes in groundwater conditions can occur due to variations in rainfall, temperature, local and regional water use and local construction practices. In addition, variations in the soil and groundwater conditions could exist beyond the points explored in this investigation.

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, a corporation under California Registered Geologist #3037 and/or Contractors License #513857, 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, the City of Oakland and Alameda County.

Our work and/or supervision of remediation and/or abatement operations, active or preliminary at this site is no way meant to imply that we are owners or operators of this site. Please note that the known 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 yours,



George L. Converse
Project Manager

Jack E. Napper
Ca. Reg. Geologist #3037

cc: Ms. Donna Drogos, Alameda County Health
Mr. William Thompson , Desert Petroleum, Inc.
Mr. Leroy Griffin, Oakland Fire Dept.
Mr. Kin Man Li, property owner