SECOND QUARTER 2001 UPDATE STATUS REPORT
DP 793
4035 PARK BLVD.
OAKLAND, CALIFORNIA

FOR

DESERT PETROLUEM INC.

BY

-WEGE-
WESTERN GEO-ENGINEERS
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June 19, 2001

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

June 19, 2001

Dear Mr. Rutherford:

The following report documents the Second Quarter 2001 collection and certified laboratory analysis of groundwater samples from eight monitoring wells (MW1, RS2, RS5, RS6, RS7, RS8, RS9 and RS10), three water recovery/injection wells (R1, R2 and R3) and the receptor trench well (T1) associated with former Desert Petroleum Station #793.

1.0 SITE LOCATION AND DESCRIPTION

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 (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).

2.0 LOCAL GEOLOGY

2.1 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.

2.2 Stratigraphy

2.1.1 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.

2.1.2 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 consists 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.

2.1.3 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 caly 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.

3.0 COLLECTION AND ANALYSIS OF GROUNDWATER SAMPLES, May 31, 2001

The second quarter sampling occurred on May 31, 2001. Water samples were collected from wells R1, R2, R3, MW1, RS-2, RS-5, and RS-6 located on-site and RS-7, RS-8, RS-9, RS-10 and T1 located offsite in the backyards and along Brighton Avenue northeast of the site (Figure 3), see Table 1. Appendix A contains QA/QC, details, methods, procedures, abbreviations, and acronyms used in sampling and analysis.

3.1 Depth to Water Measurements

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 May 31, 2001.

3.2 Purging of Monitor Wells

David Pittman Well Purge (DPWP), using a truck mounted vacuum lift pump and one-inch diameter PVC tubing purged the monitor wells of three volumes of water. The specific volume of water removed from each well is recorded on the well sampling data sheets (Appendix A).

3.3 Collection and Certified Analysis of Groundwater Samples

After purging, the wells were allowed to recover to at least 80% of their original well volumes. A groundwater sample was then collected from each well with a disposable polyethylene bailer and decanted, with no headspace, into two 40 ml VOA vials containing 0.5 ml HCL acid as a preservative. Kiff Analytical LLC (DHS certified #2236) Laboratories analyzed all water samples for concentrations of TPH-G, BTEX, and MTBE using EPA method 8260B (Appendix C). **On December 7,1989, this site ceased operation and all fuel was removed.** Presence of MTBE by Method 8020 from the November 24, 1998 sampling was verified with EPA Method 8260. This most recent sampling showed MTBE in wells RS-5, RS-7 and recovery trench T1. The November 24, 1998 was the first occurrence of MTBE and was associated with the upgradient wells MW-1 and RS-2. This indicates an upgradient source for the MTBE may exist. Previous sample results and the February 23, 1999 sample results showed all wells below laboratory lower detection limits for MTBE using standard methods and the September 1998 samples from all wells were also analyzed for the Fuel Oxygenants using EPA Method 8260. All wells tested below laboratory lower detection limits.

Fuel Oxygenants (Method 8260)	Laboratory Lower Detection Limits
Ethanol	500 ug/L
Methyl-t-Butyl Ether (MTBE)	1 ug/L
Di Isopropyl Ether (DIPE)	5 ug/L
Tertiary Butyl Alcohol (TBA)	5 ug/L
Ethyl t Butyl Ether (ETBE)	5 ug/L
t-Amyl Methyl Ether (TAME)	1 ug/L

Appendix D contains a chart comparing the amount of MTBE found in wells MW1, RS2, RS5, RS6 and RS7 versus time. This chart indicates two major occurrences of MTBE, the winter of 1996 and the summer of 1999.

3.4 Disposition of Waste Water

The wastewater generated from the purging of the monitor wells during sampling was pumped through two, in series, activated water carbon units and then to the on-site sanitary sewer (wastewater discharge permit # 5043550 1). As of June 14, 2001 119,341 gallons of treated groundwater have been discharged to East Bay Municipal Utility District sewer system, under the permit, see Table 2 and Appendix B. Prior to January 2000, purged well water was removed from the site and transported to a recycling facility, by Evergreen Environmental Services.

4.0 RESULTS OF QUARTERLY GROUNDWATER MONITORING

4.1 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 May 31, 2001. 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. As shown on Figure 4 a cone of influence has developed that extends out to offsite well RS-8. This influence can also be see by comparing the groundwater elevation charts generated for each well. These charts show a decrease in groundwater elevation for wells RS 2, RS 5, RS 10, R1, and R3. Table 1 shows the groundwater elevations for the wells during the assessment of this site.

The current flow direction is northwest to west. The hydraulic gradient averages 0.078 feet/linear foot downgradient of RS-10 outside the influence of pumping from RS-5, see Figure 4. The current flow direction and hydraulic gradient are consistent with previous determinations by WEGE.

4.2 Results of Certified Analysis of Groundwater Samples

The results of the certified analyses of groundwater samples collected on May 31, 2001 are shown in Table 1 and Figure 5. Copies of the laboratory reports are included as Appendix C of this report.

TPH-G concentrations in water samples from the eight monitor wells, the receptor trench well and three recovery wells ranged from a maximum of 10 mg/l at RS7, to below laboratory lower detection limits of 50 ug/L in wells MW1, MW2 and RS3 respectively. Benzene concentrations ranged from a maximum of 1.9 mg/L in RS7 to below the laboratory lower detection limits (0.5 ug/L) at wells MW1, RS2, RS6, RS10, and R3.

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, R3and Trench well T1. RS9 contained 5.5 ug/L MTBE. 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 shows the areal distribution of the hydrocarbon plume in groundwater as determined from groundwater samples collected from the monitor wells and from non-certified results from the Soil Probe Surveys.

5.0 WEEKLY 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. As of June 14, 2001, 58,173 gallons of contaminated groundwater have been removed from the trench, processed through two, in series, activated carbon water scrubs and discharged to the sanitary sewer. The weekly purging of the receptor trench will continue until a conduit can be placed along Park Avenue and Brighton Avenue connected the T1 well (receptor trench) to the treatment compound. This will allow the placement of a submersible pump into T1 that will continuously pump at 2 gpm, removing an estimated 20,000 gallons of contaminated water weekly, instead of the 700 to 1600 gallons currently being recovered on a weekly bases.

6.0 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 March 21, 2001. On March 21, 2001 during site inspection it was determined that the pump was not able to lift groundwater from the well and discharge through the water carbon units. The pump was brought back to the WEGE shop for inspection. Inspection and cleaning of the pump determined that the pump was no longer capable of pumping water and a new pump was ordered. From February 15 through March 14, 2001 22,758 gallons of gasoline contaminated groundwater was recovered from RS-5 and treated through carbon before being discharged to the sewer. A new pump was placed into RS-5 on April 12, 2001. As of June 14, 2001 61,167.5 gallons of gasoline contaminated groundwater have been recovered from RS-5.

The pumping from RS-5 has lowered the groundwater at this well by at least 10.35 feet, when compared to the previous water measurements. And has created a cone of influence out to offsite wells RS-8 and RS-10, see Figure 4. Also recirculating the pumped groundwater, before it leaves the well (RS-5) has increased the dissolved oxygen in RS-5 from 0.7 mg/L (August 26, 1999) to 3.1 mg/L (March 8, 2001) which should aid in the biodegradation of the hydrocarbon plume, see Table 4.

7.0 WEEKLY NUTRIENT AUGMENTATION

Presently there is no nutrient augmentation into any wells associated with this site. Nutrient augmentation will commence once the workplan presented with the Third Quarter 2000 Report has been approved. The workplan proposes to introduce fifty gallons of nutrient enriched water (consisting of 15 pounds of sodium hexametaphosphate and 15 pounds of ammonium sulfate) into well R3. Prior to introduction of the nutrient enriched water, wells R1, R2, R3, RS8, RS9, RS10 and T1 will be field screened for the presence of dissolved oxygen, reactive phosphorus, sulfate and

nitrogen using the Hach DR/2000 Spectrophotometer. Four hours after introduction of the five gallons of nutrients into R3, wells R1, R2 and R3 will be sampled and field screened for reactive phosphorus, sulfate and nitrogen using the Hach DR/2000 Spectrophotometer. Thereafter weekly measurements will be obtained from R1, R2 and T1 and monthly measurements from RS8, RS9 and RS10, see Third Quarter 2000 report dated August 29, 2000 Appendix E – Nutrient Augmentation Workplan, Appendix F-Scope News Letter, Appendix G-MSDS, and Appendix H – Hach field procedures.

8.0 SUMMARY

Since the installation and weekly purging of the receptor trench (T1) TPHg concentrations in down gradient wells RS-7 and RS-9 have decreased along with the depth to groundwater, see Table 1 with charts RS-7. The weekly purging of the receptor trench is 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, R3, RS-5, RS-8 and RS-10.

9.0 RECOMMENDATIONS

- Continue the weekly four hour purge of T1.
- Start augmentation of nutrients (sodium hexametaphosphate and ammonium sulfate) into well R3
- Perform monthly field measurements of dissolved oxygen, phosphate, sulfate and nitrogen at R1, R2, RS8, RS10, T1 and RS9 once nutrient augmentation commences.

10.0 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,

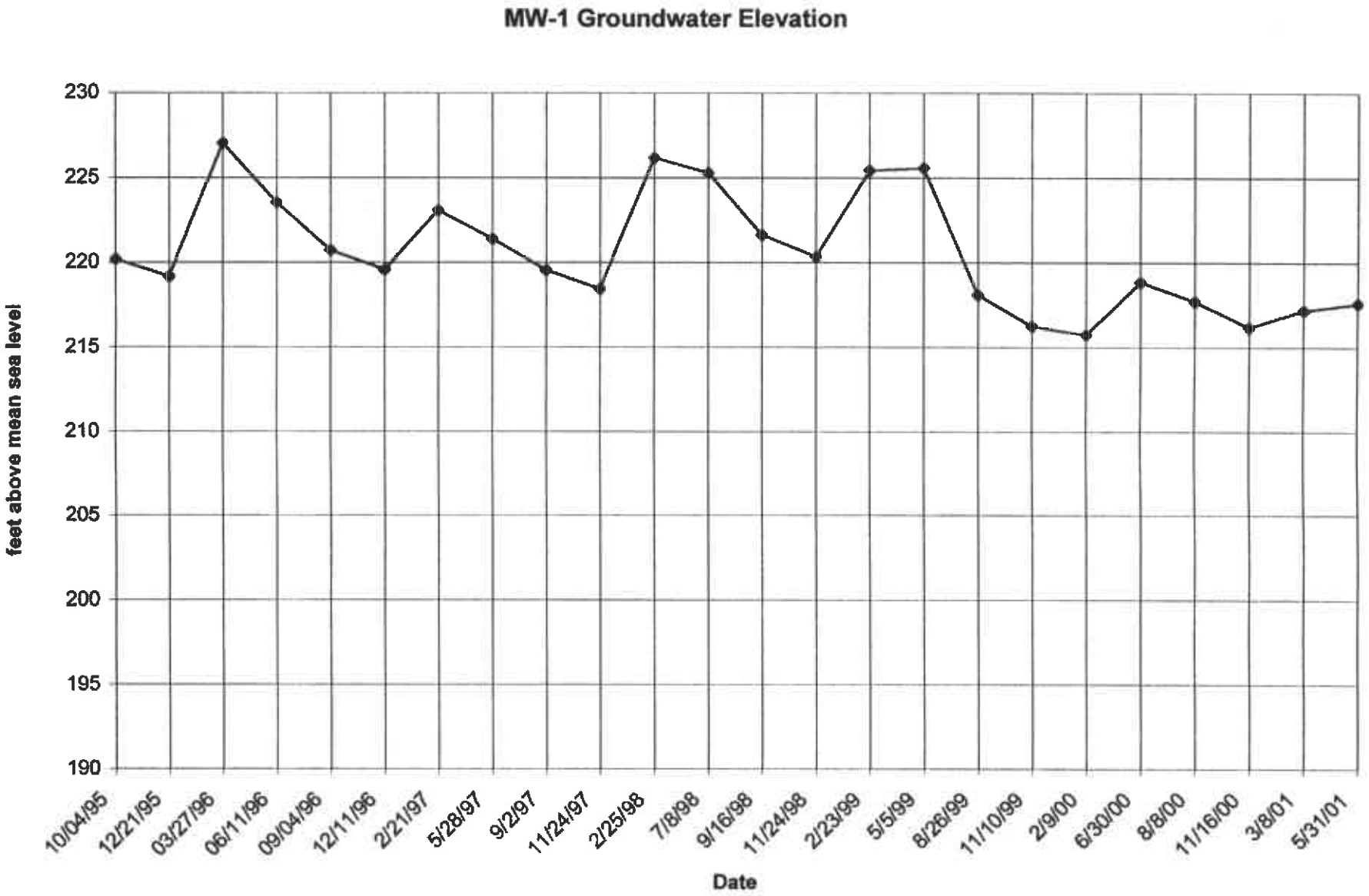
George Converse
Geologist

Jack E. Napper
Ca. Reg. Geologist #3037

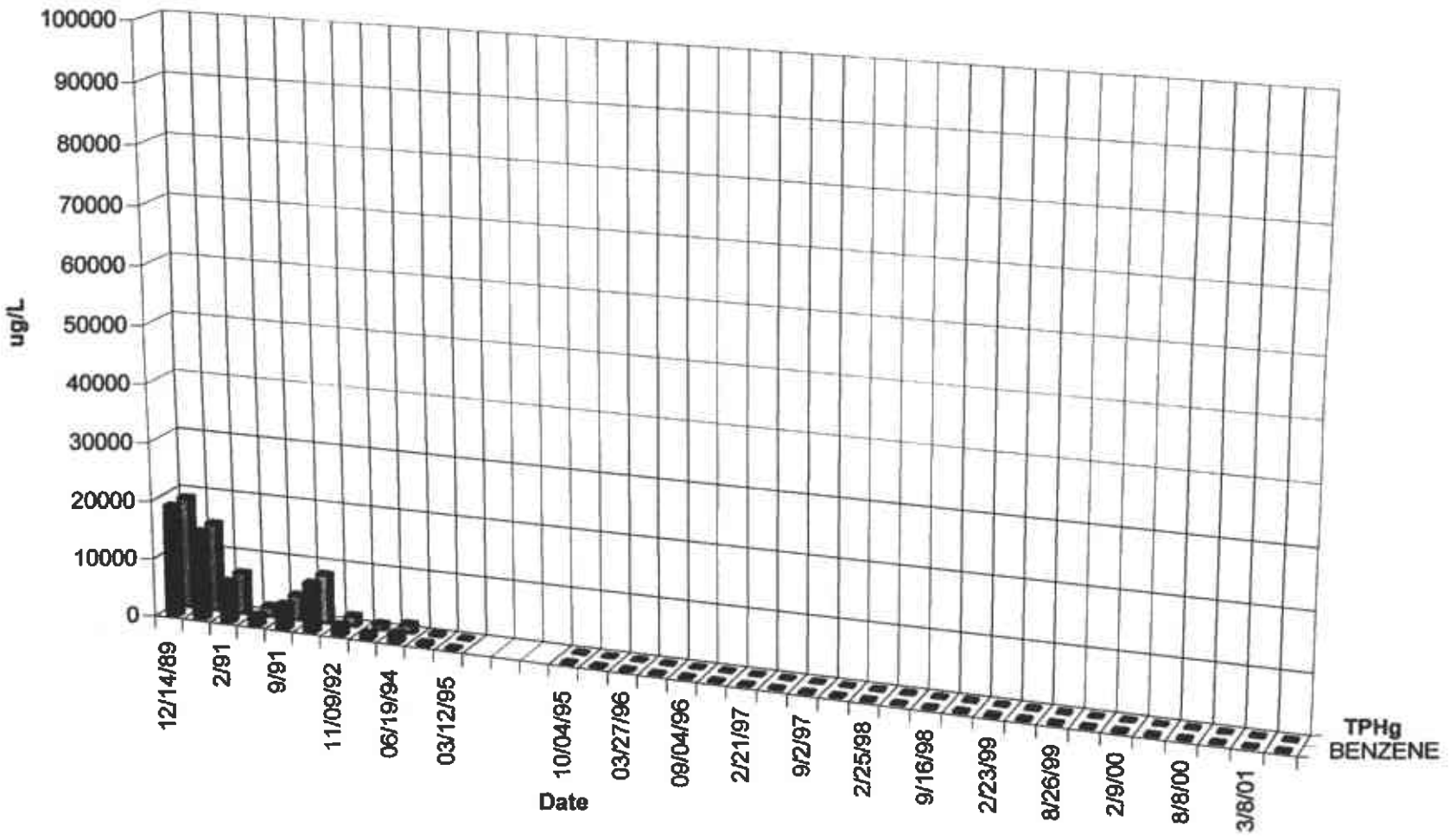
cc: Mr.Tom Peacock, Alameda County Health (510) 567-6774
Mr. Leroy Griffin, Oakland Fire Dept.

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
RS-1	12/14/89	240	24.25	215.75		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	180.000	12	26	
RS-1	9/91					4100	730	7.6	5.1	24	
RS-1	12/91					8300	950	160	71	190	
RS-1	11/09/92	100.18	17.05	83.13		1700	730	9.6	16	14	
RS-1	04/07/94	100.18	13	87.18		860	84	12	16	110	
RS-1	06/19/94	228.15	13.37	214.78		1400	150	12	52	87	
RS-1	09/17/94	228.15	16.33	211.82		310	30	1.8	2.8	3.9	
RS-1	03/12/95	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	10/04/95	232.57	12.38	220.19		ND	ND	ND	ND	ND	
MW-1	12/21/95	232.57	13.40	219.17		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-1	03/27/96	232.57	5.53	227.04		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50
MW-1	06/11/96	232.57	9.02	223.55		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50
MW-1	09/04/96	232.57	11.84	220.73		< 50	< 0.5	< 0.5	< 0.5	< 2	< 5
MW-1	12/11/96	232.57	12.98	219.59		< 50	< 0.5	0.9	< 0.5	< 1	< 0.5
MW-1	2/21/97	232.57	9.50	223.07		< 50	< 0.5	0.9	< 0.5	< 1	< 0.5 *
MW-1	5/28/97	232.57	11.18	221.39		< 50	3	3	< 0.5	< 1	< 0.5 *
MW-1	9/2/97	232.57	13.00	219.57		< 50	5	< 0.5	< 0.5	< 1	< 0.5 *
MW-1	11/24/97	232.57	14.12	218.45		< 50	5	< 0.5	< 0.5	< 1	< 0.5 *
MW-1	2/25/98	232.57	6.41	226.16		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5 *
MW-1	7/8/98	232.57	7.28	225.29		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1 *
MW-1	9/16/98	232.57	10.96	221.61		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1 *
MW-1	11/24/98	232.57	12.24	220.33		52	2.3	5.2	< 0.5	5.4	11 *
MW-1	2/23/99	232.57	7.14	225.43		< 50	< 0.5	5	< 0.5	< 1	< 0.5
MW-1	5/5/99	232.57	7.00	225.57		< 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 Groundwater Elevation
feet above mean sea level
230
225
220
215
210
205
200
195
190
10/04/95
12/21/95
03/27/96
06/11/96
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
Date

RS-1/MW-1 TPHg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11/09/92
06/19/94
03/12/95
10/04/95
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
Date
TPHg
BENZENE

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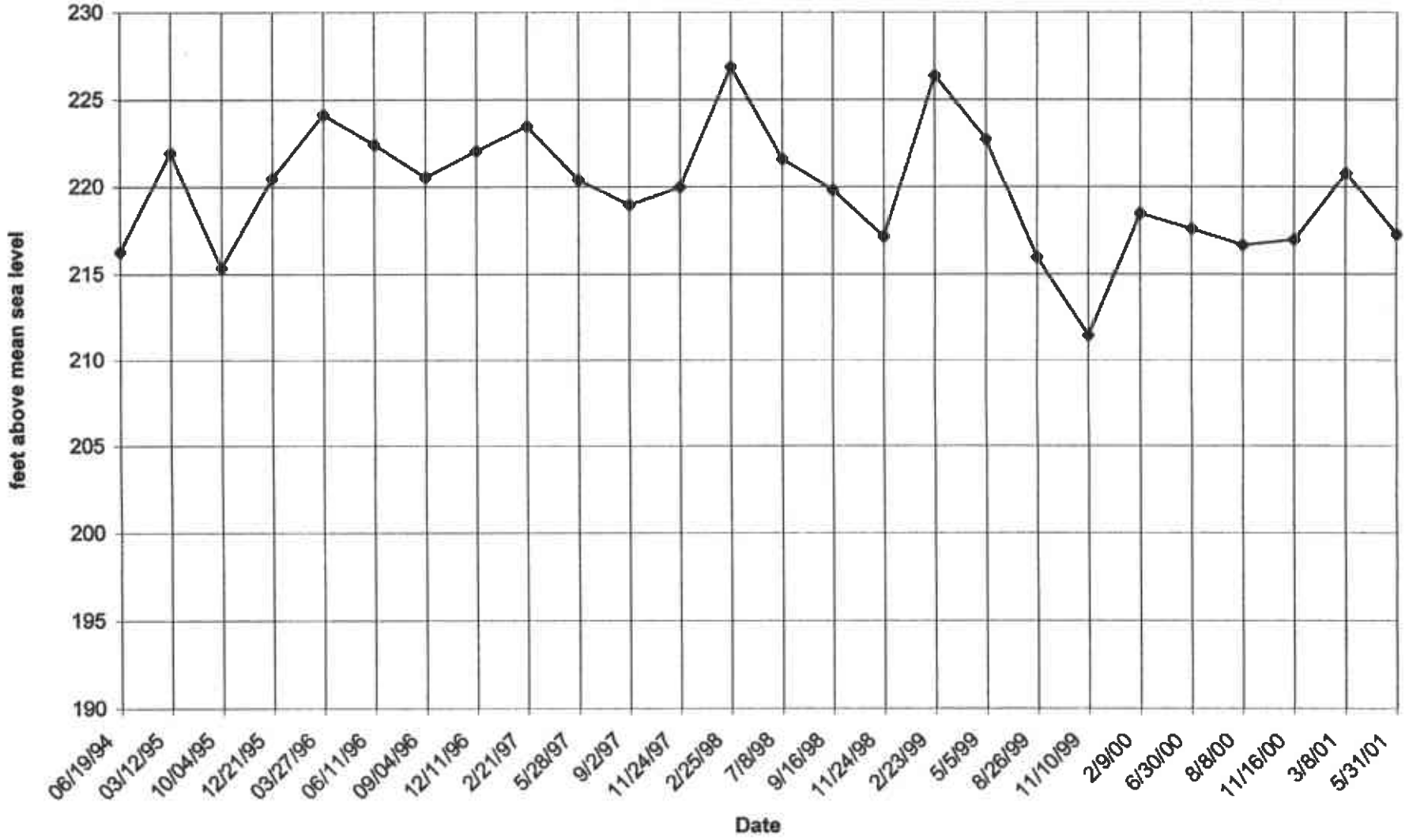
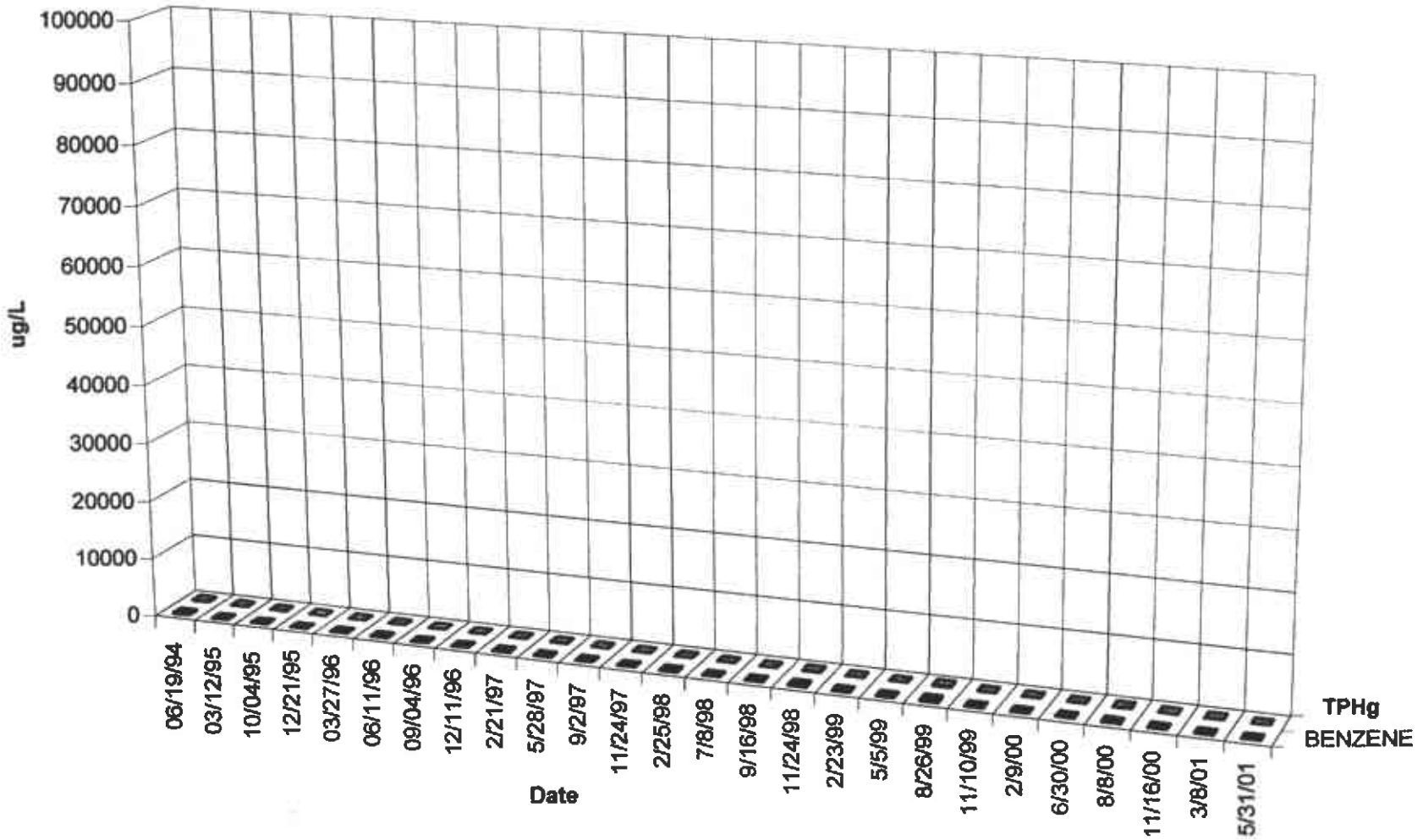
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
RS-2	06/19/94	227.19	10.89	216.3		140	9.2	34	4.3	24.0	
RS-2	03/12/95	227.19	5.26	221.93		ND	ND	ND	ND	ND	
RS-2	10/04/95	230.43	15.05	215.38		ND	ND	ND	ND	ND	
RS-2	12/21/95	230.43	9.95	220.48		< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
RS-2	03/27/96	230.43	6.28	224.15		< 50	< 0.5	< 0.5	< 0.5	< 2	< 50
RS-2	06/11/96	230.43	8.00	222.43		< 50	1.2	2.8	< 0.5	< 2	< 50
RS-2	09/04/96	230.43	9.89	220.54		< 50	< 0.5	< 0.5	< 0.5	< 2	< 5
RS-2	12/11/96	230.43	8.38	222.05		< 50	< 0.5	< 0.5	< 0.5	< 1	6
RS-2	2/21/97	230.43	6.96	223.47		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5 *
RS-2	5/28/97	230.43	10.02	220.41		< 50	3	3	< 0.5	< 1	< 0.5 *
RS-2	9/2/97	230.43	11.46	218.97		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5 *
RS-2	11/24/97	230.43	10.43	220		< 50	< 0.5	1	< 0.5	3	< 0.5 *
RS-2	2/25/98	230.43	3.57	226.86		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5 *
RS-2	7/8/98	230.43	8.83	221.6		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1 *
RS-2	9/16/98	230.43	10.60	219.83		< 50	< 0.5	< 0.5	< 0.5	< 1	< 1 *
RS-2	11/24/98	230.43	13.27	217.16		140	2.8	19	2.6	3.3	15 *
RS-2	2/23/99	230.43	4.06	226.37		< 50	< 0.5	< 0.5	< 0.5	< 1	< 0.5
RS-2	5/5/99	230.43	7.70	222.73		< 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	217.6		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		< 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	217.3		< 50	<0.5	<0.5	<0.5	<0.5	<0.5 ****

RS-2 Groundwater Elevation



RS-2 TPHg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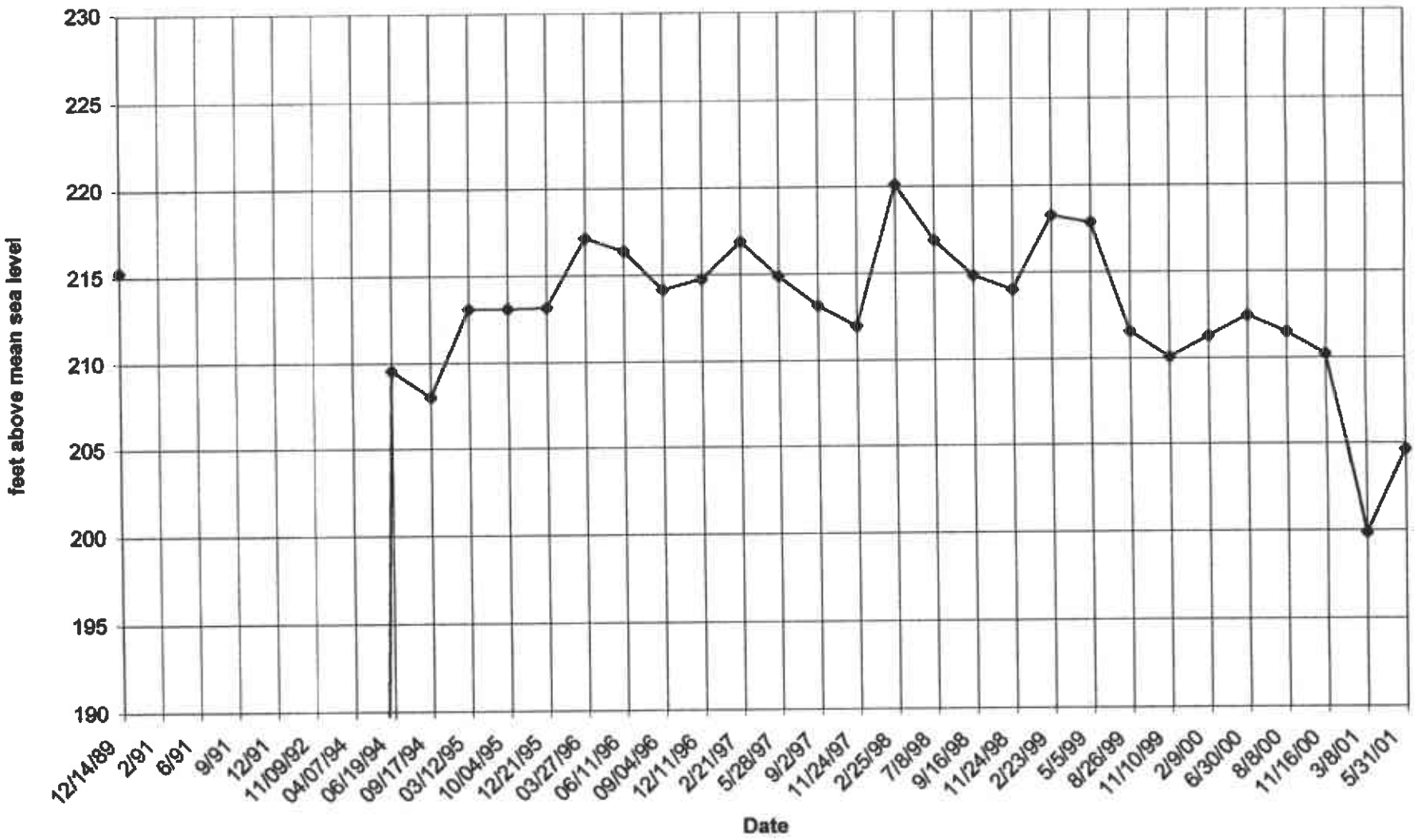
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)											
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
RS-5	12/14/89	241.26	25.97	215.29		57000	3100	4300	670	3400		
RS-5	2/91		FLOATING PRODUCT									
RS-5	6/91		FLOATING PRODUCT									
RS-5	9/91		FLOATING PRODUCT									
RS-5	12/91		FLOATING PRODUCT									
RS-5	11/09/92	98.99	20.73	78.26		50000	650	4800	1100	15000		
RS-5	04/07/94	98.99	18.16	80.83		27000	5000	8700	550	2800		
RS-5	06/19/94	227.65	18.11	209.54		20000	2100	5300	470	2500		
RS-5	09/17/94	227.65	19.63	208.02		9300	230	340	110	700		
RS-5	03/12/95	227.65	14.54	213.11		93000	6400	2000	19000	10000		
RS-5	10/04/95	230.64	17.53	213.11		16000	420	2100	320	1800		
RS-5	12/21/95	230.64	17.47	213.17		48000	3500	9200	840	4800	56	
RS-5	03/27/96	230.64	13.51	217.13		68000	4900	18000	1700	11000	< 3000	
RS-5	06/11/96	230.64	14.25	216.39		66000	6300	20000	2100	12000	< 3000	
RS-5	09/04/96	230.64	16.50	214.14		31000	2100	11000	1100	6800	400	
RS-5	12/11/96	230.64	15.88	214.76		85000	7000	21000	1800	8900	570	
RS-5	2/21/97	230.64	13.76	216.88	sh	100000	5000	22000	1700	7300	<0.5	*
RS-5	5/28/97	230.64	15.77	214.87		52000	4500	19000	2100	10000	<0.5	*
RS-5	9/2/97	230.64	17.47	213.17		38000	2200	9400	1300	5800	<0.5	
RS-5	11/24/97	230.64	18.67	211.97		45000	4000	16000	1900	9700	<0.5	*
RS-5	2/25/98	230.64	10.53	220.11		160000	2700	31000	5300	28000	<0.5	*
RS-5	7/8/98	230.64	13.75	216.89		45000	2800	12000	2000	8500	<10	*
RS-5	9/16/98	230.64	15.80	214.84		49000	1400	7500	1700	8600	<5	*
RS-5	11/24/98	230.64	16.64	214		89000	5300	15000	2800	13000	<10	
RS-5	2/23/99	230.64	12.36	218.28		19000	1900	11000	2500	4800	<25	*
RS-5	5/5/99	230.64	12.78	217.86		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 Groundwater Elevation



RS-5

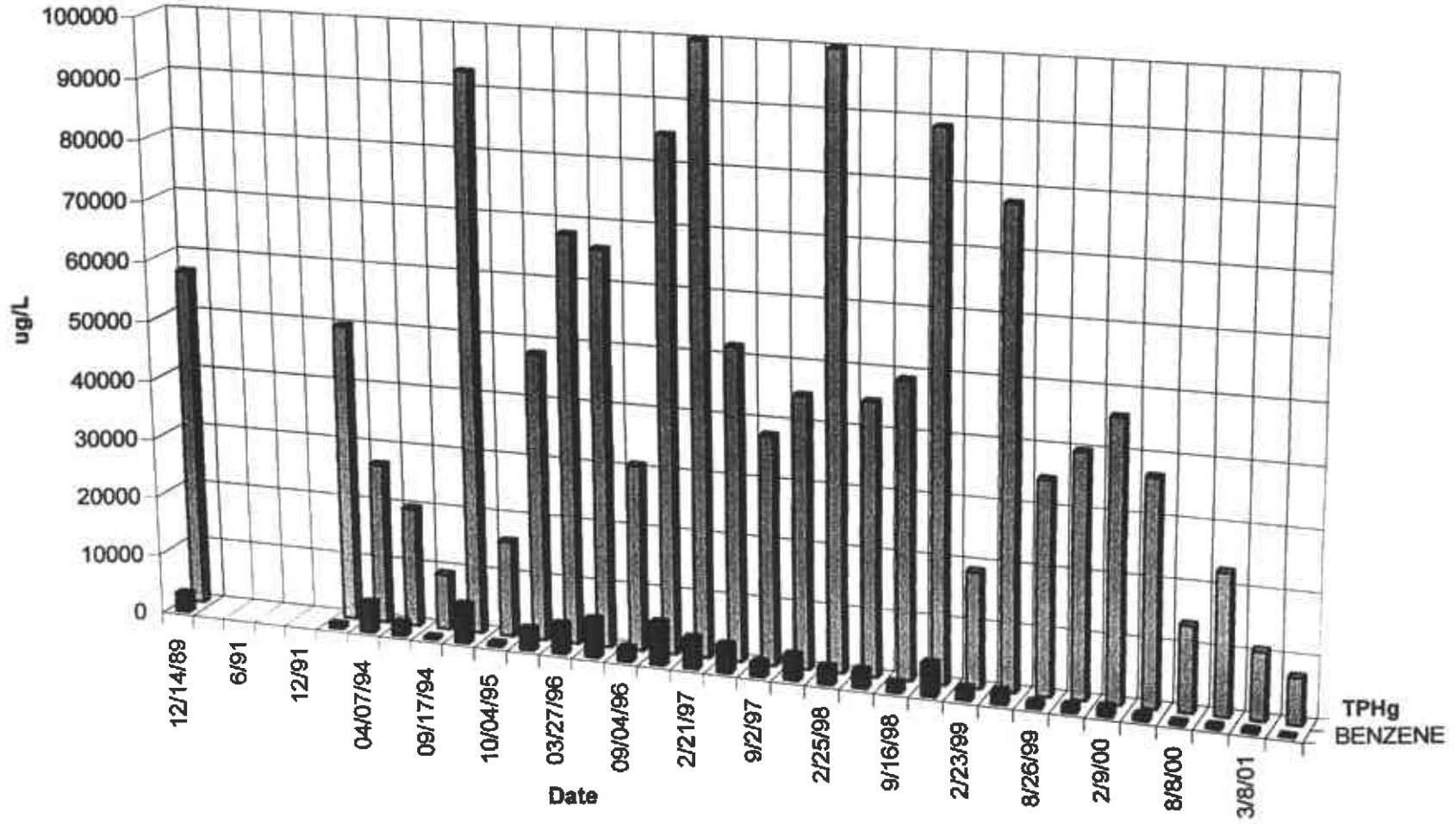
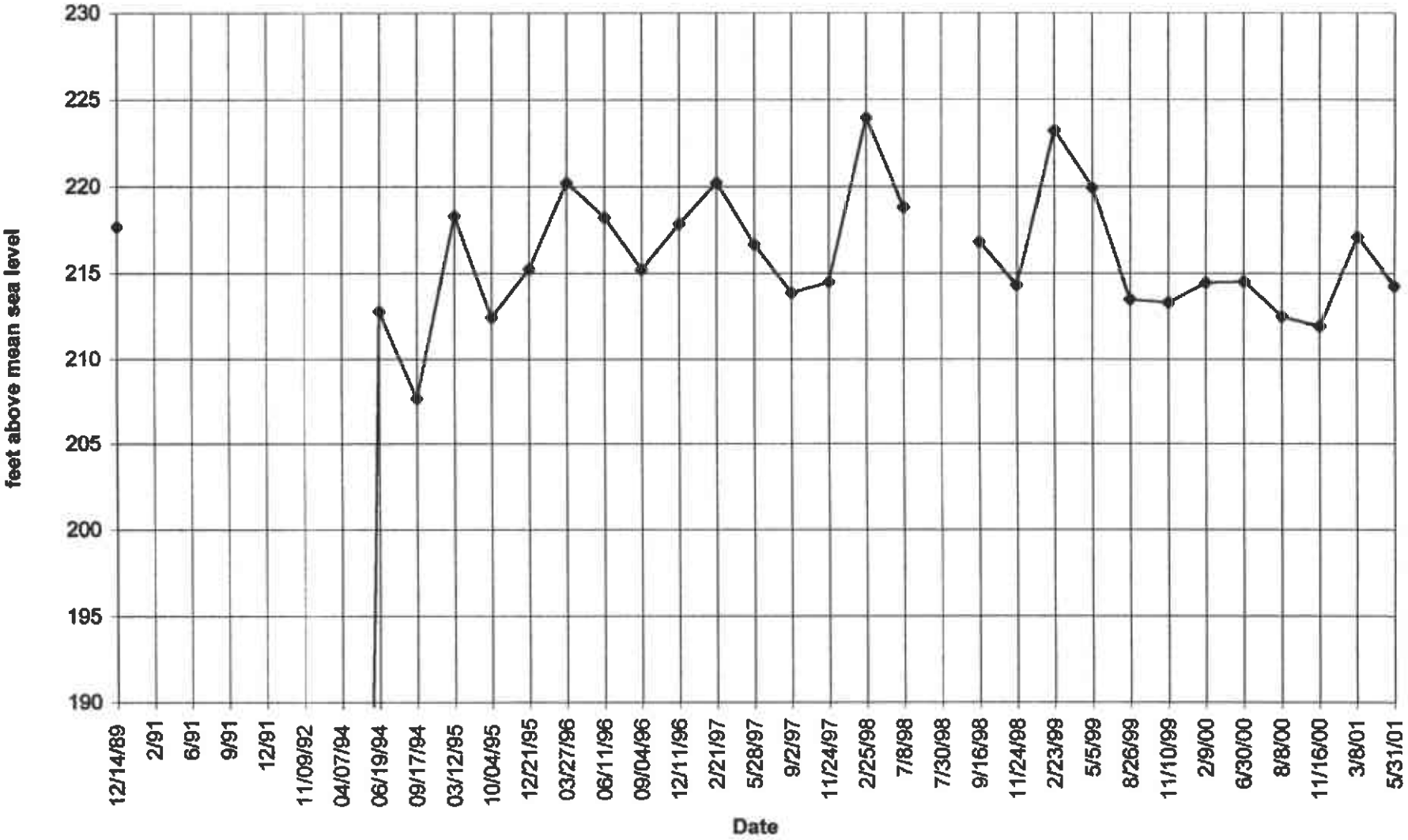

100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
12/14/89
6/91
12/91
04/07/94
09/17/94
10/04/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
9/16/98
2/23/99
8/26/99
2/9/00
8/8/00
3/8/01
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
RS-6	12/14/89	240.23	22.52	217.71		11000	1400	1700	160	860		
RS-6	2/91		FLOATING PRODUCT									
RS-6	6/91					95000	4200	4200	650	3700		
RS-6	9/91		FLOATING PRODUCT									
RS-6	12/91					64000	3700	2300	730	4100		
RS-6	11/09/92	99.27	19.43	79.84		19000	1600	710	500	1600		
RS-6	04/07/94	99.27	14.42	84.85		16000	1200	1300	290	1100		
RS-6	06/19/94	227.22	14.45	212.77		23000	1300	2200	590	2200		
RS-6	09/17/94	227.22	19.52	207.7		24000	630	790	250	1100		
RS-6	03/12/95	227.22	8.90	218.32		3200	450	13	82	230		
RS-6	10/04/95	230.22	17.78	212.44		3700	170	250	38	290		
RS-6	12/21/95	230.22	14.98	215.24		3100	120	30	16	150	58	
RS-6	03/27/96	230.22	10.00	220.22		6900	180	440	79	360	< 300	
RS-6	06/11/96	230.22	12.00	218.22		7400	220	150	30	100	<1000	
RS-6	09/04/96	230.22	15.00	215.22		1400	68	2.6	7.7	9.2	14	
RS-6	12/11/96	230.22	12.36	217.86		1800	39	16	10	18	< 0.5	
RS-6	2/21/97	230.22	10.00	220.22		2100	71	85	25	40	< 0.5	*
RS-6	5/28/97	230.22	13.56	216.66		1700	34	12	11	16	< 0.5	*
RS-6	9/2/97	230.22	16.35	213.87		940	34	71	9	55	< 0.5	*
RS-6	11/24/97	230.22	15.72	214.5		490	9	6	1	7	< 0.5	*
RS-6	2/25/98	230.22	6.26	223.96		1400	22	47	5	52	< 0.5	*
RS-6**	7/8/98	230.22	11.41	218.81		1500	83	9	84	2	<10	*
RS-6	7/30/98	230.22				<50	<0.5	<0.5	<0.5	<1		
RS-6	9/16/98	230.22	13.42	216.8		990	23	<0.5	<0.5	<1	<1	*
RS-6	11/24/98	230.22	15.91	214.31		3400	5.3	<0.5	<0.5	14	<0.5	
RS-6	2/23/99	230.22	7.00	223.22		1000	3.4	3.2	1.6	7.3	<0.5	
RS-6	5/5/99	230.22	10.29	219.93		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 Groundwater Elevation



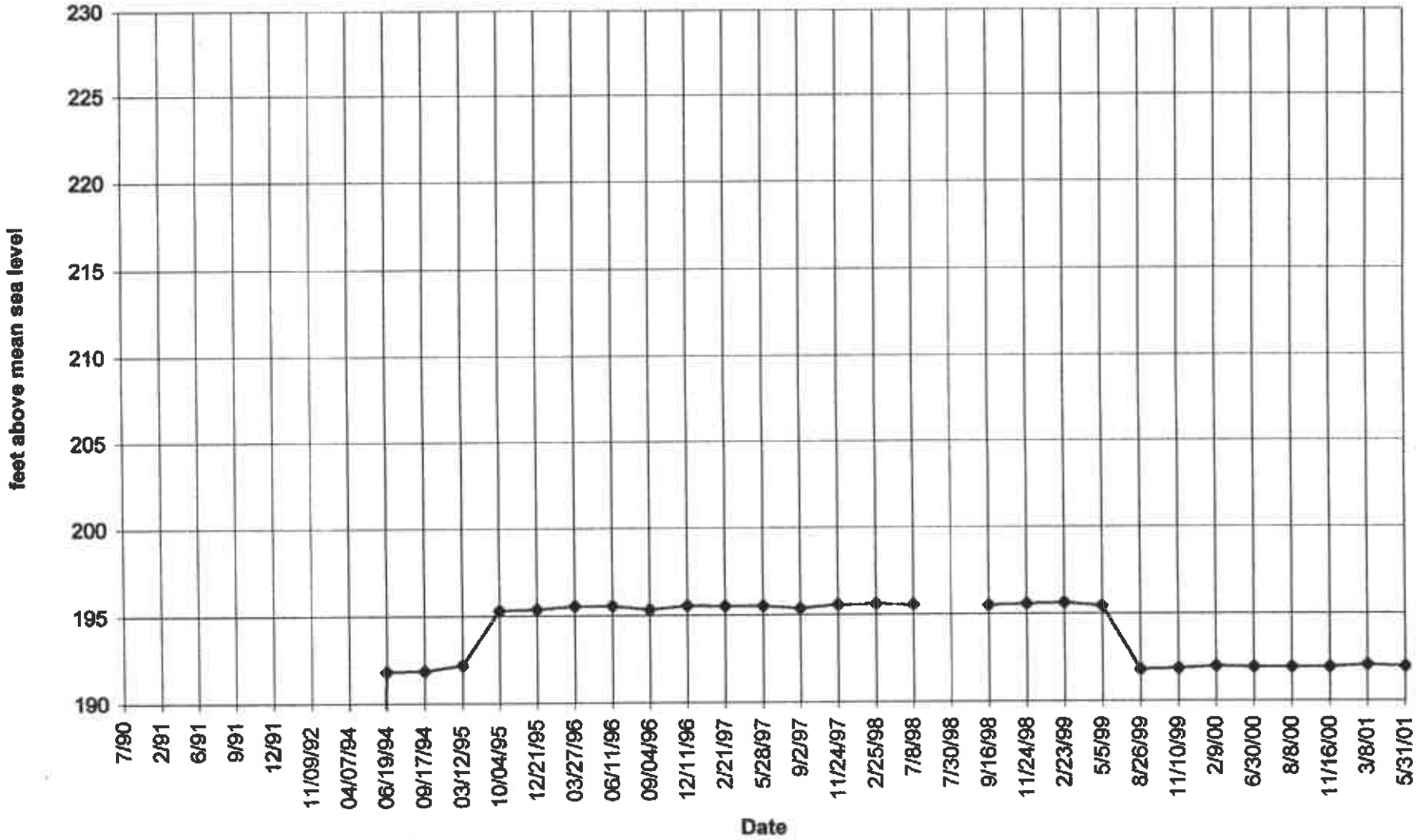
RS-6

100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
12/14/89
6/91
12/91
04/07/94
09/17/94
10/04/95
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
Date
TPHg
BENZENE

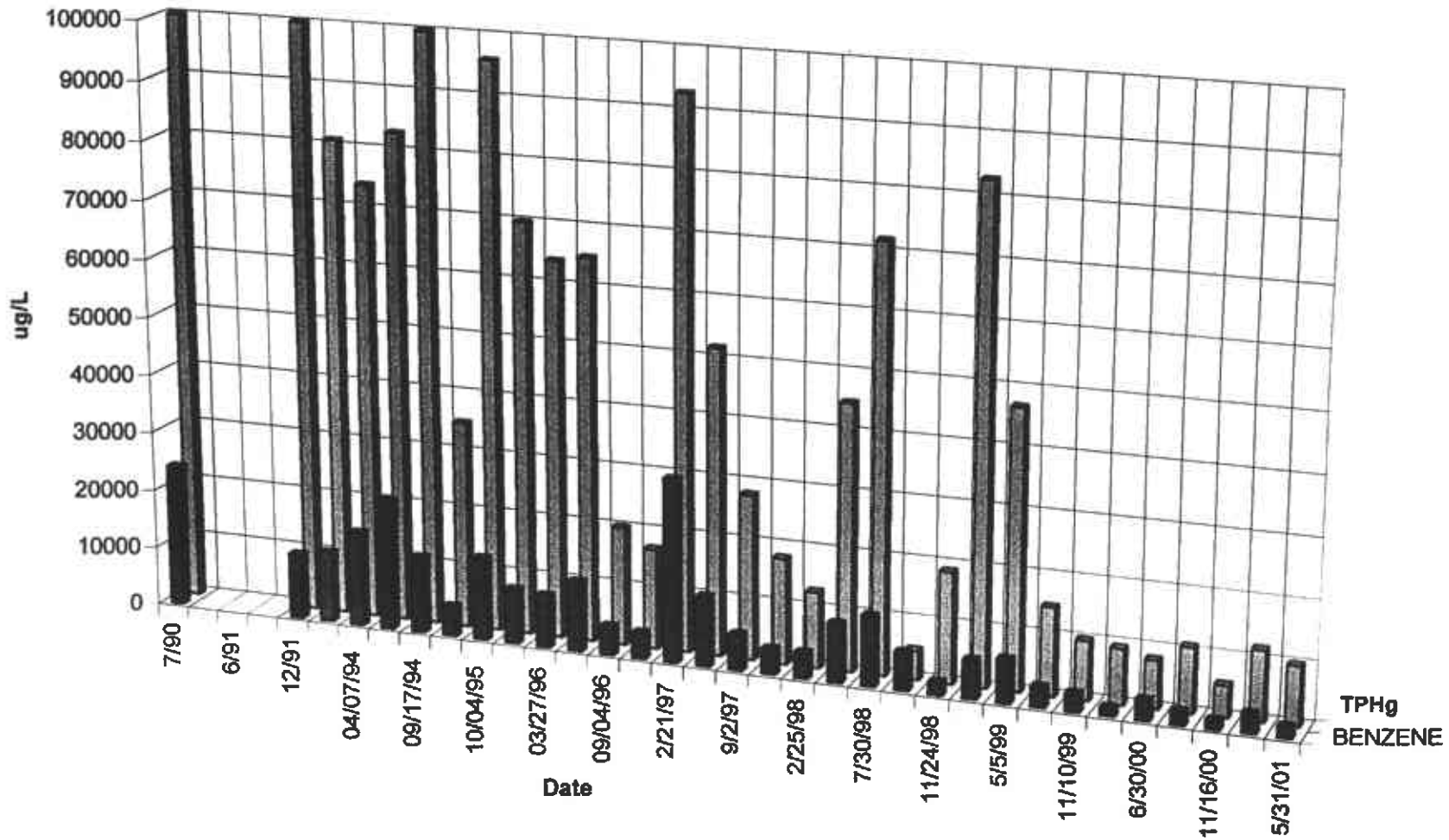
TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
RS-7	7/90					5600000	24000	210000	50000	740000	
RS-7	2/91		FLOATING PRODUCT								
RS-7	6/91		FLOATING PRODUCT								
RS-7	9/91		FLOATING PRODUCT								
RS-7	12/91					270000	11000	22000	2000	13000	
RS-7	11/09/92	67.88	4.62	63.26		81000	12000	16000	1900	13000	
RS-7	04/07/94	67.88	4.03	63.85		74000	16000	16000	1400	8500	
RS-7	06/19/94	195.92	4.07	191.85		83000	22000	19000	1500	9500	
RS-7	09/17/94	195.92	4.05	191.87		270000	13000	15000	2100	1100	
RS-7	03/12/95	195.92	3.72	192.2		35000	5100	560	6300	3600	
RS-7	10/04/95	199.35	4.03	195.32		96000	14000	14000	1300	7000	
RS-7	12/21/95	199.35	3.95	195.4		70000	9300	12000	860	5600	210
RS-7	03/27/96	199.35	3.80	195.55		64000	8900	14000	1100	8300	< 3000
RS-7	06/11/96	199.35	3.79	195.56		65000	12000	17000	1600	9700	<5000
RS-7	09/04/96	199.35	3.99	195.36		20000	4900	2100	670	4400	100
RS-7	12/11/96	199.35	3.78	195.57		17000	4400	7500	570	4600	180
RS-7	2/21/97	199.35	3.82	195.53		93000	31000	47000	3800	23000	<0.5 *
RS-7	5/28/97	199.35	3.82	195.53		52000	12000	8200	2000	11000	<0.5 *
RS-7	9/2/97	199.35	3.96	195.39		28000	6100	2800	950	3800	<50
RS-7	11/24/97	199.35	3.76	195.59		18000	4300	5900	600	2900	<0.5 *
RS-7	2/25/98	199.35	3.70	195.65		13000	4300	7100	1100	5800	<0.5 *
RS-7**	7/8/98	199.35	3.76	195.59		45000	10000	3400	2000	8000	<10 *
RS-7	7/30/98	199.35				72000	12000	2100	2000	9100	
RS-7	9/16/98	199.35	3.83	195.52		5000	6500	160	<2.5	500	<5 *
RS-7	11/24/98	199.35	3.77	195.58		19000	2100	1100	500	2100	<0.5
RS-7	2/23/99	199.35	3.70	195.65		83000	6500	9900	1200	7000	<10
RS-7	5/5/99	199.35	3.88	195.47		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 Groundwater Elevation



RS-7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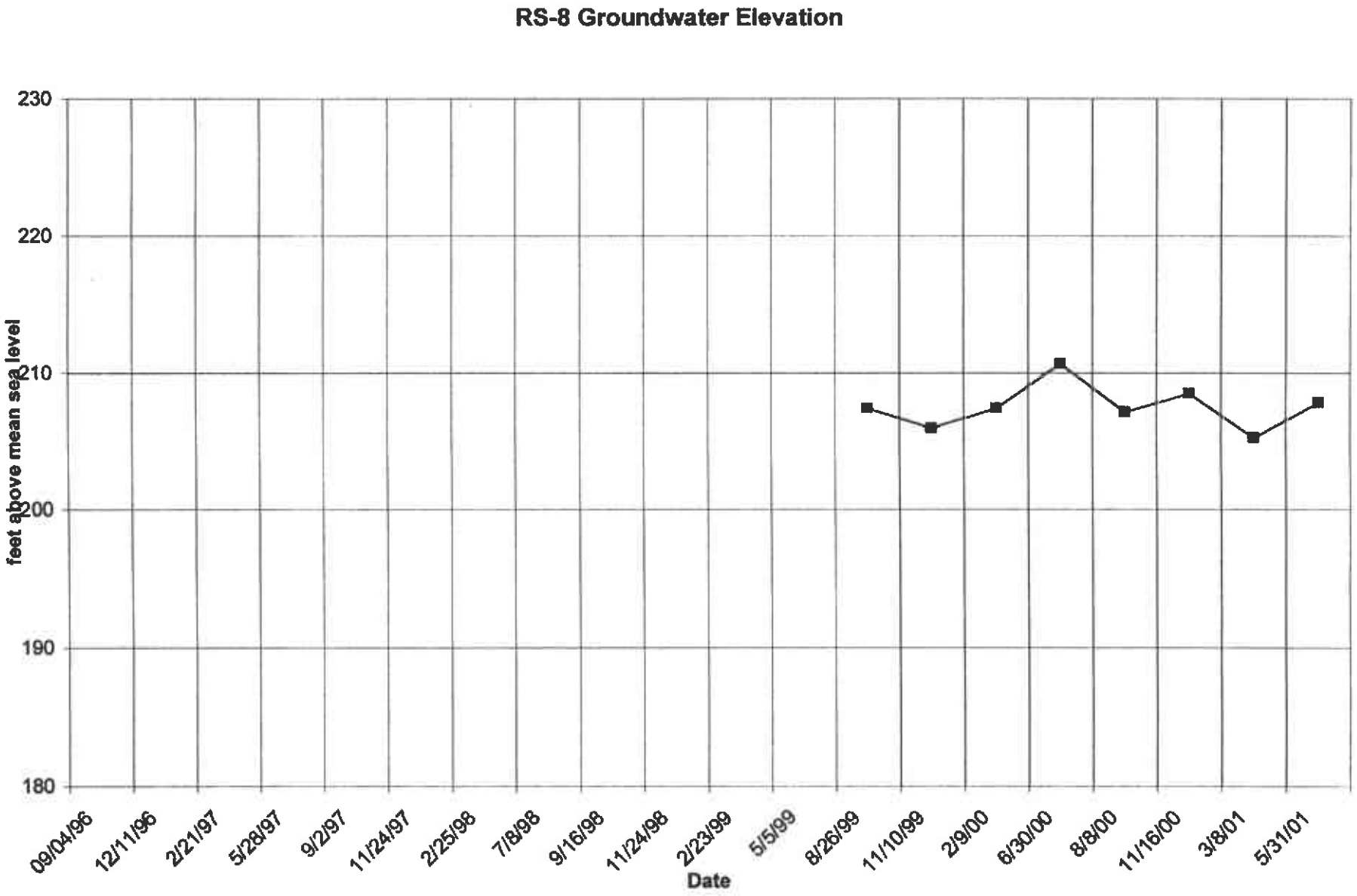
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
7/90
6/91
12/91
04/07/94
09/17/94
10/04/95
03/27/96
09/04/96
2/21/97
9/2/97
2/25/98
7/30/98
11/24/98
5/5/99
11/10/99
6/30/00
11/16/00
5/31/01
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
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 Groundwater Elevation
230
220
210
200
190
180
feet above mean sea level
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
Date

RS-8

160000
150000
140000
130000
120000
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
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
Date
TPHg
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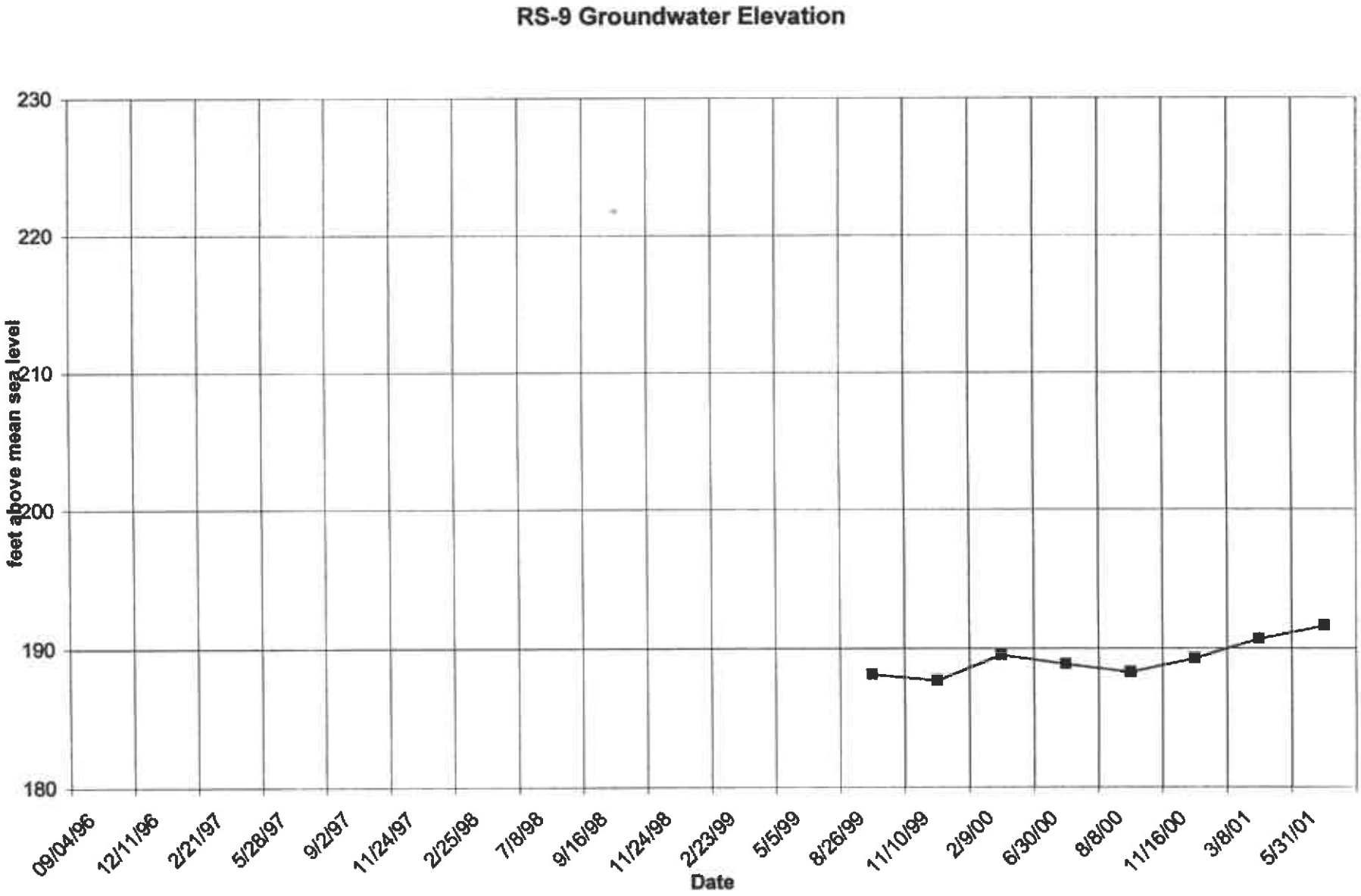
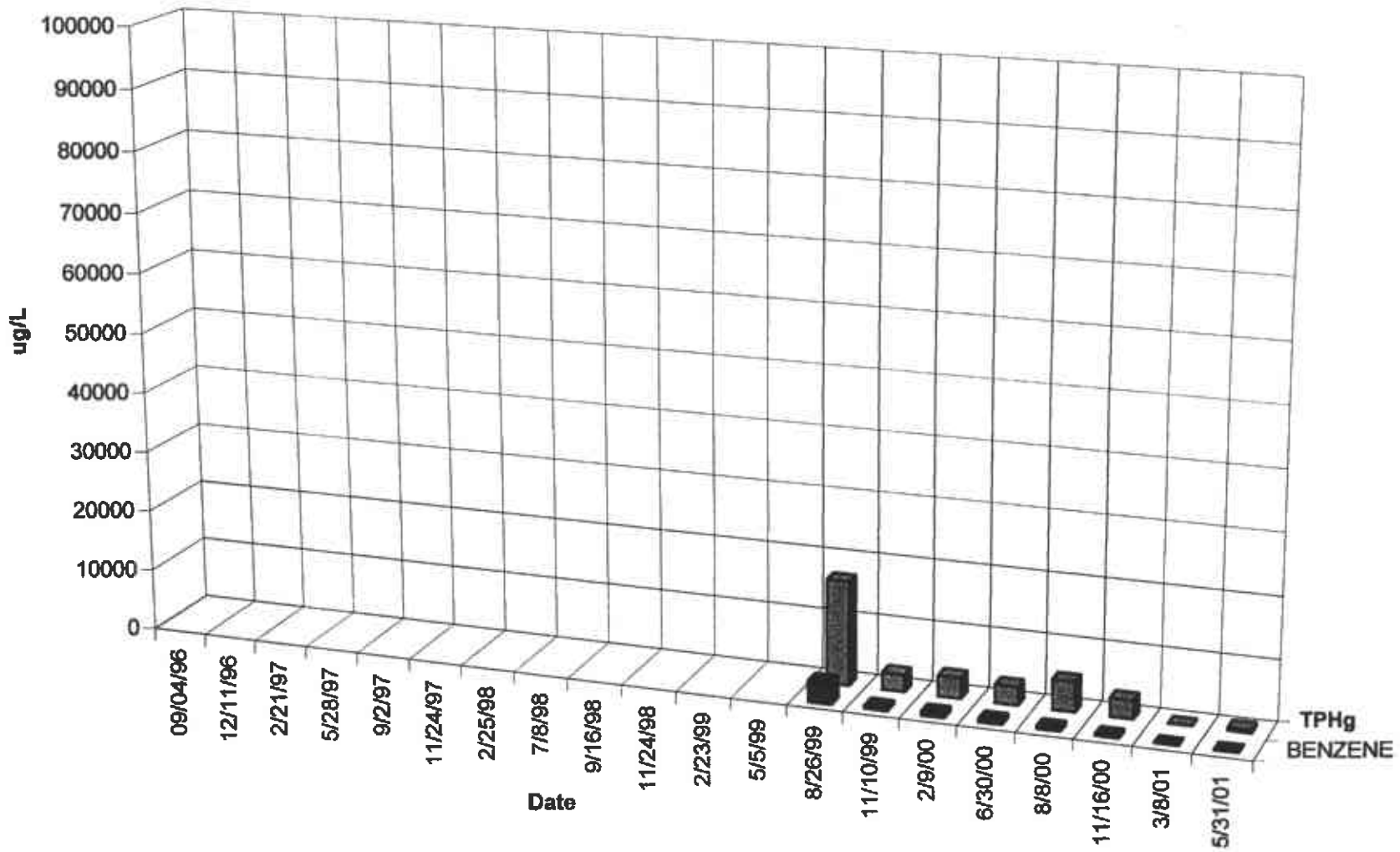
TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
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 Groundwater Elevation
feet above mean sea level
230
220
210
200
190
180
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
Date

RS-9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ug/L
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12/11/96
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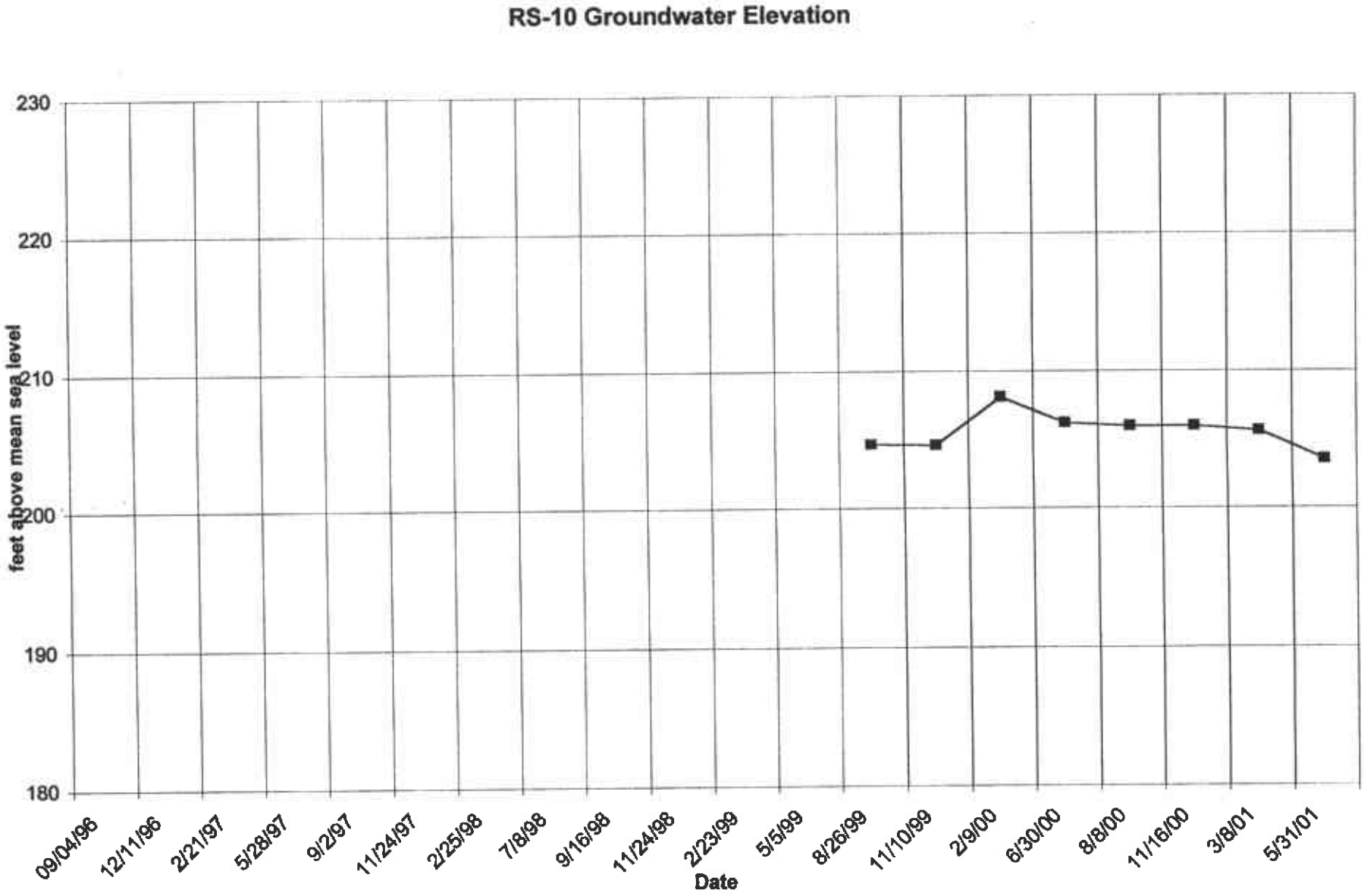
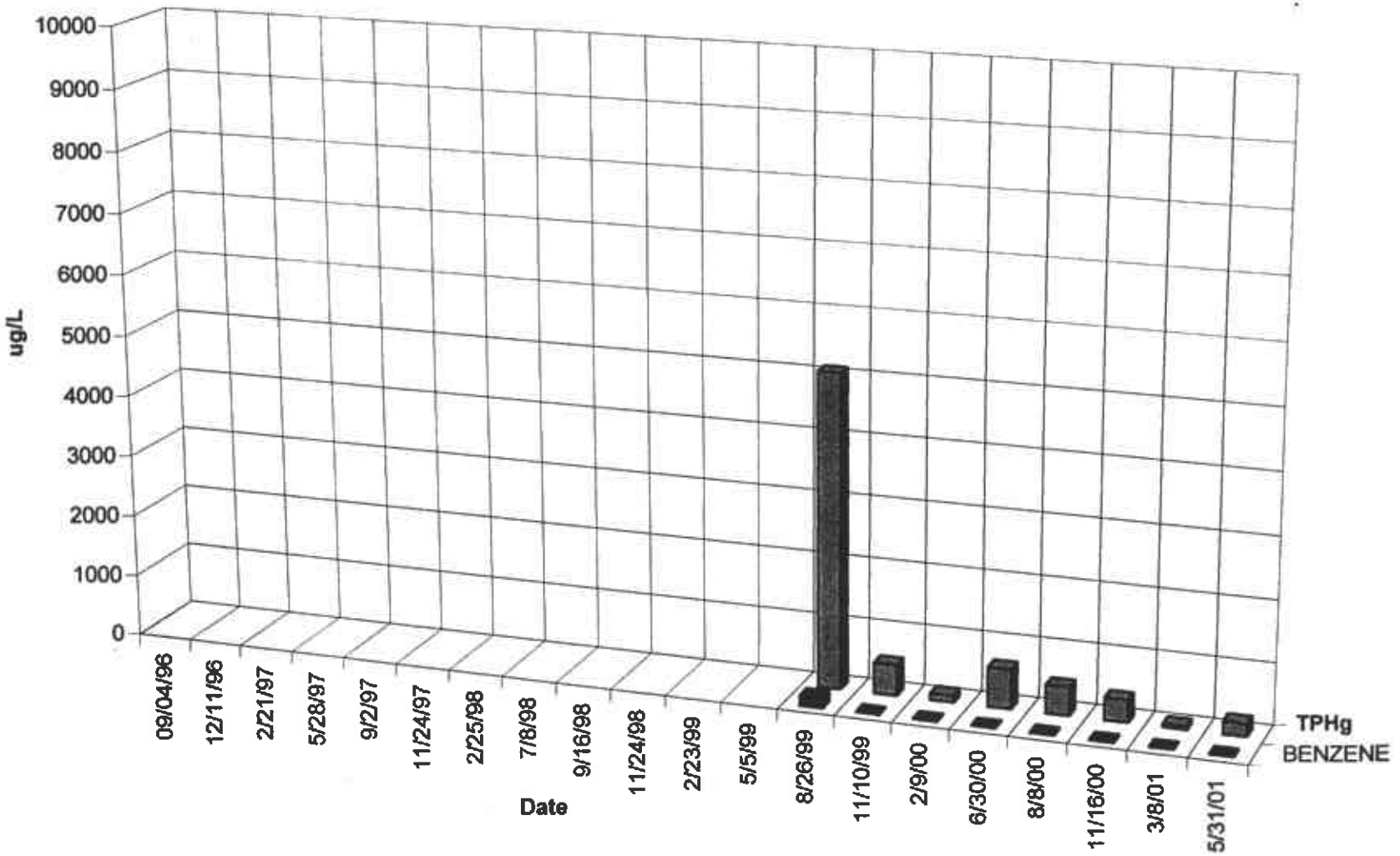
5/28/97
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
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 Groundwater Elevation
230
220
210
200
190
180
feet above mean sea level
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
Date

RS-10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8000
7000
6000
5000
4000
3000
2000
1000
0
ug/L
09/04/96
12/11/96
2/21/97
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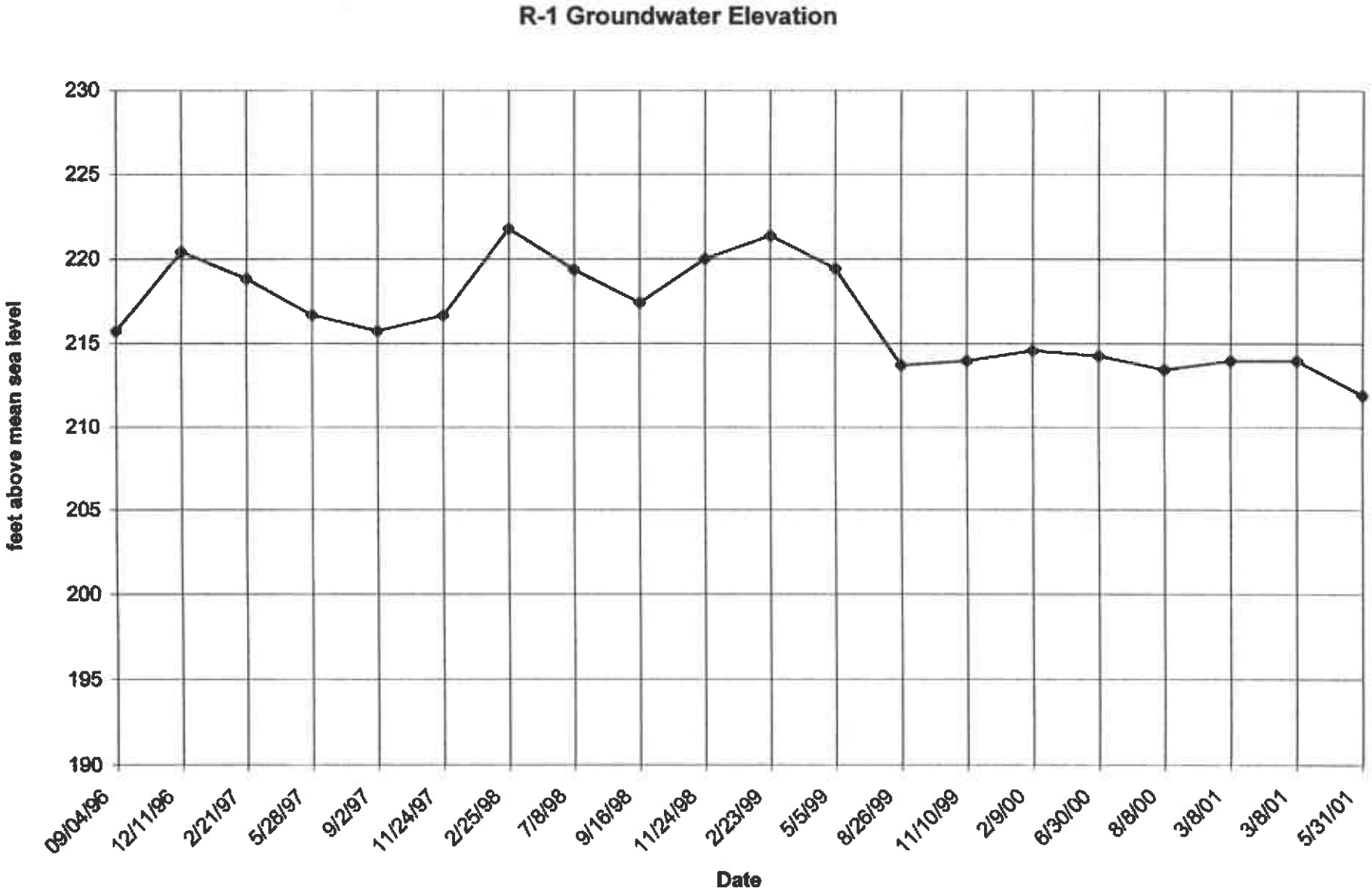
9/2/97
11/24/97
2/25/98
7/8/98
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
Date
TPHg
BENZENE

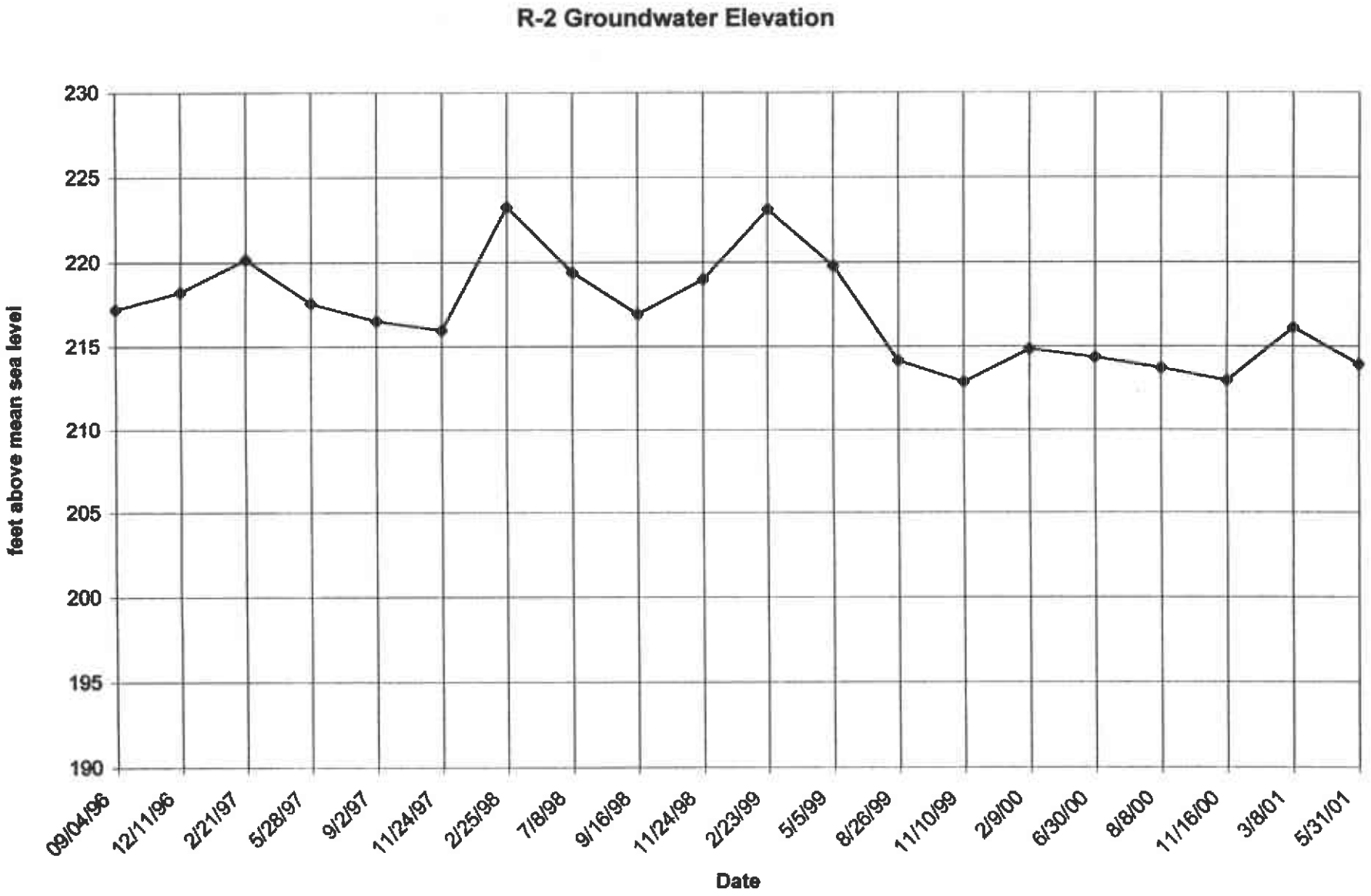
TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARK BOULEVARD, OAKLAND, CALIFORNIA

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)	TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
RECOVERY 1	09/04/96	230.73	15.00	215.73	1800	1100	3	29	< 10	< 30	
RECOVERY 1	12/11/96	230.73	10.30	220.43	<50	<0.5	< 0.5	< 0.5	< 1	4	
RECOVERY 1	2/21/97	230.73	11.88	218.85	2500	670	9	3	13	<0.5	*
RECOVERY 1	5/28/97	230.73	14.03	216.7	24000	4300	36	2000	370	<0.5	*
RECOVERY 1	9/2/97	230.73	14.98	215.75	4400	320	6	340	72	20	
RECOVERY 1	11/24/97	230.73	14.06	216.67	100	39	1	18	10	<0.5	
RECOVERY 1	2/25/98	230.73	8.93	221.8	1200	400	8	13	150	<0.5	
RECOVERY 1	7/8/98	230.73	11.36	219.37	68	14	< 0.5	< 0.5	< 1	<1	*
RECOVERY 1	9/16/98	230.73	13.30	217.43	16000	3400	92	< 0.5	410	<1	*
RECOVERY 1	11/24/98	230.73	10.72	220.01	340	19	1.6	35	9.7	<0.5	
RECOVERY 1	2/23/99	230.73	9.34	221.39	60	16	0.6	5.6	1.2	<0.5	
RECOVERY 1	5/5/99	230.73	11.30	219.43	1300	290	3	150	1	15	
RECOVERY 1***	8/26/99	227.69	13.97	213.72	6500	630	<0.5	1300	<1	<1	
RECOVERY 1	11/10/99	227.69	13.73	213.96	480	12	4	22	9	<0.5	
RECOVERY 1	2/9/00	227.69	13.10	214.59	<50	8	<0.5	1	<1	<0.5	
RECOVERY 1	6/30/00	227.69	13.42	214.27	2600	350	35	1900	220	<0.5	
RECOVERY 1	8/8/00	227.69	14.25	213.44	10000	910	76	2100	390	<0.5	
RECOVERY 1	3/8/01	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**
RECOVERY 1	3/8/01	227.69	13.72	213.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	****
RECOVERY 1	5/31/01	227.69	15.77	211.92	3800	400	16	470	67	<5	****
RECOVERY 2	09/04/96	230.68	13.44	217.24	14000	7600	<10	170	190	<100	
RECOVERY 2	12/11/96	230.68	12.42	218.26	488	300	1	< 0.5	30	16	
RECOVERY 2	2/21/97	230.68	10.50	220.18	5700	2100	5	2	10	3	*
RECOVERY 2	5/28/97	230.68	13.10	217.58	36000	14000	63	260	220	<0.5	*
RECOVERY 2	9/2/97	230.68	14.16	216.52	30000	12000	330	1000	790	47	
RECOVERY 2	11/24/97	230.68	14.71	215.97	41000	15000	830	1500	4200	<0.5	*
RECOVERY 2	2/25/98	230.68	7.39	223.29	800	400	<0.5	<0.5	15	<0.5	*
RECOVERY 2	7/8/98	230.68	11.27	219.41	290	31	< 0.5	1	< 1	2	*
RECOVERY 2	9/16/98	230.68	13.73	216.95	6600	11000	24	<0.5	35	<1	*
RECOVERY 2	11/24/98	230.68	11.67	219.01	6100	<0.5	36	<0.5	21	<0.5	
RECOVERY 2	2/23/99	230.68	7.55	223.13	1100	310	3	2	26	<0.5	
RECOVERY 2	5/5/99	230.68	10.89	219.79	11000	5300	7	36	7	8	
RECOVERY 2***	8/26/99	227.28	13.14	214.14	6700	940	33	190	240	<1	*
RECOVERY 2	11/10/99	227.28	14.42	212.86	5100	2600	160	1800	8100	<0.5	*
RECOVERY 2	2/9/00	227.28	12.45	214.83	4700	1400	110	130	340	<0.5	
RECOVERY 2	6/30/00	227.28	12.94	214.34	7100	3200	110	300	480	<0.5	
RECOVERY 2	8/8/00	227.28	13.58	213.7	30000	13000	250	1000	2700	<0.5	
RECOVERY 2	11/16/00	227.28	14.33	212.95	44000	17000	230	790	3600	<0.5	
RECOVERY 2	3/8/01	227.28	11.15	216.13	2300	640	8.6	61	170	<2	****
RECOVERY 2	5/31/01	227.28	13.38	213.9	2200	580	12	72	100	<25	****


R-1 Groundwater Elevation
feet above mean sea level
230
225
220
215
210
205
200
195
190
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
Date

R-1

100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
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
Date
TPHg
BENZENE


R-2 Groundwater Elevation
feet above mean sea level
230
225
220
215
210
205
200
195
190
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
Date

R-2

100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
ug/L
09/04/96
12/11/96
2/21/97
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7/8/98
9/16/98
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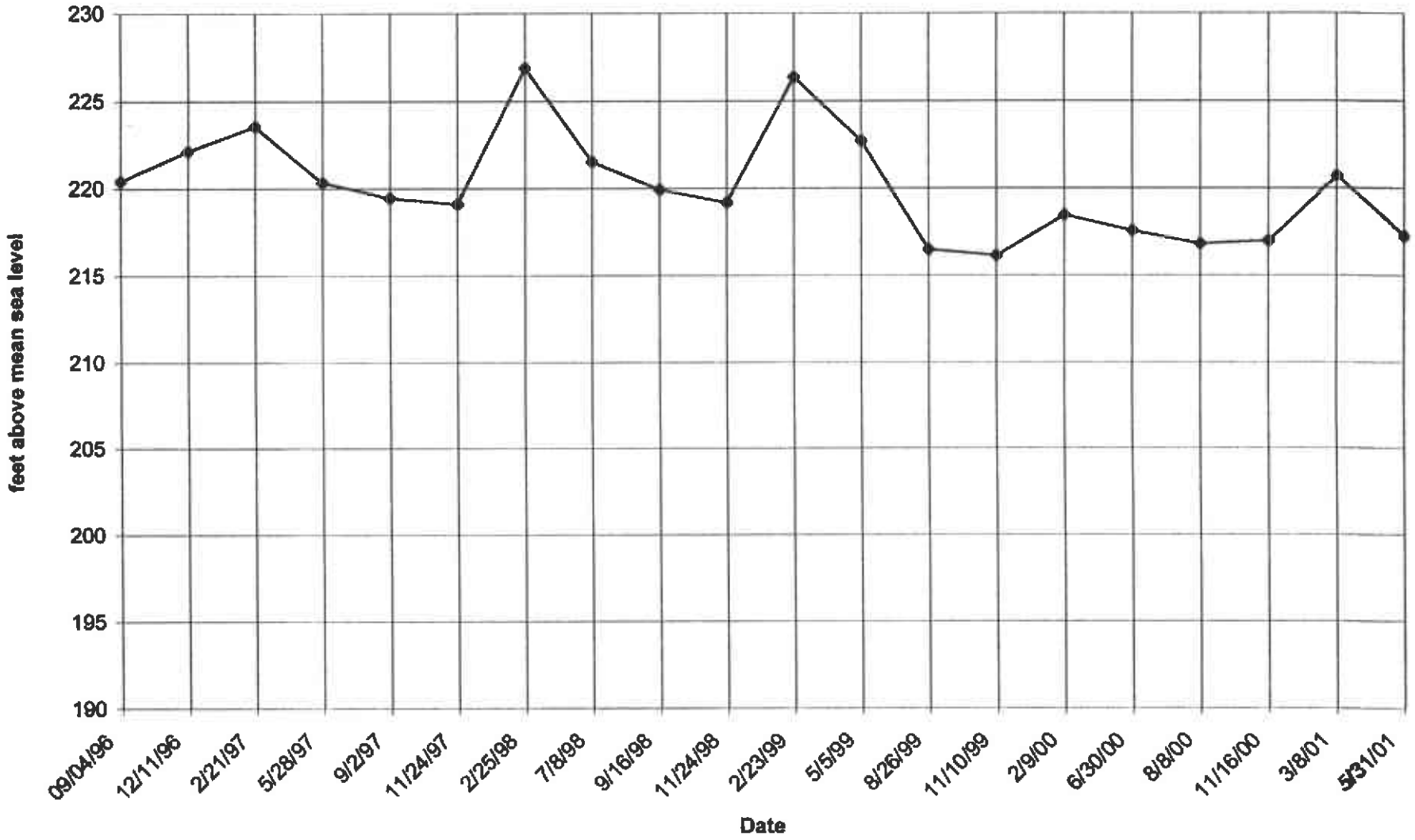
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
Date
TPHg
BENZENE

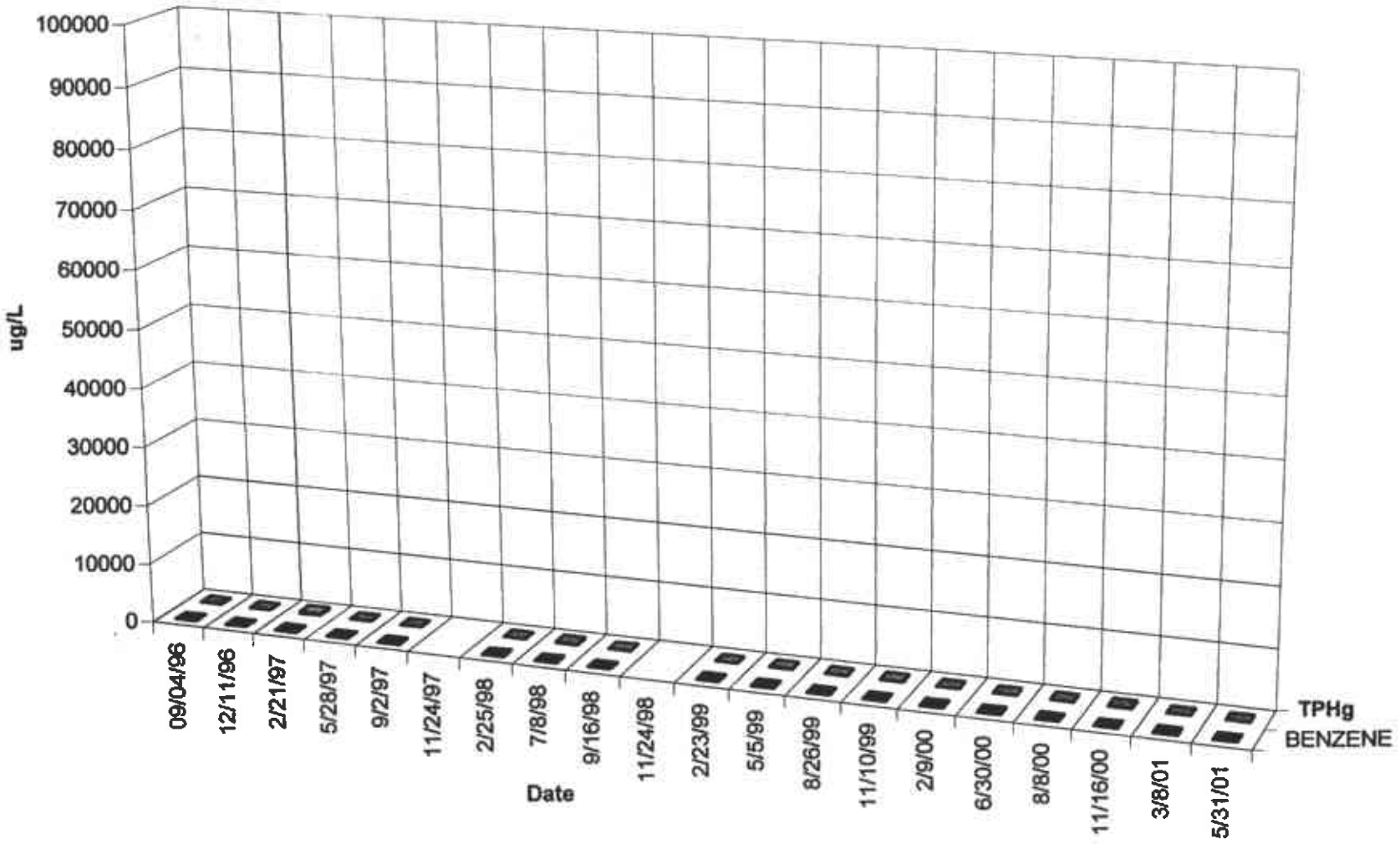
TABLE 1
GROUNDWATER ELEVATIONS AND CERTIFIED ANALYTICAL LABAORATAORY RESULTS FROM WATER SAMPLES
DESERT PETROLEUM, INC. SITE #793
4035 PARR BOULEVARD, OAKLAND, CALIFORNIA

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level)										
	DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
RECOVERY 3	09/04/96	230.32	9.90	220.42		<50	<0.5	<0.5	<0.5	<2	<5
RECOVERY 3	12/11/96	230.32	8.18	222.14		<50	<0.5	<0.5	<0.5	<1	5
RECOVERY 3	2/21/97	230.32	6.76	223.56		340	35	59	8	54	<0.5 *
RECOVERY 3	5/28/97	230.32	9.98	220.34		<50	<0.5	<0.5	<0.5	<1	<0.5 *
RECOVERY 3	9/2/97	230.32	10.86	219.46		<50	4	<0.5	<0.5	<1	<0.5 *
RECOVERY 3	11/24/97	230.32	11.20	219.12	not enough water to sample. No sample						
RECOVERY 3	2/25/98	230.32	3.42	226.9		<50	<0.5	<0.5	<0.5	<1	<0.5 *
RECOVERY 3	7/8/98	230.32	8.78	221.54		140	<0.5	<0.5	4	24	<1 *
RECOVERY 3	9/16/98	230.32	10.38	219.94		<50	<0.5	<0.5	<0.5	<1	<1 *
RECOVERY 3	11/24/98	230.32	11.12	219.2	not enough water to sample. No sample						
RECOVERY 3	2/23/99	230.32	3.95	226.37		<50	<0.5	<0.5	<0.5	<1	<0.5 *
RECOVERY 3	5/5/99	230.32	7.58	222.74		80	9	<0.5	<0.5	<1	6
RECOVERY 3***	8/26/99	227.25	10.76	216.49		<50	2	<0.5	<0.5	<1	1 *
RECOVERY 3	11/10/99	227.25	11.09	216.16		140	3	4	1	11	<0.5
RECOVERY 3	2/9/00	227.25	8.76	218.49		<50	2	<0.5	<0.5	<1	<0.5
RECOVERY 3	6/30/00	227.25	9.67	217.58		<50	0.7	<0.5	1	1	<0.5
RECOVERY 3	8/8/00	227.25	10.44	216.81		72	<0.5	<0.5	<0.5	<1	<0.5
RECOVERY 3	11/16/00	227.25	10.26	216.99		110	4	1	<0.5	3	<0.5
RECOVERY 3	3/8/01	227.25	6.54	220.71		<50	<0.5	<0.5	<0.5	<0.5	<0.5 ****
RECOVERY 3	5/31/01	227.25	10.01	217.24		<50	<0.5	<0.5	<0.5	<0.5	<0.5 ****

R-3 Groundwater Elevation



R-3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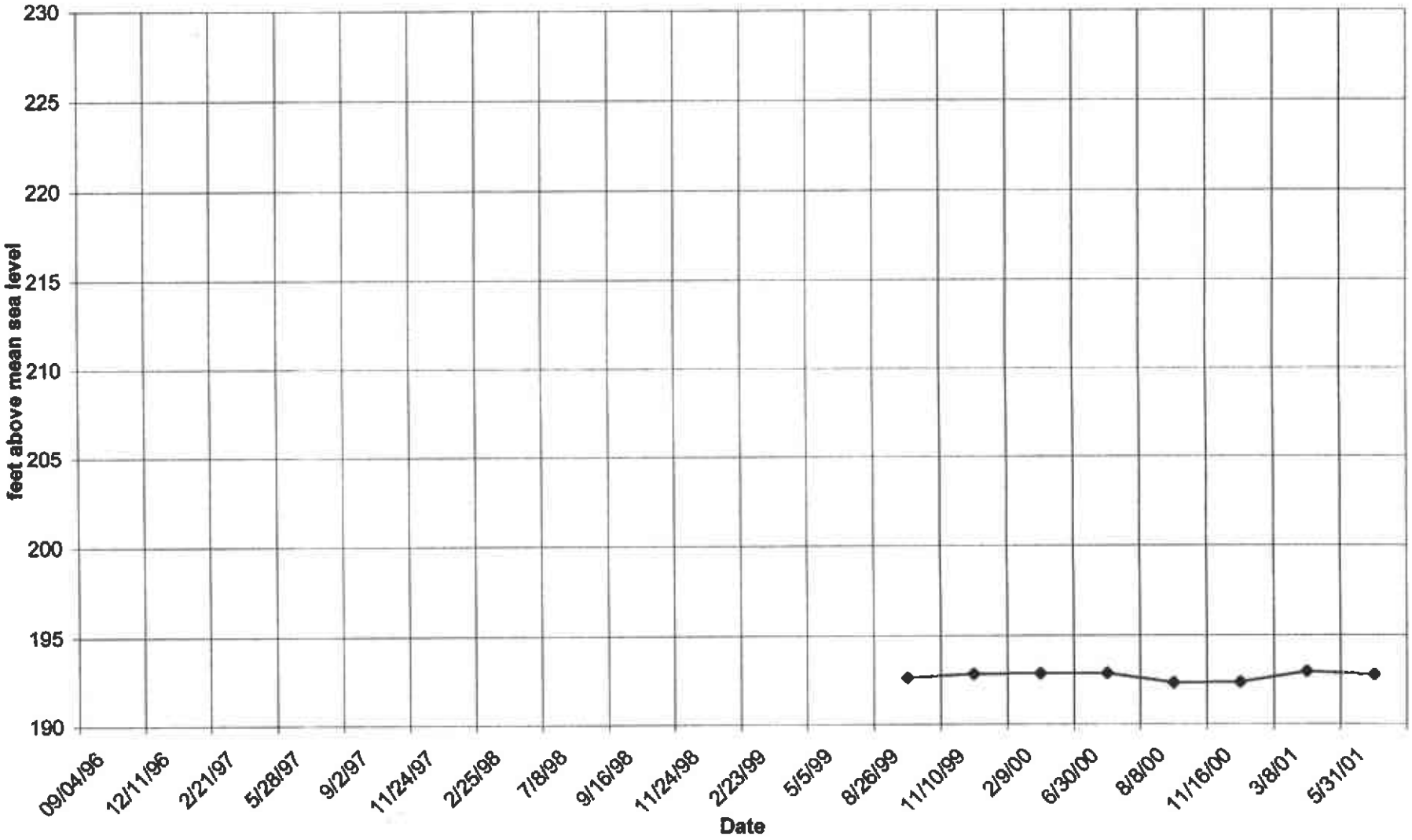
9/16/98
11/24/98
2/23/99
5/5/99
8/26/99
11/10/99
2/9/00
6/30/00
8/8/00
11/16/00
3/8/01
5/31/01
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)	
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 Groundwater Elevation



T-1

100000
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80000
70000
60000
50000
40000
30000
20000
10000
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
Date
TPHg
BENZENE

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

ID#	(All concentrations in parts per billion [ug/L, ppb]) (AMSL = Above mean sea level) DATE SAMPLED	WELL CASING ELEVATION (FEET AMSL)	DEPTH TO GROUND WATER (FEET)	GROUND WATER ELEVATION (FEET AMSL)		TPH-G (UG/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL-BENZENE (UG/L)	XYLENES (UG/L)	MTBE (UG/L)
T 2***	8/26/99	195.3	CAR								
T 2	11/10/99	195.3	CAR								
T 2	2/9/00	195.3	CAR								
T 2	6/30/00	195.3	CAR								
T 2	8/8/00	195.3	CAR								
T 2	11/16/00	195.3	CAR								
T 2	3/8/01	195.3	CAR								
T 2	5/31/01	195.3	CAR								
T 3***	8/26/99	202.38	CAR								
T 3	11/10/99	202.38	CAR								
T 3	2/9/00	202.38	CAR								
T 3	6/30/00	202.38	CAR								
T 3	8/8/00	202.38	9.80	192.58							
T 3	11/16/00	202.38	10.63	191.75							
T 3	3/8/01	202.38	CAR								
T 3	5/31/01	202.38	CAR								
T 4***	8/26/99	197.48	CAR								
T 4	11/10/99	197.48	CAR								
T 4	2/9/00	197.48	CAR								
T 4	6/30/00	197.48	CAR								
T 4	8/8/00	197.48	4.77	192.71							
T 4	11/16/00	197.48	CAR								
T 4	3/8/01	197.48	CAR								
T 4	5/31/01	197.48	CAR								
LF-1***	8/26/99	226.59	CAR								
LF-1	11/10/99	226.59	CAR								
LF-1	2/9/00	226.59	CAR								
LF-1	6/30/00	226.59	CAR								
LF-1	8/8/00	226.59	CAR								
LF-1	11/16/00	226.59	CAR								
LF-1	3/8/01	226.59	CAR								
LF-1	3/8/01	226.59	CAR								

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

TABLE 2
WASTEWATER DISHCARGE 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
BAKER TANK	1/25/00	314110		0	0	0.00					
BAKER TANK	1/26/00	315050		940	940	0.65	<1	<1	<1	<1	<50
BAKER TANK	1/28/00	321120	1098330	6070	7010	2.11					
BAKER TANK	2/2/00		1102560	4230	11240	0.59					
BAKER TANK	2/3/00		1107482.2	4922	16162	3.42	<1	<1	<1	<1	<50
BAKER TANK	2/7/00		1107482.2	0	16162	0.00					
BAKER TANK AND 1/4LY SAMPLES	2/9/00		1109680	2198	18360	0.76	EPA METHOD 624				239.2
F1 (PSP No. 1)	3/23/00		1109720	40	18400	0.00	<1	<1	<1	<2	<5
F1 (PSP No. 1)	5/4/00		1110780	1060	19460	0.02					
F1 (PSP No. 1)	5/12/00		1111700	920	20380	0.08					
F1 (PSP No. 1)	5/18/00		1113359	1659	22039	0.19					
F1 (PSP No. 1)	5/25/00		1113840	481	22520	0.05					
F1 (PSP No. 1)	5/31/00		1115111	1271	23791	0.15					
F1 (PSP No. 1)	6/16/00		1115823	712	24503	0.03					
F1 (PSP No. 1)	6/28/00		1116293	470	24973	0.03					
F1 (PSP No. 1)	6/30/00		1116303	10	24983	0.00	EPA METHOD 624				200.7
F1 (PSP No. 1)	7/5/00		1116313	10	24993	0.00	<1	<1	<1	<2	<2
F1 (PSP No. 1)	7/13/00		1117816	1503	26496	0.13					
F1 (PSP No. 1)	7/20/00		1118892	1076	27572	0.11					
F1 (PSP No. 1)	7/27/00		1118892	0	27572	0.00					
F1 (PSP No. 1)	8/3/00		1120336	1444	29016	0.14					
F1 (PSP No. 1)	8/10/00		1121041	705	29721	0.07					
F1 (PSP No. 1)	8/17/00		1121041	0	29721	0.00					
F1 (PSP No. 1)	8/24/00		1121860	819	30540	0.08	EPA METHOD 624				200.7
F1 (PSP No. 1)	8/30/00		1122720	860	31400	0.10	<1	<2	<1	<2	<2
F1 (PSP No. 1)	9/7/00		1123270	550	31950	0.05					
F1 (PSP No. 1)	9/14/00		1123819	549	32499	0.05					
F1 (PSP No. 1)	9/21/00		1123819	0	32499	0.00					
F1 (PSP No. 1)	10/5/00		1124153	334	32833	0.02					
F1 (PSP No. 1)	10/12/00		1124860	507	33340	0.05					
F1 (PSP No. 1)	10/19/00		1125904.3	1244	34584	0.12					
F1 (PSP No. 1)	10/26/00		1127167	1263	35847	0.13					
F1 (PSP No. 1)	11/9/00		1128367.2	1200	37047	0.06					
F1 (PSP No. 1)	11/16/00		1129779.5	1412	38460	0.14					
F1 (PSP No. 1)	11/22/00		1130940.5	1161	39621	0.13					
F1 (PSP No. 1)	12/1/00		1134147	3207	42827	0.25					

TABLE 2
WASTEWATER DISHCARGE 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
F1 (PSP No. 1)	12/7/00		1134289	142	42969	0.02	<1	<1	<1	<2	<2
F1 (PSP No. 1)	12/14/00		1134431	142	43111	0.01					
F1 (PSP No. 1)	12/21/00		1134573	142	43253	0.01					
F1 (PSP No. 1)	12/28/00		1134714.8	142	43395	0.01					
F1 (PSP No. 1)	1/11/01		1134714.8	0	43395	0.00					
F1 (PSP No. 1)	1/18/01		1135243.8	529	43924	0.05					
F1 (PSP No. 1)	1/25/01		1136144	900	44824	0.09					
F1 (PSP No. 1)	2/8/01		1136659	515	45339	0.03					<2
F1 (PSP No. 1)	2/15/01		1137441.4	782	46121	0.08					
F1 (PSP No. 1)	2/22/01		1141123.6	3682	49804	0.37					
F1 (PSP No. 1)	3/1/01		1150736.5	9613	59417	0.95					
F1 (PSP No. 1)	3/8/01		1158901.1	8165	67581	0.81	<1	<1	<1	<2	
F1 (PSP No. 1)	3/14/01		1162321.2	3420	71001	0.40					
F1 (PSP No. 1)	3/21/01		1162321.4	0	71001	0.00					
F1 (PSP No. 1)	4/4/01		1163471.7	1150	72152	0.06					
F1 (PSP No. 1)	4/12/01		1164723.5	1252	73404	0.11					
F1 (PSP No. 1)	4/19/01		1173267	8544	81947	0.85	<0.5	<0.5	<0.5	<0.5	
F1 (PSP No. 1)	5/3/01		1181423.5	8157	90104	0.40					
F1 (PSP No. 1)	5/10/01		1188209.3	6786	96889	0.67					
F1 (PSP No. 1)	5/16/01		1189899.1	1690	98579	0.20					
F1 (PSP No. 1)	5/24/01		1198018.4	8119	106698	0.70					
F1 (PSP No. 1)	5/31/01		1199647.8	1629	108328	0.16					
F1 (PSP No. 1)	6/6/01		1204217.2	4569	112897	0.53					
F1 (PSP No. 1)	6/14/01		1210661.4	6444	119341	0.56					

< 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.
WATER DISCHARGED TO SEWER IS FROM WEEKLY PURGEING OF T1 AND PURGED WATER FROM 1/4LY SAMPLING.

TABLE 3
RECEPTOR TRENCH GROUNDWATER REMOVAL
FORMER DP #793
4035 PARK BLVD., OAKLAND, CALIFORNIA

WELL ID	PURGING BY	DATE PURGED	METER READING IN GALLONS RS5	METER READING IN GALLONS TRENCH	DEPTH TO TOP OF WATER IN FEET	GALLONS PURGED T1	ACCUMULATED GALLONS REMOVED FROM TRENCH GALLONS	EPA METHOD 8020 TPHg ug/L	BENZENE ug/L	TOLUENE ug/L	ETHYL-BENZENE ug/L	XYLENES ug/L	MTBE ug/L
T1	WEGE	8/9/99			6.47	200	200						
T1	WEGE	8/10/99			5.02	1730	1930						
T1	WEGE	8/11/99			7.89	960	2890						
T1	WEGE	8/12/99			8.12	800	3690						
T1	WEGE	8/13/99			8.87	600	4290						
T1	WEGE	9/2/99			2.2	3600	7890	40000	7200	5000	950	6100	53
T1	WEGE	9/16/99			2.27	5131	13021						
T1	WEGE	9/23/99			4.26	3351	16372						
T1	WEGE	9/30/99			4.69	1734	18106						
T1	WEGE	10/7/99			4.78	293	18400						
T1	WEGE	1/25/00				0	18400						
T1	WEGE	1/26/00				0	18400						
T1	WEGE	1/26/00		1098330.0		0	18400						
T1	WEGE	2/23/00		1102560.0		0	18400	35000	2900	5700	720	6600	<0.5
T1	WEGE	2/29/00		1106680.0	2.22	0	18400						
T1	WEGE	3/23/00		1109720.0		0	18400		1020	6500	1010	5090	
T1	WEGE	5/4/00		1110780.0		1060	19460						
T1	WEGE	5/12/00		1111700.0	2.19	920	20380						
T1	WEGE	5/16/00		1113359.0	2.18	1659	22039						
T1	WEGE	5/25/00		1113840.0		481	22520						
T1	WEGE	5/31/00		1115111.0	2.15	1271	23791						
T1	WEGE	6/16/00		1115823.0		712	24503						
T1	WEGE	6/26/00		1116293.0	2.22	470	24973						
T1	WEGE	6/30/00		1116303.0		10	24983	30000	3400	3200	950	4600	<5
T1	WEGE	7/5/00		1116313.0		10	24993						
T1	WEGE	7/6/00		1116313.0		0	24993						
T1	WEGE	7/13/00		1117816.0		1503	26496						
T1	WEGE	7/20/00		1118892.0	2.29	1076	27572						
T1	WEGE	7/27/00		1118892.0	2.21	0	27572						
T1	WEGE	8/3/00		1120336.0	2.9	1444	29016						
T1	WEGE	8/10/00		1121041.0	2.75	705	29721	8900	1600	760	260	870	<5
T1	WEGE	8/17/00		1121041.0	2.73	0	29721						
T1	WEGE	8/24/00		1121860.0	2.75	819	30540						
T1	WEGE	8/30/00		1122720.0	2.75	860	31400						
T1	WEGE	9/7/00		1123270.0	2.78	550	31950						
T1	WEGE	9/14/00		1123810.0	2.79	540	32490						
T1	WEGE	9/21/00		1123810.0		0	32490						
T1	WEGE	10/5/00		1124253.0	2.81	443	32933						
T1	WEGE	10/12/00		1124660.0	2.4	407	33340						
T1	WEGE	10/19/00		1125904.3		1244	34584						
T1	WEGE	10/26/00		1127167.0	2.22	1263	35847						
T1	WEGE	11/9/00		1128367.2	2.87	1200	37047						
T1	WEGE	11/16/00		1129779.5		1412	38459	4000	1300	92	60	290	<0.5
T1	WEGE	11/22/00		1130940.5	2.72	1161	39620						
T1	WEGE	12/1/00		1132147.0	2.21	1207	40827						
T1	WEGE	12/7/00		1132147.0	2.21	0	40827						
T1	WEGE	12/14/00		1132823.0	2.55	676	41503						
T1	WEGE	12/21/00		1134087.4	2.3	1264	42767						
T1	WEGE	12/28/00		1134714.8	2.32	627	43394						
T1	WEGE	1/11/01		1134714.8	2.32	0	43394						
T1	WEGE	1/18/01		1135243.8	2.3	529	43923						
T1	WEGE	1/25/01		1136144.0	2.46	900	44824						
T1	WEGE	2/8/01		1136659.0	2.3	515	45339						
T1	WEGE	2/15/01		1137441.4	2.36	782	46121						
T1	WEGE	2/22/01	1140864.5	1141123.6	2	459	46580						
T1	WEGE	3/1/01	1150033.2	1150736.5	2.18	703	47283						
T1	WEGE	3/8/01	1158270.7	1158901.1	2.18	630	47914	25000	4400	3400	770	3200	26
T1	WEGE	3/14/01	1161991.1	1162321.2	2.49	330	48244						
T1	WEGE	3/21/01	1162321.4	1162321.4	2.49	0	48244						
	WEGE	4/4/01	1162321.4	1163471.7	2.54	1150	49394						
	WEGE	4/12/01	1163471.7	1164723.5	2.16	1252	50646						
	WEGE	4/19/01	1172032.3	1173267.0	2.45	1235	51881						
	WEGE	4/26/01	1178315.2	1180276.0	2.25	961	52841						
	WEGE	5/3/01	1180334.5	1181423.5	2.3	1089	53930						
	WEGE	5/10/01	1188209.3	1188209.3	2.29	0	53930						
	WEGE	5/16/01	1188209.3	1189899.1	2.29	1690	55620						
	WEGE	5/24/01	1197065.0	1198018.4	2.13	953	56574						
	WEGE	5/31/01	1198878.6	1199947.3	2.3	769	57342	8900	940	210	340	1500	<50
	WEGE	6/6/01	1203388.1	1204217.2	2.32	831	58173						
	WEGE	6/14/01	1210661.4	1210661.4	2.31	0	58173						

ug/L micrograms per liter (parts per billion)
mg/L milligrams per liter (parts per million)
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
* SAMPLED ON AUGUST 28, 1999

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)	TEMPERATURE (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	229.5	12.30	217.2	4.9				67.6	7.33	<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
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					
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
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
RS-8	8/26/99	214.67	7.35	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					
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	6.99	<0.05					
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	0.053					
RECOVERY 1***	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
RECOVERY 2***	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
RECOVERY 3***	8/26/99	230.32	10.76	219.56	2.5	>77	0.7	0.05	75	6.85	<0.05					
	9/2/99	230.32	10.87	219.45								nm	nm	nm	nm	nm
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					
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

*** NEW ELEVATION SURVEY
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
NA Not Analyzed
< below laboratory lower detection limits.

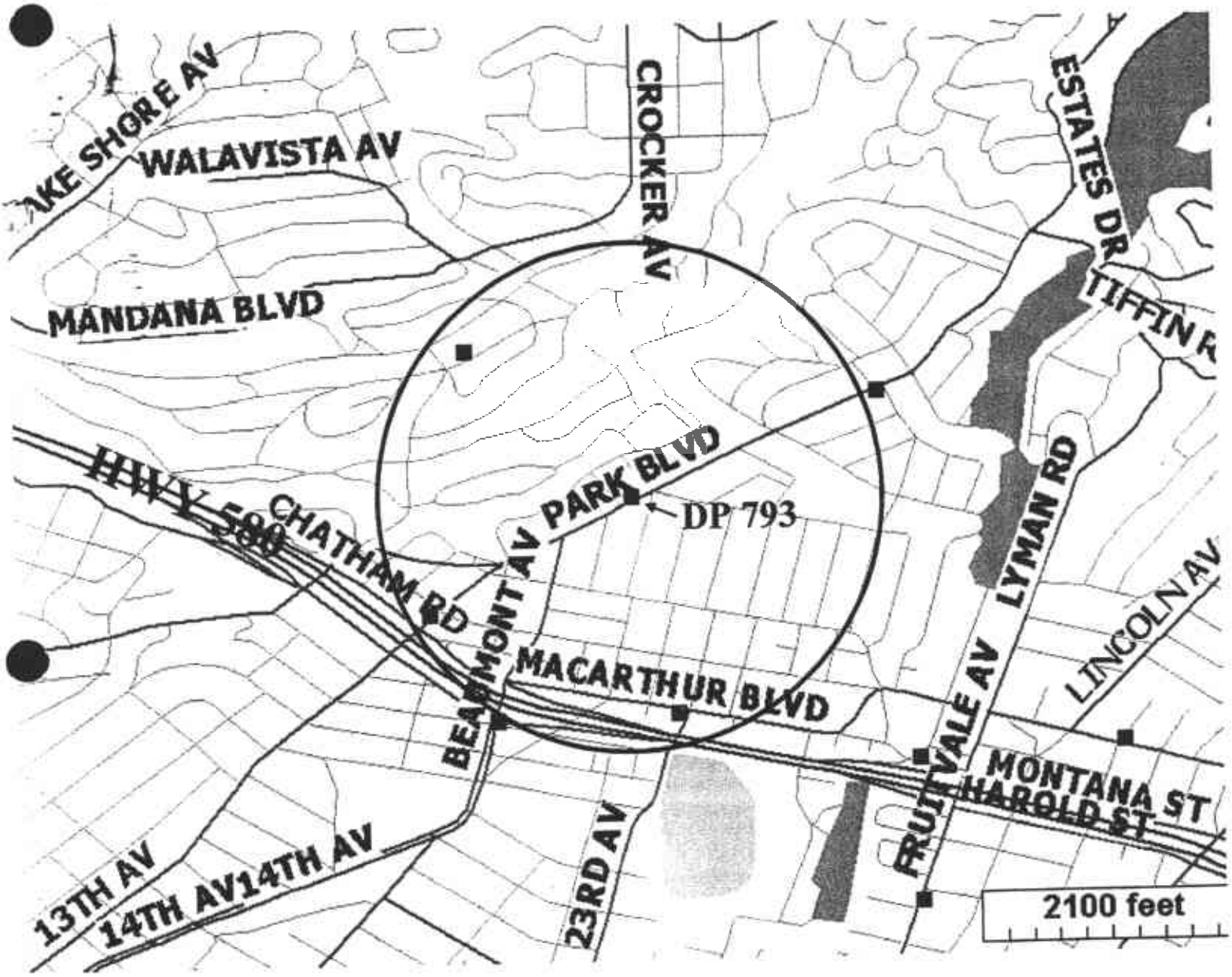


FIGURE 1
GEOTRACKER
AREA WELL & LUST MAP
DP 793
4035 PARK BLVD.
OAKLAND, CA

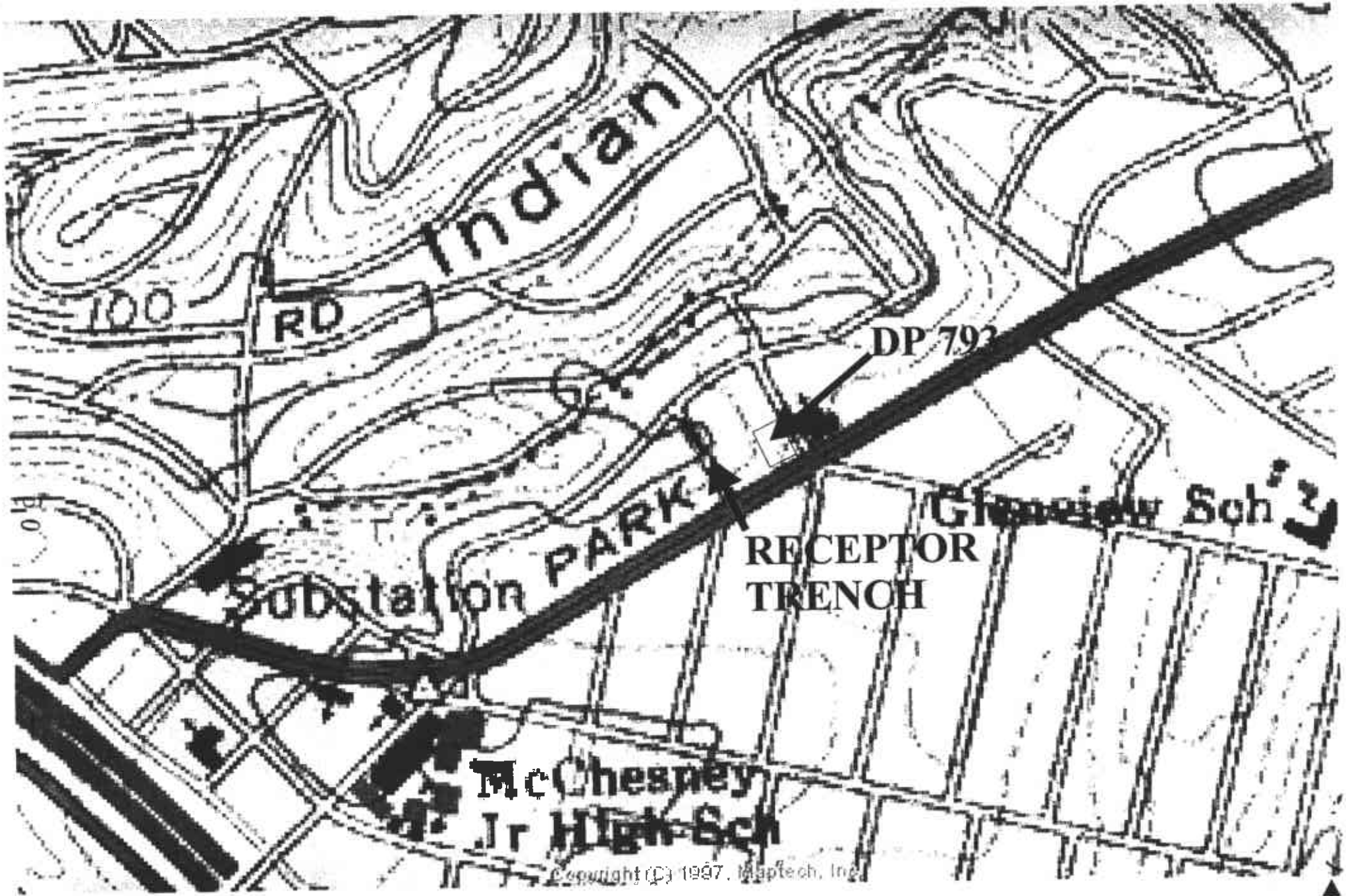


FIGURE 2
PORTION OF OAKLAND EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

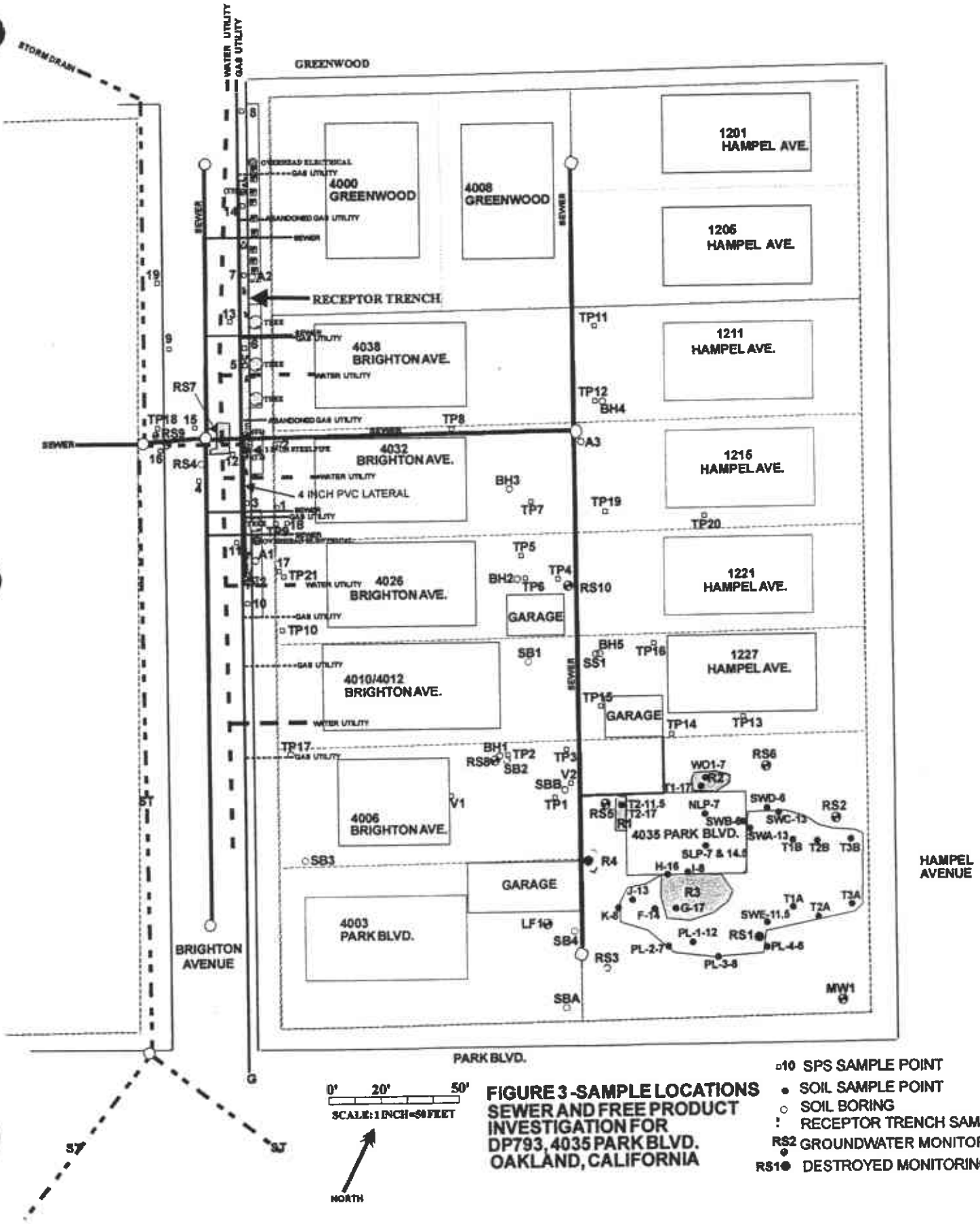


FIGURE 3 -SAMPLE LOCATIONS
SEWER AND FREE PRODUCT INVESTIGATION FOR DP793, 4035 PARK BLVD. OAKLAND, CALIFORNIA

10 SPS SAMPLE POINT
• SOIL SAMPLE POINT
○ SOIL BORING
! RECEPTOR TRENCH SAMPLE POI
RS2 GROUNDWATER MONITORING WE
RS1● DESTROYED MONITORING WELL

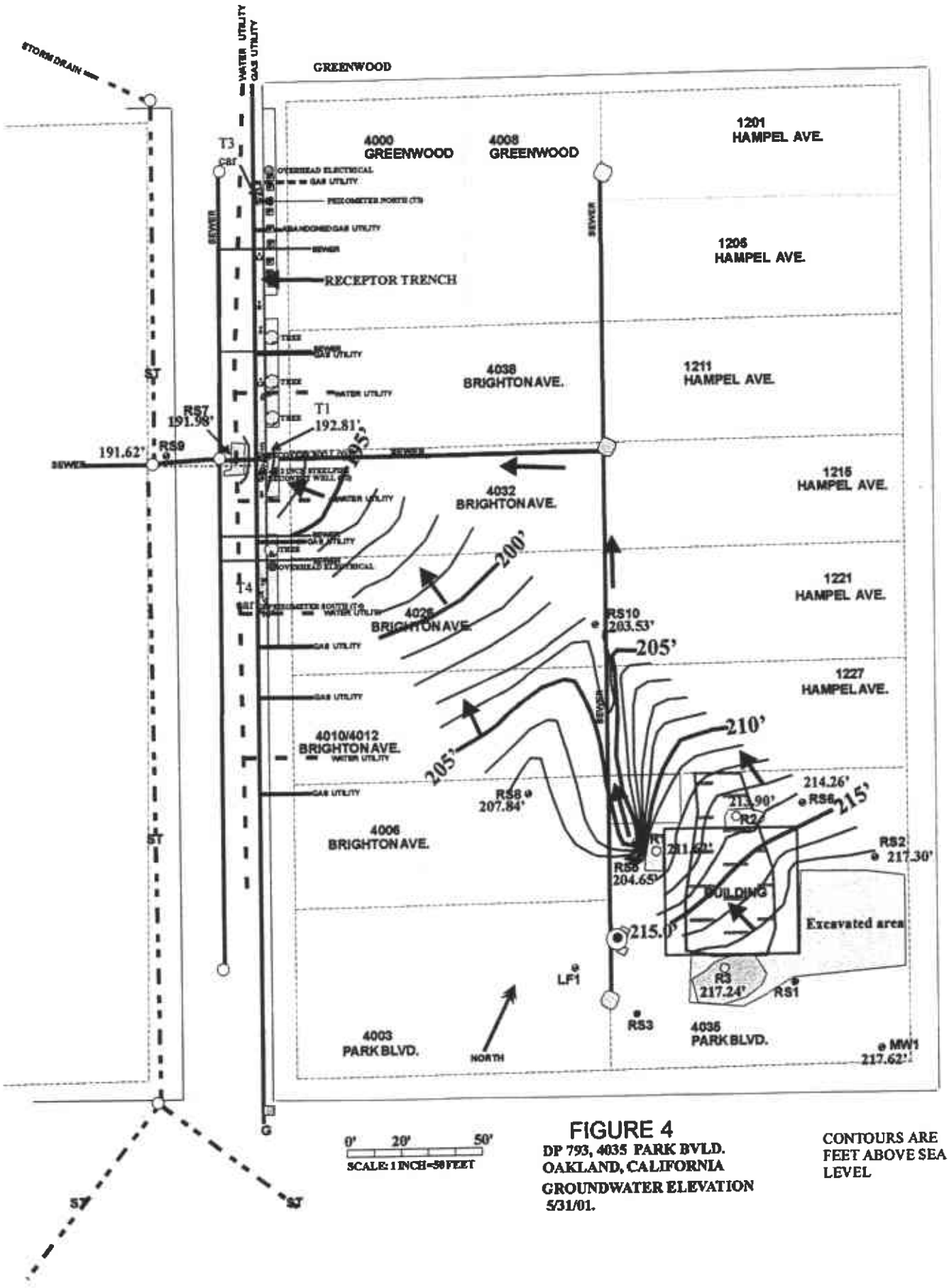


FIGURE 4
DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA
GROUNDWATER ELEVATION
5/31/01.

CONTOURS ARE FEET ABOVE SEA LEVEL

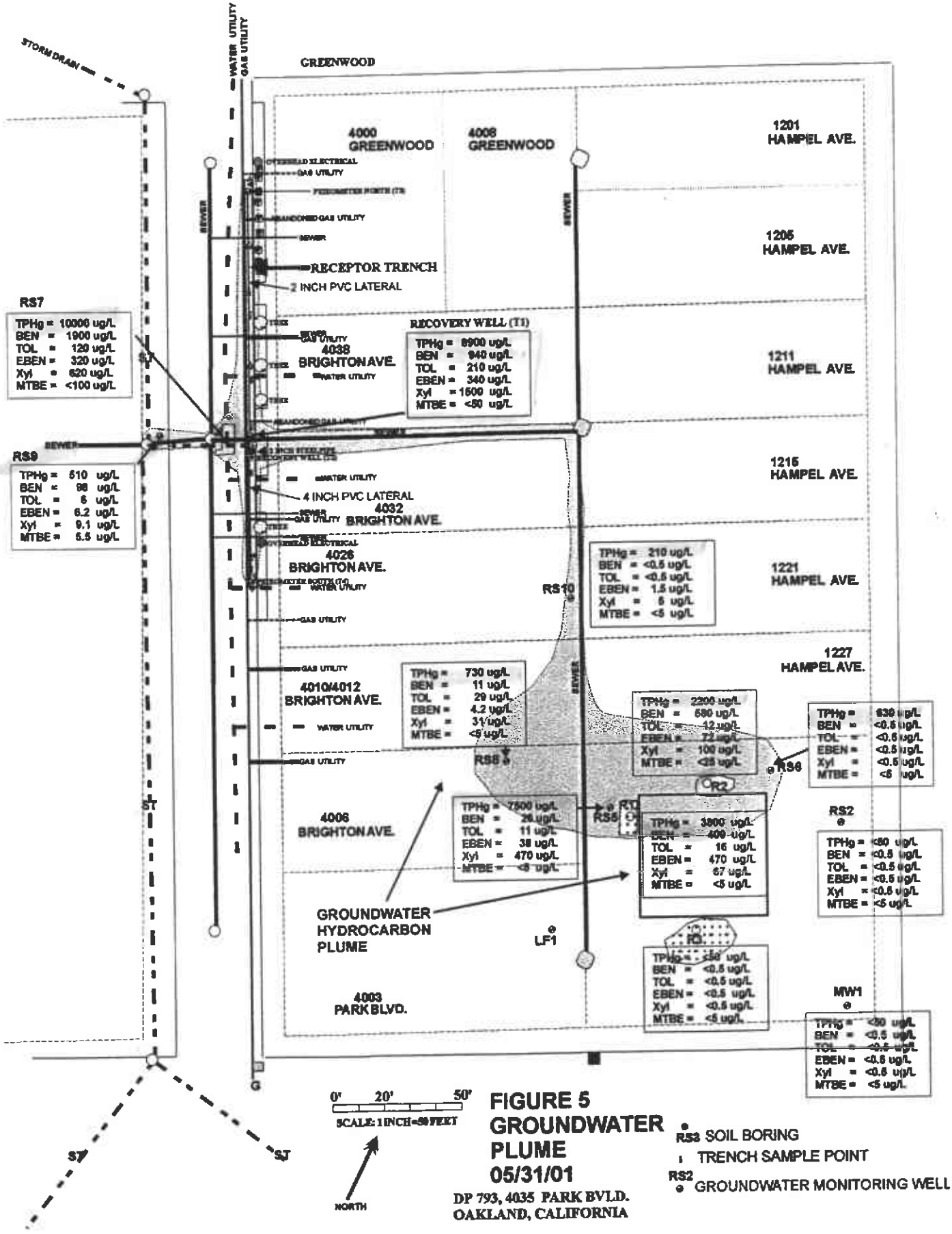


FIGURE 5
GROUNDWATER PLUME
05/31/01

DP 793, 4035 PARK BVLD.
OAKLAND, CALIFORNIA

RS2 SOIL BORING
TRENCH SAMPLE POINT
RS2 GROUNDWATER MONITORING WELL

APPENDIX A
METHODS AND PROCEDURES, QA/QC

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 4øC 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.

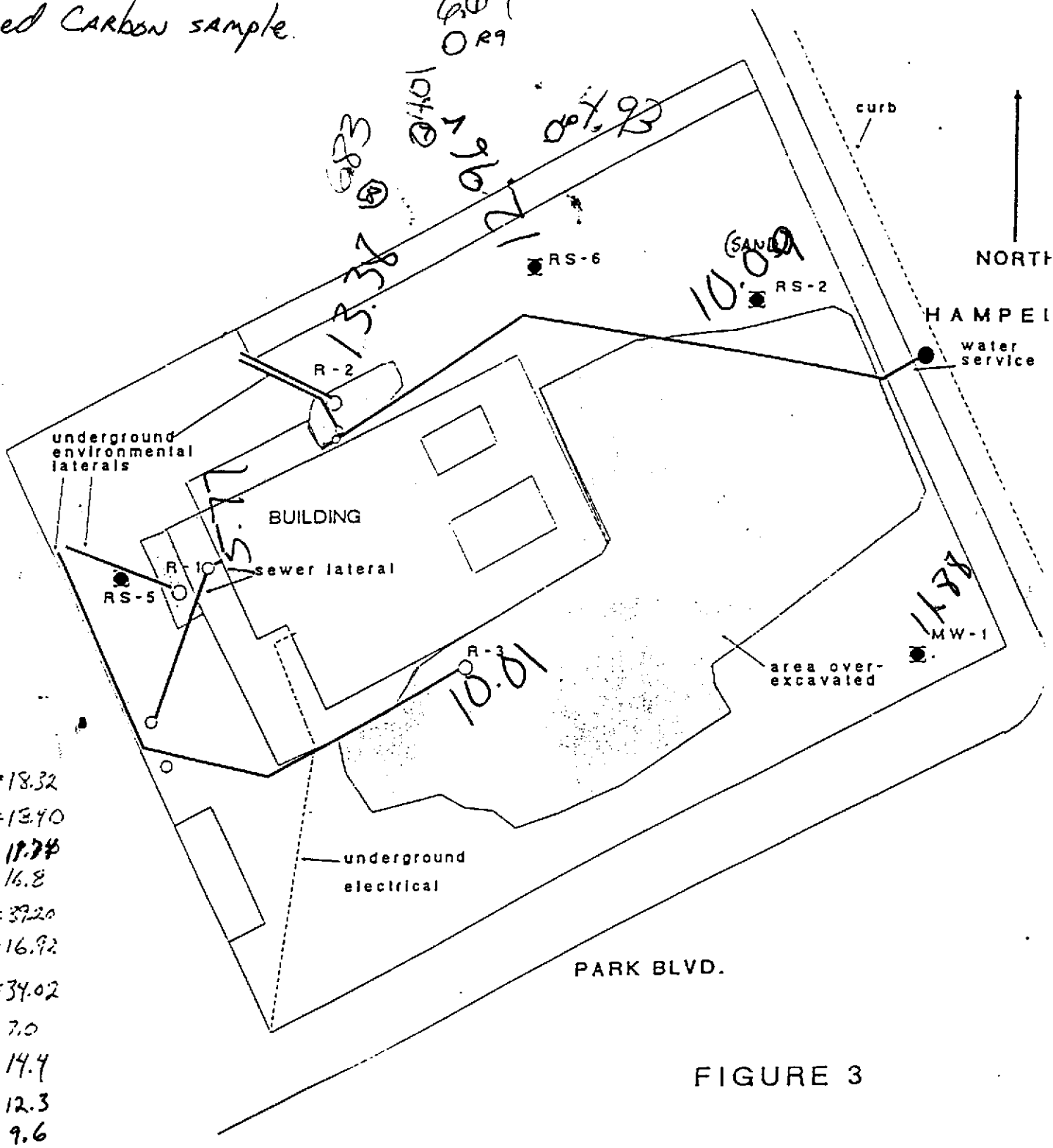
Other abbreviations commonly used are ppm, ppb, mg/Kg, ug/Kg, ml/l and ul/l are parts per million, parts per billion, milligrams per kilogram, micrograms per kilogram, milliliters per liter, microliters per liter, respectively.

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) are 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.

Need CARBON sample. 4 drums



MW1 = 18.32
RS2 = 13.40
R3 = 18.74
R2 = 16.8
RS5 = 39.20
R1 = 16.92
RS6 = 34.02
RS7 = 7.0
RS8 = 14.4
RS9 = 12.3
RS10 = 9.6

FIGURE 3

SITE BASE MAP

0' 20' 40'

SCALE: 1" = 20'.

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

KIFF ANALYTICAL LLC

720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. _____ Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Manager: [illegible]	Phone No.: 530 756 5100
Company/Address: WEGC 1545 E Bernard CA 9577[illegible] Woodland	FAX No.:
Project Number:	P.O. No.:
Email Address: [illegible]	☒.pdf ☐.xls ☐.doc ☐other
Project Name/Location: OP703 Park Blvd Oakland	Sampler Signature: [illegible]

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount) 40 ml VOA	SLEEVE	Method Preserved 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
MW1	5/31/01	928																									1 VOA BROKEN
R2		944																									
R5		750																									
R6		1003																									
R7		1113																									
R8		1051																									
R9		1039																									
R10		1102																									
R1		1022																									
R2		1010																									

	Date	Time		
Relinquished by: [illegible]	5/31/01	1545	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date	Time	Received by Laboratory:	Bill to:
	5/31/01	1545	Monika Jobe/Kiff Analytical	

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

COC.fh8 (5/00)

KIFF ANALYTICAL LLC
720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. _____ Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Manager: George Conrise
Phone No.: 530 [illegible] 7300
Company/Address: WEGE
FAX No.:
Project Number: P.O. No.:
Email Address:
☐.pdf ☐.xls ☐.doc ☐other
Project Name/Location: MP 705 Park - Oakland
Sampler Signature:

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount) 40 ml VOA	SLEEVE	Method Preserved HCl	HNO_3	ICE	NONE	Matrix WATER/SOIL
R3	5/31/01	1128	1		—				1
T1	"	1220	1		—				1

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
12 hr = Results by 9 a.m. of the next bus. day
24 hr = Results by 5 p.m. of the next bus. day
48 hr = Results by 5 p.m. of the 2nd bus. day
72 hr = Results by 5 p.m. of the 3rd bus. day
1 wk = Results by 5 p.m. of the 5th bus. day

	Date	Time	
Relinquished by: ED Ramsburg	5/31/01	1545	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 5/31/01	Time 1545	Received by Laboratory: Master Hen / Kiff Analytical

Remarks:

Bill to:

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

COC.fh8 (5/00)

WESTERN GEO-ENGINEERS
1388 EAST BEAMER
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 0805
WELL T1	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER 2.30	DTB 14.43	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
	1 Bailer			
1220	1200 gal	81.4	7.08	.47

FINAL VOLUME PURGED	gal
TIME SAMPLED	1220
SAMPLE ID.	T1
SAMPLE CONTAINERS	2/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer CLEAR Strong 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 5-31-01	TIME 910
WELL MW1	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	11.88 DTB 18.32	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD				
TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
9:15	1 Bailer	82.4	9.10	
920.	3 gal	78.8	8.81	.33
923	1	76.4	8.62	.24
925	1	76.3	8.59	.23
927	1	76.1	8.58	.23

FINAL VOLUME PURGED	6 gal
TIME SAMPLED	928
SAMPLE ID.	MW 1
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
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 OP 793	DATE 5-31-01	TIME 930
WELL RS 2	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER 10.09	DTB 18.46	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD				
TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
931	1 Bailer	77.6	8.27	58
935	16 gal	79.0	7.60	63
938	1	77.0	7.63	163
940	1	74.8	7.60	162
942	1	74.5	7.61	162

FINAL VOLUME PURGED	6 gal
TIME SAMPLED	944
SAMPLE ID.	RS 2
SAMPLE CONTAINERS	2/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Clear No Odor

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

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME
WELL RS 5	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER ~~15.77~~ 22.96 DTB 39.20		
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
	1 Bailer			
	gal			

FINAL VOLUME PURGED	gal
TIME SAMPLED 750	
SAMPLE ID. RS 5	
SAMPLE CONTAINERS 2/40cc VOAs	
ANALYSIS TO BE RUN TPHg BTEX/MTBE	
LABORATORY NSE	
NOTES: 1ST Bailer	
15.91' recovered to prior to pump purge	

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

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 946
WELL RS 6	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	12.96 DTB 34.02	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
947	1 Bailer	76.5	7.34	.50
954	~5 gal	72.7	6.97	.51
958	1	76.5	7.07	.50
1000	1	74.2	7.06	.49
1002	1	74.1	7.07	.49

13822

FINAL VOLUME PURGED	gal
TIME SAMPLED	1003
SAMPLE ID.	RS 6
SAMPLE CONTAINERS	2/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Clear No Odor

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WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1106
WELL RS9	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER 4.01	DTB 12.3	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1107	1 Bailer	75.6	6.73	.34
1109	8 gal	74.3	6.93	.32
1110	1	74.1	6.99	.30
1112	1	73.8	7.00	.30

FINAL VOLUME PURGED	10 gal
TIME SAMPLED	1113
SAMPLE ID.	RS9
SAMPLE CONTAINERS	2/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1st Bailer Turbid .5 Strong Odor

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WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1044
WELL RS-8	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	6.83 DTB 14.	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1045	1 Bailer	75.8	7.42	.33
1047	1 gal	71.7	7.56	.23
1048	1	70.5	7.52	.21
1049	1	69.5	7.41	.21
1050	1	69.0	7.39	.21

FINAL VOLUME PURGED	4 gal
TIME SAMPLED	1051
SAMPLE ID.	RS 8
SAMPLE CONTAINERS	2/40cc VOA's
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Cloudy Strong Odor

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

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1033
WELL RS9	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER 4.01	DTB 12.0	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1034	1 Bailer	80.7	7.13	.35
1036	2 gal	76.9	7.18	.30
1037	1	75.8	7.18	26
1038	1	74.9	7.19	.26

FINAL VOLUME PURGED	4 gal
TIME SAMPLED	1039
SAMPLE ID.	RS9
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Silty No Odor

GEO-ENGINEERS
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1055
WELL RS10	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	4.93 DTB 9.6	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1056	1 Bailer	71.8	7.69	.12
11.57	.5 gal	69.7	7.58	.12
1158	.5	69.0	7.46	.11
1159	.5	68.9	7.36	.12
1100	.5	68.7	7.29	.11
1101	.5	68.5	7.28	.12

FINAL VOLUME PURGED	2.5 gal
TIME SAMPLED	1102
SAMPLE ID.	RS10
SAMPLE CONTAINERS	3/40cc VOAs
ANALYSIS TO BE RUN	TPHg. BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Turbid Stinky Odor

2b1

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

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1013
WELL R1	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	15.77 DTB 16.92	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1015	1 Bailer	76.5	7.75	.30
1018	4 gal	73.0	7.56	.29
1019	1	72.1	7.47	.29
1020	1	71.3	7.38	.29
1021	1	70.9	7.37	.29

FINAL VOLUME PURGED	7 gal
TIME SAMPLED	1022
SAMPLE ID.	R1
SAMPLE CONTAINERS	2/40cc VOA's
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1st Bailer Clear Slight odor

3 b1

WESTERN GEO-ENGINEERS
1388 EAST KENTUCKY
WOODLAND, CALIFORNIA 95695
(916) 668-5300, FAX (916) 662-0273

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1004
WELL R2	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	13.38 DTB 16.8	
FLUID ELEVATION		
BAILER TYPE	Disposable Bailer	
PUMP	David Pittman	

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1005	1 Bailer	73.6	7.34	.47
1008	10 gal	70.9	7.23	.46
1009	1	71.2	7.21	.46
1010	1	71.0	7.21	.46

FINAL VOLUME PURGED	12 gal
TIME SAMPLED	1010
SAMPLE ID.	R2
SAMPLE CONTAINERS	2/40cc VOA's
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1ST Bailer Clear Egg odor

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

WELL SAMPLING DATA SHEET

SITE OP 793	DATE 5-31-01	TIME 1023
WELL R3	SAMPLED BY. BROADWAY	
WELL ELEVATION		
PRODUCT THICKNESS		
DEPTH TO WATER	DTB 11.74	
FLUID ELEVATION		
BAILER TYPE Disposable Bailer		
PUMP David Pittman		

WELL PURGING RECORD

TIME	VOLUME REMOVED	TEMP. F°	pH	COND. X1000
1024	1 Bailer	75.3	7.25	.52
1025	1 gal	74.9	7.27	.55
1026	1	76.2	7.27	.55
1027	1	75.9	7.26	.55

FINAL VOLUME PURGED	3 gal
TIME SAMPLED	1028
SAMPLE ID.	R3
SAMPLE CONTAINERS	2/40cc VOA's
ANALYSIS TO BE RUN	TPHg BTEX/MTBE
LABORATORY	NSE
NOTES:	1st Bailer Clear No Odor

2b.

APPENDIX B.

RECEPTOR TRENCH WEEKLY PURGING FIELD NOTES

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 4-4-01 REASON FOR SITE VISIT Pump T1

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
1230		2.54			
1600		3.26			

TRENCH WELL T2

PID	DTW	pH	TEMP	COND
	2.72			
	3.44			

TRENCH WELL T3

PID	DTW	pH	TEMP	COND
	CAR			

TRENCH WELL T4

PID	DTW	pH	TEMP	COND
	CAR			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	11.08			
RS2	6.33			
RS5	15.11			
RS6	11.26			
RS7	6.03			
RS8	9.07			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	5.97			
RS10	2.86			
R1	13.41			
R2	11.94			
R3	7.87			

COMMENTS

ELECTRIC METER —

WATER METER 116347.7

SAMPLE —

SITE MONITORED BY Broadway

	WASTEWATER INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 5 GALLONS/ 1 MINUTES GALLONS PURGED
T2 FLOW RATE ___ GALLONS/ ___ MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 ___ PSI #2 2.0 PSI

FILTER INSPECTION AND COMMENTS —

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS Clean - Weeds about 8 inches High

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 4-12-01 REASON FOR SITE VISIT Pump Trench

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
1045		2.16			

TRENCH WELL T2

PID	DTW	pH	TEMP	COND
	2.42			

TRENCH WELL T3

PID	DTW	pH	TEMP	COND
	9.68			

TRENCH WELL T4

PID	DTW	pH	TEMP	COND
	CAR			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	11.0			
RS2	8.64			
RS5	13.92			
RS6	11.47			
RS7				
RS8	6.5			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	6.01			
RS10				
R1	12.08			
R2	12.12			
R3	8.59			

COMMENTS Using new pump w/ Pumptech controler

ELECTRIC METER 13124 WATER METER 1164723.5

SAMPLES — SITE MONITORED BY Broadway

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 4.5 GALLONS/ 1 MINUTES GALLONS PURGED
T2 FLOW RATE 4.5 GALLONS/ 1 MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 PSI #2 PSI

FILTER INSPECTION AND COMMENTS —

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS Cleaned except weeds

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 DF 793

4035 PARK BLVD
OAKLAND, CALIFORNIA 94602
WASTE WATER DISCHARGE PERMIT NUMBER SO43550 1

WASTE WATER PRETREATMENT, SEDIMENT SETTLING TANK AND 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM DAILY 2000 GALLONS

DATE 4-19-01 REASON FOR SITE VISIT Meet EBMud & Pump

TRENCH WELL 11

TIME	PID	DTW	pH	TEMP	COND
1230					
1630					

TRENCH WELL 12

PID	DTW	pH	TEMP	COND
	2.45			
	3.64			

TRENCH WELL 13

PID	DTW	pH	TEMP	COND
	CAR			

TRENCH WELL 14

PID	DTW	pH	TEMP	COND
	CAR			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	14.14			
RS2	9.89			
RS5	23.15			
RS6	16.63			
RS7	[illegible]			
RS8	7.84			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	[illegible]			
RS10	2.3			
R1	16.78			
R2	12.46			
R3	8.90			

COMMENTS Chris Spencer & Debra got discharge sample @ 1245 advised to get old carbon ou of are

ELECTRIC METER 13221

WATER METER 1173267.0 trash 1172032.3 RS5

SAMPLED Seven discharge

SITE MONITORED BY BROADWAY

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

11 FLOW RATE 1 GALLONS/ MINUTES GALLONS PURGED

12 FLOW RATE 5 GALLONS/ 1 MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 12 PSI #2 PSI

FILTER INSPECTION AND COMMENTS

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS Tall weeds cleaned papers

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

EAST BAY MUNICIPAL UTILITY DISTRICT

NOTIFICATION OF EBMUD TEST RESULTS

DAVID R. WILLIAMS
DIRECTOR OF WASTEWATER

May 15, 2001

DESERT PETROLEUM, INC.
P.O. Box 1601
Oxnard, CA 93032

Attention: George Converse

Re: Wastewater Discharge Permit No.50435501
Discharge Location - 4035 Park Boulevard , Oakland

East Bay Municipal Utility District (EBMUD) inspected the subject facility and sampled the wastewater discharge. The measured parameters are in compliance with your Wastewater Discharge Permit.

The test results of the samples and corresponding discharge Permit limitations are shown in the table below.

Date	SS	Sample No.	Type	Parameter	Result
04/19/01	No. 1	L89317-1	grab	Benzene	< 0.00050
04/19/01	No. 1	L89317-1	grab	Ethyl Benzene	< 0.00080
04/19/01	No. 1	L89317-1	grab	Toluene	< 0.00070
04/19/01	No. 1	L89317-1	grab	Total Xylenes	< 0.00330

Note: All units are mg/L

If you have any questions regarding the inspection or the sample results, please contact me.

Sincerely,

Marie Kulka

Marie A. Kulka
(510)287-1632
Wastewater Control Representative
Industrial Discharge Section

EBMUD - Mail Slot # 702
Source Control Division
P.O. Box 24055
Oakland, CA 94623-1055

cc: George Converse
1386 East Beamer Street
Woodland, CA 95776

EBMUD Laboratory Analytical Report

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
Phone (510) 287-1432 Fax (510) 465-5462
Analytical Results Report

Report generated on: May 09 2001, 08:33 pm
Turn-around-time (min to max): 21 to 21 calendar days
Sample(s) received by the lab on: Apr 19 2001, 02:34 pm
Login #: L89317
LSR #: B941-0001-1
Project Title: Desert Petoleum - DP793 GW 1 gw-lo

Please route this report to:

1) 5-10-01
JACK C. LIM

2)
WILLIAM M. ELLGAS

Client PM: MARIE KULKA

Legend to the Report Qualifier Flags:

* =	Duplicate value outside of control limits
+ =	Positive
- =	Negative
< =	Less than
> =	Greater than
>= =	Greater than or equal to
A =	Absent
B =	Analyte detected in method blank
C =	GC/MS confirmation
CG =	Confluent growth
D =	Surrogate spike outside of control limits
E =	Estimated value, concentration outside calibration range. For SIP, E=DNQ. Estimated Concentration.
FAIL =	Fail
H =	Analyzed past hold time
I =	Dual Column quantitation difference > 40% RPD
J =	Estimated value, quantitation does not meet SOP criteria
LA =	Lost analysis
M =	Duplicate injection precision not met
N =	Spike recovery outside of control limits
NEG =	Negative
P =	Present
PASS =	Pass
POS =	Positive
Q =	Data qualified by the Data Review Committee
R =	Spike out of calibration range
S =	Method of standard additions used
SP =	Spreader
T =	Diesel/Gasoline pattern is atypical
TNTC =	Too Numerous to Count
U =	Analyte not detected
W =	Post-digestion spike (HGA) outside control limits
X =	Presumptive evidence of a compound
Z =	Not calculable
~ =	Approximately

Project Number: B941-0001-1 Desert Petoleum - DP793 GW 1 gw-lo
Sample Id: L89317-1 Instantaneous Grab
Site: IW S Desert Petroleum, Inc., #5043550 1 located at 4035 Park Boulevard, Oak
Locator: DP793 GW 1 land. Side Sewer 1 Groundwater discharge
Client ID:
Collect Date: Apr 19 2001, 12:45pm
Receive Date: Apr 19 2001, 02:34pm
Sample Comments:

Method Reference / Parameter	Matrix / Dilution	Tag / Qualifier	Batch PrepDate / Result	Analysis Date / Units	Run ID / MDL	RL/ML	Worknum / Text
BROMODICHLOROMETHANE	10	U	0.40	ug/L	0.40		
2-CHLOROETHYLVINYL ETHER	10	U	1.0	ug/L	1.0		
2-NITROPROPANE	10	U	10	ug/L	10		
CHLOROACETONITRILE	10	U	100	ug/L	100		
CIS-1,3-DICHLOROPROPENE	10	U	0.70	ug/L	0.70		
4-METHYL-2-PENTANONE	10	U	4.0	ug/L	4.0		
1,1-DICHLORO-2-PROPANONE	10	U	10	ug/L	10		
TOLUENE	10	U	0.70	ug/L	0.70		
TRANS-1,3-DICHLOROPROPENE	10	U	0.20	ug/L	0.20		
ETHYLMETHACRYLATE	10	U	10	ug/L	10		
1,1,2-TRICHLOROETHANE	10	U	0.30	ug/L	0.30		
TETRACHLOROETHENE	10	U	1.1	ug/L	1.1		
1,3-DICHLOROPROPANE	10	U	0.70	ug/L	0.70		
2-HEXANONE	10	U	1.0	ug/L	1.0		
DIBROMOCHLOROMETHANE	10	U	0.60	ug/L	0.60		
ETHYLENE DIBROMIDE	10	U	1.0	ug/L	1.0		
CHLOROBENZENE	10	U	0.50	ug/L	0.50		
1,1,1,2-TETRACHLOROETHANE	10	U	0.30	ug/L	0.30		
ETHYL BENZENE	10	U	0.80	ug/L	0.80		
M+P XYLENES	10	U	2.2	ug/L	2.2		
O-XYLENE	10	U	1.1	ug/L	1.1		
STYRENE	10	U	0.80	ug/L	0.80		
BROMOFORM	10	U	1.0	ug/L	1.0		
ISOPROPYLBENZENE	10	U	1.1	ug/L	1.1		
BROMOBENZENE	10	U	0.80	ug/L	0.80		
TRANS-1,4-DICHLORO-2-BUTENE	10	U	10	ug/L	10		
1,1,2,2-TETRACHLOROETHANE	10	U	1.1	ug/L	1.1		
1,2,3-TRICHLOROPROPANE	10	U	0.80	ug/L	0.80		
N-PROPYLBENZENE	10	U	0.90	ug/L	0.90		
O-CHLOROTOLUENE	10	U	1.2	ug/L	1.2		
P-CHLOROTOLUENE	10	U	0.80	ug/L	0.80		
1,3,5-TRIMETHYLBENZENE	10	U	1.8	ug/L	1.8		
TERT-BUTYLBENZENE	10	U	0.80	ug/L	0.80		
PENTACHLOROETHANE	10	U	2.0	ug/L	2.0		
1,2,4-TRIMETHYLBENZENE	10	U	3.5	ug/L	3.5		
SEC-BUTYLBENZENE	10	U	1.0	ug/L	1.0		
1,3-DICHLOROBENZENE	10	U	0.60	ug/L	0.60		
P-ISOPROPYLTOLUENE	10	U	0.80	ug/L	0.80		
1,4-DICHLOROBENZENE	10	U	0.40	ug/L	0.40		
1,2-DICHLOROBENZENE	10	U	0.50	ug/L	0.50		
N-BUTYLBENZENE	10	U	1.0	ug/L	1.0		
BIS(2-CHLOROISOPROPYL)ETHER	10	U	6.0	ug/L	6.0		
HEXACHLOROETHANE	10	U	10	ug/L	10		
DIBROMOCHLOROPROPANE	10	U	4.7	ug/L	4.7		
NITROBENZENE	10	U	200	ug/L	200		
1,2,4-TRICHLOROBENZENE	10	U	1.1	ug/L	1.1		
HEXACHLOROBUTADIENE	10	U	1.2	ug/L	1.2		
NAPHTHALENE	10	U	1.0	ug/L	1.0		
1,2,3-TRICHLOROBENZENE	10	U	1.1	ug/L	1.1		

BATCH PREPDATE as initial date of sample preparation
ANALYSIS DATE as date of analysis

Project Number: B941-0001-1 Desert Petoleum - DP793 GW 1 gw-lo
Sample Id: L89317-2 Trip Blank Grab
Site: IW S Desert Petroleum, Inc., #5043550 1 located at 4035 Park Boulevard, Oak
Locator: DP793 GW 1 land. Side Sewer 1 Groundwater discharge
Client ID:
Collect Date: Apr 19 2001, 12:45pm
Receive Date: Apr 19 2001, 02:05pm
Sample Comments: QCTB for L89317-1 ; Prep'd by TCBRAY on 16-apr-01

Method Reference / Parameter	Dilution	Matrix Qualifier	Tag	Batch PrepDate / Result	Analysis Date / Units	Run ID / MDL	Worknum / RL/ML	Text
EPA 624		WasteH2O		01-MAY-01	01-MAY-01	R91563	WG82646	
Internal Standards:								
FLUOROBENZENE	1.00			102	% recovery			
D5-CHLOROBENZENE	1.00			95.9	% recovery			
D4-1,4-DICHLOROBENZENE	1.00			75.0	% recovery			
Surrogates:								
DIBROMOFLUOROMETHANE	1.00			115	% recovery			
D4-DICHLOROETHANE	1.00			114	% recovery			
D8-TOLUENE	1.00			98.1	% recovery			
4-BROMOFLUOROBENZENE	1.00			81.7	% recovery			
Analytes:								
DICHLORODIFLUOROMETHANE	1.0		U	0.090	ug/L	0.090		
CHLOROMETHANE	1.0		U	0.10	ug/L	0.10		
VINYL CHLORIDE	1.0		U	0.070	ug/L	0.070		
1,3-BUTADIENE	1.0		U	0.20	ug/L	0.20		
BROMOMETHANE	1.0		U	0.21	ug/L	0.21		
CHLOROETHANE	1.0		U	0.19	ug/L	0.19		
FLUOROTRICHLOROMETHANE	1.0		U	0.15	ug/L	0.15		
ETHYL ETHER	1.0		U	2.0	ug/L	2.0		
ACROLEIN	1.0		U	20	ug/L	20		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.0		U	0.10	ug/L	0.10		
1,1-DICHLOROETHENE	1.0		U	0.050	ug/L	0.050		
[illegible]TONE	1.0			9.0	ug/L	6.0		
[illegible]METHANE	1.0		U	1.0	ug/L	1.0		
CARBON DISULFIDE	1.0		U	0.10	ug/L	0.10		
ALLYL CHLORIDE	1.0		U	1.0	ug/L	1.0		
METHYLENE CHLORIDE	1.0		U	0.070	ug/L	0.070		
TERT-BUTYL ALCOHOL	1.0		U	25	ug/L	25		
ACRYLONITRILE	1.0		U	1.0	ug/L	1.0		
METHYL-T-BUTYL ETHER	1.0		U	0.50	ug/L	0.50		
TRANS-1,2-DICHLOROETHENE	1.0		U	0.14	ug/L	0.14		
DIISOPROPYL ETHER	1.0		U	0.50	ug/L	0.50		
VINYL ACETATE	1.0		U	0.20	ug/L	0.20		
1,1-DICHLOROETHANE	1.0		U	0.070	ug/L	0.070		
ETHYL-T-BUTYL ETHER	1.0		U	0.50	ug/L	0.50		
2-BUTANONE	1.0		U	3.0	ug/L	3.0		
ETHYL ACETATE	1.0		U	0.10	ug/L	0.10		
SEC-DICHLOROPROPANE	1.0		U	0.17	ug/L	0.17		
CIS-1,2-DICHLOROETHENE	1.0		U	0.050	ug/L	0.050		
METHYLACRYLATE	1.0		U	1.0	ug/L	1.0		
METHYLACRYLONITRILE	1.0		U	1.0	ug/L	1.0		
BROMOCHLOROMETHANE	1.0		U	0.14	ug/L	0.14		
TETRAHYDROFURAN	1.0		U	10	ug/L	10		
CHLOROFORM	1.0		U	0.070	ug/L	0.070		
1,1,1-TRICHLOROETHANE	1.0		U	0.080	ug/L	0.080		
1-CHLOROBUTANE	1.0		U	1.0	ug/L	1.0		
1,1-DICHLOROPROPENE	1.0		U	0.070	ug/L	0.070		
CARBON TETRACHLORIDE	1.0		U	0.14	ug/L	0.14		
BENZENE	1.0		U	0.050	ug/L	0.050		
1,2-DICHLOROETHANE	1.0		U	0.060	ug/L	0.060		
TERT-AMYL METHYL ETHER	1.0		U	0.50	ug/L	0.50		
TRICHLOROETHENE	1.0		U	0.050	ug/L	0.050		
1,2-DICHLOROPROPANE	1.0		U	0.12	ug/L	0.12		
METHYLMETHACRYLATE	1.0		U	1.0	ug/L	1.0		
DIBROMOMETHANE	1.0		U	0.090	ug/L	0.090		

[illegible]TCH PREPDATE as initial date of sample preparation
[illegible]ALYSIS DATE as date of analysis

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
Phone (510) 287-1432 Fax (510) 465-5462
Analytical Results Report

Project Number: B941-0001-1 Desert Petoleum - DP793 GW 1 gw-lo
Sample Id: L89317-2 Trip Blank Grab
Site: IW S Desert Petroleum, Inc., #5043550 1 located at 4035 Park Boulevard, Oak
Locator: DP793 GW 1 land. Side Sewer 1 Groundwater discharge
Client ID:
Collect Date: Apr 19 2001, 12:45pm
Receive Date: Apr 19 2001, 02:05pm
Sample Comments: QCTB for L89317-1 ; Prep'd by TCBRAY on 16-apr-01

Method Reference / Parameter	Dilution	Matrix / Tag Qualifier	Batch	PrepDate / Result	Units	Analysis Date / MDL	Run ID / RL/ML	Worknum / Text
BROMODICHLOROMETHANE	1.0	U		0.040	ug/L	0.040		
2-CHLOROETHYLVINYL ETHER	1.0	U		0.10	ug/L	0.10		
2-NITROPROPANE	1.0	U		1.0	ug/L	1.0		
CHLOROACETONITRILE	1.0	U		10	ug/L	10		
CIS-1,3-DICHLOROPROPENE	1.0	U		0.070	ug/L	0.070		
4-METHYL-2-PENTANONE	1.0	U		0.40	ug/L	0.40		
1,1-DICHLORO-2-PROPANONE	1.0	U		1.0	ug/L	1.0		
TOLUENE	1.0	U		0.070	ug/L	0.070		
TRANS-1,3-DICHLOROPROPENE	1.0	U		0.020	ug/L	0.020		
ETHYLMETHACRYLATE	1.0	U		1.0	ug/L	1.0		
1,1,2-TRICHLOROETHANE	1.0	U		0.030	ug/L	0.030		
TETRACHLOROETHENE	1.0	U		0.11	ug/L	0.11		
1,3-DICHLOROPROPANE	1.0	U		0.070	ug/L	0.070		
2-HEXANONE	1.0	U		0.10	ug/L	0.10		
DIBROMOCHLOROMETHANE	1.0	U		0.060	ug/L	0.060		
ETHYLENE DIBROMIDE	1.0	U		0.10	ug/L	0.10		
CHLOROBENZENE	1.0	U		0.050	ug/L	0.050		
1,1,1,2-TETRACHLOROETHANE	1.0	U		0.030	ug/L	0.030		
ETHYL BENZENE	1.0	U		0.080	ug/L	0.080		
M+P XYLENES	1.0	U		0.22	ug/L	0.22		
O-XYLENE	1.0	U		0.11	ug/L	0.11		
STYRENE	1.0	U		0.080	ug/L	0.080		
BROMOFORM	1.0	U		0.10	ug/L	0.10		
[illegible]PROPYLBENZENE	1.0	U		0.11	ug/L	0.11		
[illegible]MOBENZENE	1.0	U		0.080	ug/L	0.080		
TRANS-1,4-DICHLORO-2-BUTENE	1.0	U		1.0	ug/L	1.0		
1,1,2,2-TETRACHLOROETHANE	1.0	U		0.11	ug/L	0.11		
1,2,3-TRICHLOROPROPANE	1.0	U		0.080	ug/L	0.080		
N-PROPYLBENZENE	1.0	U		0.090	ug/L	0.090		
O-CHLOROTOLUENE	1.0	U		0.12	ug/L	0.12		
P-CHLOROTOLUENE	1.0	U		0.080	ug/L	0.080		
1,3,5-TRIMETHYLBENZENE	1.0	U		0.18	ug/L	0.18		
TERT-BUTYLBENZENE	1.0	U		0.080	ug/L	0.080		
PENTACHLOROETHANE	1.0	U		0.20	ug/L	0.20		
1,2,4-TRIMETHYLBENZENE	1.0	U		0.35	ug/L	0.35		
SEC-BUTYLBENZENE	1.0	U		0.10	ug/L	0.10		
1,3-DICHLOROBENZENE	1.0	U		0.060	ug/L	0.060		
P-ISOPROPYLTOLUENE	1.0	U		0.080	ug/L	0.080		
1,4-DICHLOROBENZENE	1.0	U		0.040	ug/L	0.040		
1,2-DICHLOROBENZENE	1.0	U		0.050	ug/L	0.050		
N-BUTYLBENZENE	1.0	U		0.10	ug/L	0.10		
BIS(2-CHLOROISOPROPYL)ETHER	1.0	U		0.60	ug/L	0.60		
HEXACHLOROETHANE	1.0	U		1.0	ug/L	1.0		
DIBROMOCHLOROPROPANE	1.0	U		0.47	ug/L	0.47		
NITROBENZENE	1.0	U		20	ug/L	20		
1,2,4-TRICHLOROBENZENE	1.0	U		0.11	ug/L	0.11		
HEXACHLOROBUTADIENE	1.0	U		0.12	ug/L	0.12		
NAPHTHALENE	1.0	U		0.10	ug/L	0.10		
1,2,3-TRICHLOROBENZENE	1.0	U		0.11	ug/L	0.11		

BATCH PREPDATE as initial date of sample preparation
ANALYSIS DATE as date of analysis

Method Reference / Parameter	Qual	Blank	Samp_tag / Units	BatchPrepDate / Qual Dup / RPD	AnalysisDate / Qual MS / REC SPIKE	RunID / Qual MSD / RPD	Worknum / Qual LCS / REC SPIKE
EPA 624		WWATER		01-MAY-01	01-MAY-01	R91563	WG82646
DICHLORODIFLUOROMETHANE	U	.09	ug/L		100	1.7	71
CHLOROMETHANE	U	.1	ug/L		100	9.2	92
VINYL CHLORIDE	U	.07	ug/L		120	1.7	86
1,3-BUTADIENE	U	.2	ug/L				
BROMOMETHANE	U	.21	ug/L		120	.27	110
CHLOROETHANE	U	.19	ug/L		130	1.7	110
FLUOROTRICHLOROMETHANE	U	.15	ug/L		120	5.7	89
ETHYL ETHER	U	2	ug/L		97	2	73
ACROLEIN	U	20	ug/L				
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	U	.1	ug/L				
1,1-DICHLOROETHENE	U	.05	ug/L		100	3.8	72
ACETONE	U	6	ug/L				
IODOMETHANE	U	1	ug/L		90	.99	57
CARBON DISULFIDE	U	.1	ug/L		83	2	70
ALLYL CHLORIDE	U	1	ug/L		100	5	78
METHYLENE CHLORIDE	U	.07	ug/L		100	.57	85
TERT-BUTYL ALCOHOL	U	25	ug/L		74	22	U 0
ACRYLONITRILE	U	1	ug/L		87	7.8	140
METHYL-T-BUTYL ETHER	U	.5	ug/L		100	5.9	64
TRANS-1,2-DICHLOROETHENE	U	.14	ug/L		100	1.3	84
DIISOPROPYL ETHER	U	.5	ug/L		110	.87	64
VINYL ACETATE	U	.2	ug/L				
1,1-DICHLOROETHANE	U	.07	ug/L		100	.31	84
ETHYL-T-BUTYL ETHER	U	.5	ug/L		100	5.7	62
2-BUTANONE	U	3	ug/L				
ETHYL ACETATE	U	.1	ug/L				
SEC-DICHLOROPROPANE	U	.17	ug/L		100	4.8	85
CIS-1,2-DICHLOROETHENE	U	.05	ug/L		110	4.1	80
METHYLACRYLATE	U	1	ug/L		89	10	56
METHYLACRYLONITRILE	U	1	ug/L		88	9.6	57
[illegible]OMOCHLOROMETHANE	U	.14	ug/L		98	3.4	84
[illegible]RAHYDROFURAN	U	10	ug/L				
CHLOROFORM	U	.07	ug/L		110	6.1	86
1,1,1-TRICHLOROETHANE	U	.08	ug/L		110	5.2	90
1-CHLOROBUTANE	U	1	ug/L		110	2.3	73
1,1-DICHLOROPROPENE	U	.07	ug/L		110	6	68
CARBON TETRACHLORIDE	U	.14	ug/L		110	.5	85
BENZENE	U	.05	ug/L		100	4.8	75
1,2-DICHLOROETHANE	U	.06	ug/L		100	.29	95
TERT-AMYL METHYL ETHER	U	.5	ug/L		100	3.2	52
TRICHLOROETHENE	U	.05	ug/L		100	3.7	77
1,2-DICHLOROPROPANE	U	.12	ug/L		100	.05	76
METHYLMETHACRYLATE	U	1	ug/L		89	7.5	0
DIBROMOMETHANE	U	.09	ug/L		96	1.9	82
BROMODICHLOROMETHANE	U	.04	ug/L		100	1.1	81
2-CHLOROETHYLVINYL ETHER	U	.1	ug/L				
2-NITROPROPANE	U	1	ug/L		100	8.4	77
CHLOROACETONITRILE	U	10	ug/L				
CIS-1,3-DICHLOROPROPENE	U	.07	ug/L		98	1.3	56
4-METHYL-2-PENTANONE	U	.4	ug/L		78	10	N 42
1,1-DICHLORO-2-PROPANONE	U	1	ug/L		82	14	67
TOLUENE	U	.07	ug/L		100	.45	72
TRANS-1,3-DICHLOROPROPENE	U	.02	ug/L		95	.7	54
ETHYLMETHACRYLATE	U	1	ug/L		100	5.7	U 0
1,1,2-TRICHLOROETHANE	U	.03	ug/L		93	.61	74
TETRACHLOROETHENE	U	.11	ug/L		120	1.6	110
1,3-DICHLOROPROPANE	U	.07	ug/L		93	2.8	67
2-HEXANONE	U	.1	ug/L		84	10	N 26

BLANK - background Method Blank
DUP RPD - duplicate RPD for precision
MS REC SPIKE - Matrix Spike Recovery for accuracy (%)
[illegible] RPD - Matrix Spike Duplicate precision (%) (determined by base results)
[illegible] REC SPIKE - Laboratory Control Sample Recovery for Accuracy (%)

EAST BAY MUNICIPAL UTILITY DISTRICT
Laboratory Services Division
Phone (510) 287-1432 Fax (510) 465-5462
Batch QC Report
Report generated on: May 09 2001, 08:33 pm

Method Reference / Parameter	Qual	Blank	Samp_tag / Units	BatchPrepDate / Qual / Dup / RPD	AnalysisDate / Qual / MS / REC SPIKE	RunID / Qual / MSD / RPD	Worknum / Qual / LCS / REC SPIKE
DIBROMOCHLOROMETHANE	U	.06	ug/L		100	2.3	73
ETHYLENE DIBROMIDE	U	.1	ug/L		95	2.9	68
CHLOROBENZENE	U	.05	ug/L		100	4.3	81
1,1,1,2-TETRACHLOROETHANE	U	.03	ug/L		100	.61	84
ETHYL BENZENE	U	.08	ug/L		110	4.8	60
M+P XYLENES	U	.22	ug/L		120	7	61
O-XYLENE	U	.11	ug/L		120	8.1	52
STYRENE	U	.08	ug/L		120	2.9	N 48
BROMOFORM	U	.1	ug/L		100	5.3	79
ISOPROPYLBENZENE	U	.11	ug/L		120	3.1	N 49
BROMOBENZENE	U	.08	ug/L		100	2.6	69
TRANS-1,4-DICHLORO-2-BUTENE	U	1	ug/L		96	2.4	63
1,1,2,2-TETRACHLOROETHANE	U	.11	ug/L		88	1.1	68
1,2,3-TRICHLOROPROPANE	U	.08	ug/L		96	2.4	59
N-PROPYLBENZENE	U	.09	ug/L		120	6.2	52
O-CHLOROTOLUENE	U	.12	ug/L		120	7.6	57
P-CHLOROTOLUENE	U	.08	ug/L		120	4.5	56
1,3,5-TRIMETHYLBENZENE	U	.18	ug/L		120	3.4	N 48
TERT-BUTYLBENZENE	U	.08	ug/L		120	9.6	N 43
PENTACHLOROETHANE	U	.2	ug/L		100	1.4	N 40
1,2,4-TRIMETHYLBENZENE	U	.35	ug/L		130	6.9	N 45
SEC-BUTYLBENZENE	U	.1	ug/L		120	5.8	N 47
1,3-DICHLOROBENZENE	U	.06	ug/L		110	3.6	65
P-ISOPROPYLTOLUENE	U	.08	ug/L		120	.72	N 43
1,4-DICHLOROBENZENE	U	.04	ug/L		100	2.6	82
1,2-DICHLOROBENZENE	U	.05	ug/L		99	.07	73
N-BUTYLBENZENE	U	.1	ug/L		110	.29	54
BIS(2-CHLOROISOPROPYL)ETHER	U	.6	ug/L				
HEXACHLOROETHANE	U	1	ug/L		120	7.2	97
DIBROMOCHLOROPROPANE	U	.47	ug/L		78	8.3	78
NITROBENZENE	U	20	ug/L				
1,2,4-TRICHLOROBENZENE	U	.11	ug/L		110	1.6	69
HEXACHLOROBUTADIENE	U	.12	ug/L		110	2.1	100
NAPHTHALENE	U	.1	ug/L		100	12	50
1,2,3-TRICHLOROBENZENE	U	.11	ug/L		110	.96	74

BLANK - background Method Blank
DUP RPD - duplicate RPD for precision
MS REC SPIKE - Matrix Spike Recovery for accuracy (%)
MSD RPD - Matrix Spike Duplicate precision (%) (determined by base results)
LCS REC SPIKE - Laboratory Control Sample Recovery for Accuracy (%)

East Bay Municipal Utility District
Laboratory Services — Chain of Custody Record

Prelog or Login No.: L89317

Project Title
Desert Petoleum - DP793 GW 1 gw-lo
Account or Project: B941-0001-1

Client PM: MARIE KULKA
Tel No.: 287-1726
Lab PM: JACK C. LIM

Sampled by: c spencer
Rcvd: 19-APR-01 14:34
Sample Date: 19-APR-01

Lab No.	Sample TypeTime	Site	Locator	Sample Matrix	Container ID Barcode	Tests Required	Preservative	Date Initials	pH
L89317-1	GRAB 12:45	IW S	DP793 GW 1	WasteH2O	299188	VOA4A 624			
				WasteH2O	299189	VOA4A 624			
				WasteH2O	299190	VOA4A 624			
				WasteH2O		+REPORT			
ClientID:	Sample Comments:								
L89317-2	QCTB 12:45	~~MIsc~~ IWS	~~MIsc~~ DP793GW1	DrinkH2O	298136	VOA4A ~~624~~ 624 KGH			
ClientID:	Sample Comments: QCTB for L89317-1 ; Prep'd by TCBRAY on 16-apr-01								

Total containers received: 4 D 4-23-01

	Signature	Print Name	Time	Date
Relinquished by		Chris Spencer	1437	4/19/01
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by		K Klein	1434	19/Apr/01

Type Codes: CF01;CF02;CF03;CFV;COMP;CT01;CT02;CT03 CT04;CT05;CT06;CT07;CT08;CTV;GRAB

COPY

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 4-26-01 REASON FOR SITE VISIT Pump T1

TRENCH WELL T1					
TIME	PID	DTW	pH	TEMP	COND
12.30	—	2.25			
16.30		3.00			
17.30		3.25			

TRENCH WELL T2					
PID	DTW	pH	TEMP	COND	

TRENCH WELL T3				
PID	DTW	pH	TEMP	COND
	10.18			

TRENCH WELL T4				
PID	DTW	pH	TEMP	COND
	5.11			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	11.22			
RS2	000			
RS5	2.58	12.30	18.9	1246
RS6	11.92			
RS7	3.67			
RS8				

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	5.97			
RS10	2.45			
T1	12.52			
T2	14.76			
T3	8.76			

COMMENTS

ELECTRIC METER 13299

WATER METER 1180276.0 1179315.2

SAMPLE —

SITE MONITORED BY Broadway

WASTEWATER

	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 5 GALLONS/ 1 MINUTES GALLONS PURGED
T2 FLOW RATE GALLONS/ MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 8 PSI #2 PSI

FILTER INSPECTION AND COMMENTS —

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 manufacturer
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 manufacturer

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 5-3-01 REASON FOR SITE VISIT Weekly

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
0900		2.30			
		3.70			

TRENCH WELL T2

PID	DTW	pH	TEMP	COND

TRENCH WELL T3

PID	DTW	pH	TEMP	COND
	9.31			

TRENCH WELL T4

PID	DTW	pH	TEMP	COND
	CAR			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	11.96	0930		
RS2	16.19			
RS5	20.38		16.28	
RS6	4.36			
RS7	3.36			
RS8	3.89			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	6.14			
RS10	2.38			
#2	12.67			
#1	15.62			
#3	2.15			

COMMENTS

ELECTRIC METER 13442

WATER METER 1181423.5
1180534.5

SAMPLED

SITE MOWED BY Broadway

WASTEWATER

	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 5 GALLONS/ 1 MINUTES GALLONS PURGED 1089.0
T2 FLOW RATE ___ GALLONS/ ___ MINUTES GALLONS PURGED ___

PRESSURE WATER CARBONS #1 ___ PSI #2 ___ PSI

FILTER INSPECTION AND COMMENTS OK

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK Tall weeds

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

DATE 5-16-01 REASON FOR SITE VISIT Pump T1 & monitor

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
1000		2.29			
1400		3.09			

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

WELL	DTW	TIME	DTW	TIME
MW1	11.28			
RS2	4.40			
RS5	13.53			
RS6	13.38			
RS7	2.03			
RS8	6.24			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	5.43			
RS10	9.98			
R1	11.86			
R2	13.04			
R3	2.56			

COMMENTS Used weed eater on weeds - containment tarp needs replaced due to squirel damage

ELECTRIC METER 13548 WATER METER 1189899.1

SAMPLES SITE MONITORED BY Broadway

	WASTEWATER INFLUENT	WASTEWATER EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 4.5 GALLONS/ 1 MINUTES GALLONS PURGED
T2 FLOW RATE ___ GALLONS/ ___ MINUTES GALLONS PURGED

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

FILTER INSPECTION AND COMMENTS

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 PRE TREATMENT, SEDIMENT SETTLING TANK AND 2 IN SERIES CARBON WATER SCRUB UNITS
PEAK HOURLY DISCHARGE 2 GPM DAILY 2000 GALLONS

DATE 5-24-01 REASON FOR SITE VISIT Pump Trench

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
0900		2.13			
1200		8.21			

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

WELL	DTW	TIME	DTW	TIME
MW1	4.48			
RS2	4.84			
RS5	21.71		19.94	
RS6	13.06			
RS7	9.53			
RS8	7.52			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	6.63			
RS10	2.52			
R1	15.73			
R2	13.19			
R3	7.78			

COMMENTS

ELECTRIC METER 13692

WATER METER 1198018.4
1197065.0

SAMPLES None

SITE MONITORED BY BROADWAY

WASTEWATER

	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOW RATE 4 GALLONS/ 1 MINUTES GALLONS PURGED
T2 FLOW RATE GALLONS/ MINUTES GALLONS PURGED

PRESSURE WATER CARBONS #1 1.0 PSI #2 PSI

FILTER INSPECTION AND COMMENTS —

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 5M03550 I

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

DATE 5-31-01

REASON FOR SITE VISIT Pump & 1/4 lg

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
0905		2.3			
1230		3.09			

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

WELL	DTW	TIME	DTW	TIME
MW1	11.38	0905		
RS2	10.09			
RS5	22.96		15.91	
RS6	12.96			
RS7	4.01			
RS8	6.23			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	6.67			
RS10	4.93			
R1	15.97			
R2	13.38			
R4	10.61			

COMMENTS CoO Inspector Jorge Ramos Looking for Owner wants the lot cleaned and Building Repaired & painted

ELECTRIC METER 13822

WATER METER 1199647.3
1198878.6

SAMPLES 1/4 lg

SITE MONITORED BY Broadway

WASTEWATER

	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOWRATE ___ GALLONS/___ MINUTES
T2 FLOWRATE ___ GALLONS/___ MINUTES

GALLONS PURGED _____
GALLONS PURGED _____

PRESSURE WATER CARBONS #1 1.1 PSI #2 ___ PSI

FILTER INSPECTION AND COMMENTS _____

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS OK could use new liner on containment

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 DF 793

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

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

DATE 6-6-01 REASON FOR SITE VISIT weekly on T1

TRENCH WELL T1

TIME	PID	DTW	pH	TEMP	COND
		2.32			

TRENCH WELL T2

PID	DTW	pH	TEMP	COND
	TRUCK			

TRENCH WELL T3

PID	DTW	pH	TEMP	COND
	CAR			

TRENCH WELL T4

PID	DTW	pH	TEMP	COND
	CAR			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
MW1	11.91			
RS7	10.43			
RS5	24.91		19.02	
RS6	13.31			
RS7	7.98			
RS8	6.18			

DEPTH TO WATER

WELL	DTW	TIME	DTW	TIME
RS9	7.06			
RS10	4.83			
R1	4.93			
R2	13.14			
R3	10.21			

COMMENTS Pump is down to 3.5 gpm flow

ELECTRIC METER 13852 WATER METER 1204219.2 1203386.1

SAMPLED _____ SITE MODIFIED BY Broadway

WASTEWATER	INFLUENT	EFFLUENT
TIME		
pH		
Conductivity		
Temperature		
PID		

WATER TREATMENT

T1 FLOWRATE 3.5 GALLONS/ 1 MINUTES GALLONS PURGED _____
T2 FLOWRATE ___ GALLONS/ ___ MINUTES GALLONS PURGED _____

PRESSURE WATER CARBONS #1 1.2 PSI #2 ____ PSI

FILTER INSPECTION AND COMMENTS _____

WATER PHASE CARBON UNITS INSPECTION COMMENTS OK

CONDITION OF COMPOUND COMMENTS Dry w/weeds

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

APPENDIX C.

LABORATORY REPORTS

KIFF ANALYTICAL LLC

Report Number : 20014
Date : 4/30/01

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

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

Dear Mr. Converse,

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

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

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 20014
Date : 4/30/01

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

Sample : **SEWER DISCHARGE** Matrix : Water Lab Number : 20014-01
Sample Date :4/19/01

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/23/01
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	4/23/01
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	4/23/01
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	4/23/01
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	4/23/01
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	4/23/01
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	4/23/01
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	4/23/01

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. 20014 Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Manager: George Converse	Phone No.: 530 668 5300
Company/Address: Wege 1586 E. Beamer Woodland 95776	FAX No.: 530 662 0273
Project Number: DP793 / P.O. No.:	Email Address: wegecrother.com ☒.pdf ☐.xls ☐.doc ☐other
Project Name/Location: DP793 Park Blvd Oakland	Sampler Signature:

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount) 40 ml VOA	Container (Type/Amount) SLEEVE	Method Preserved HCl	Method Preserved HNO_3	Method Preserved ICE	Method Preserved 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
Sewer Discharge	4/19/01	1245	2		✓				✓					✓											-01

	Date	Time		
Relinquished by: [signature]	4/20/01	1500	Received by: [signature]	Remarks:
Relinquished by: [signature]	4/20/01	1725	Received by:	
Relinquished by:	042001	1725	Received by Laboratory: [signature] KIFF ANALYTICAL	Bill to:

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

COC.fh8 (5/00)

KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

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

Subject : 12 Water Samples
Project Name : DP793 PARK BLVD OAKLAND
Project Number :

Dear Mr. Converse,

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

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

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **MW1** Matrix : Water Lab Number : 20504-01
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	90.8		% Recovery	EPA 8260B	6/9/2001

Sample : **RS2** Matrix : Water Lab Number : 20504-02
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	99.7		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	92.5		% Recovery	EPA 8260B	6/9/2001

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **RS5** Matrix : Water Lab Number : 20504-03
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**26**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**11**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**38**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**470**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**7500**	500	ug/L	EPA 8260B	6/13/2001
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	6/9/2001

Sample : **RS6** Matrix : Water Lab Number : 20504-04
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/13/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**630**	50	ug/L	EPA 8260B	6/13/2001
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	6/9/2001

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **RS7** Matrix : Water Lab Number : 20504-05
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1900**	10	ug/L	EPA 8260B	6/9/2001
Toluene	**120**	10	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**320**	10	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**620**	10	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 100**	100	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**10000**	1000	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	96.6		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	6/9/2001

Sample : **RS8** Matrix : Water Lab Number : 20504-06
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**11**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**29**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**4.2**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**31**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**730**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	96.0		% Recovery	EPA 8260B	6/9/2001

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **RS9** Matrix : Water Lab Number : 20504-07
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**96**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**6.0**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**6.2**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**9.1**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**5.5**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**510**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	6/9/2001

Sample : **RS10** Matrix : Water Lab Number : 20504-08
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**1.5**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**5.0**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**210**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	91.9		% Recovery	EPA 8260B	6/9/2001

Approved By: Joel Kiff

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KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **R1** Matrix : Water Lab Number : 20504-09
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**400**	2.0	ug/L	EPA 8260B	6/7/2001
Toluene	**16**	0.50	ug/L	EPA 8260B	6/6/2001
Ethylbenzene	**470**	2.0	ug/L	EPA 8260B	6/7/2001
Total Xylenes	**67**	0.50	ug/L	EPA 8260B	6/6/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/6/2001
TPH as Gasoline	**3800**	200	ug/L	EPA 8260B	6/7/2001
Toluene - d8 (Surr)	98.3		% Recovery	EPA 8260B	6/6/2001
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	6/6/2001

Sample : **R2** Matrix : Water Lab Number : 20504-10
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**580**	2.5	ug/L	EPA 8260B	6/9/2001
Toluene	**12**	2.5	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**72**	2.5	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**100**	2.5	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 25**	25	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**2200**	250	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	93.9		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	99.9		% Recovery	EPA 8260B	6/9/2001

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KIFF ANALYTICAL LLC

Report Number : 20504
Date : 6/14/2001

Project Name : **DP793 PARK BLVD OAKLAND**
Project Number :

Sample : **R3** Matrix : Water Lab Number : 20504-11
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/9/2001
Methyl-t-butyl ether (MTBE)	**< 5.0**	5.0	ug/L	EPA 8260B	6/9/2001
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/9/2001
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	6/9/2001
4-Bromofluorobenzene (Surr)	91.8		% Recovery	EPA 8260B	6/9/2001

Sample : **T1** Matrix : Water Lab Number : 20504-12
Sample Date :5/31/2001

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**940**	5.0	ug/L	EPA 8260B	6/12/2001
Toluene	**210**	5.0	ug/L	EPA 8260B	6/12/2001
Ethylbenzene	**340**	5.0	ug/L	EPA 8260B	6/12/2001
Total Xylenes	**1500**	5.0	ug/L	EPA 8260B	6/12/2001
Methyl-t-butyl ether (MTBE)	**< 50**	50	ug/L	EPA 8260B	6/12/2001
TPH as Gasoline	**8900**	500	ug/L	EPA 8260B	6/12/2001
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/12/2001
4-Bromofluorobenzene (Surr)	108		% Recovery	EPA 8260B	6/12/2001

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. 20504 Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Manager: George Conversa	Phone No.: 530 668 5300
Company/Address: WEGE Woodland 1396 E. Beamer CA 95776	FAX No.:
Project Number:	P.O. No.:
Email Address: [illegible]	☒.pdf ☐.xls ☐.doc ☐other
Project Name/Location: OP793 Park Blvd Oakland	Sampler Signature: [signature]

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount): 40 ml VOA	Container (Type/Amount): SLEEVE	Method Preserved: HCl	Method Preserved: HNO_3	Method Preserved: ICE	Method Preserved: 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) WET (X)				TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
MW1	5/31/01	928																								-01			3 VOA BROKEN
RS2		944																											-02
RS5		750																											-03
RS6		1003																											-04
RS7		1113																											-05
RS8		1051																											-06
RS9		1039																											-07
RS10		1102																											-08
R1		1022																											-09
R2		1010																											-10

	Date	Time		
Relinquished by: [signature]	5/31/01	1545	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by:	Date 5/31/01	Time 1545	Received by Laboratory: Monica Jb / Kiff Analytical	Bill to:

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

COC.fm8 (5/00)

KIFF ANALYTICAL LLC

720 Olive Drive, Suite D
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4803

Lab No. 20504 Page 2 of 2

Chain-of-Custody Record and Analysis Request

Project Manager: George Converse	Phone No.: 530 668 5300
Company/Address: WEGE	FAX No.:
Project Number:	P.O. No.:
Email Address: ☐.pdf ☐.xls ☐.doc ☐other	
Project Name/Location: OP 793 Park Oakland	Sampler Signature:

Sample Designation	Sampling Date	Sampling Time	Container (Type/Amount): 40 ml VOA	Container (Type/Amount): SLEEVE	Container (Type/Amount):	Container (Type/Amount):	Container (Type/Amount):	Container (Type/Amount):	Method Preserved: HCl	Method Preserved: HNO_3	Method Preserved: ICE	Method Preserved: NONE	Matrix: WATER	Matrix: SOIL	Matrix:	Analysis Request: BTEX (8021B)	Analysis Request: BTEX/TPH Gas/MTBE (8021B/8015)	Analysis Request: TPH as Diesel (M8015)	Analysis Request: TPH as Motor Oil (M8015)	Analysis Request: TPH Gas/BTEX/MTBE (8260B)	Analysis Request: 5 Oxygenates/TPH Gas/BTEX (8260B)	Analysis Request: 7 Oxygenates/TPH Gas/BTEX (8260B)	Analysis Request: 5 Oxygenates (8260B)	Analysis Request: 7 Oxygenates (8260B)	Analysis Request: Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	Analysis Request: EPA 8260B (Full List)	Analysis Request: Volatile Halocarbons (EPA 8260B)	Analysis Request: Lead (7421/239.2)	Analysis Request: TOTAL (X) W.E.T. (X)	Analysis Request:	Analysis Request:	Analysis Request:	TAT: 12 hr/24 hr/48 hr/72 hr/1 wk	For Lab Use Only
R3	5/31/01	1028	1						1					1			1																1	-11
T1	"	1226	1						1					1			1																1	-12

Relinquished by:	Date: 5/31/01	Time: 1545	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date: 5/31/01	Time: 1545	Received by Laboratory: Master file / Kiff Analytical

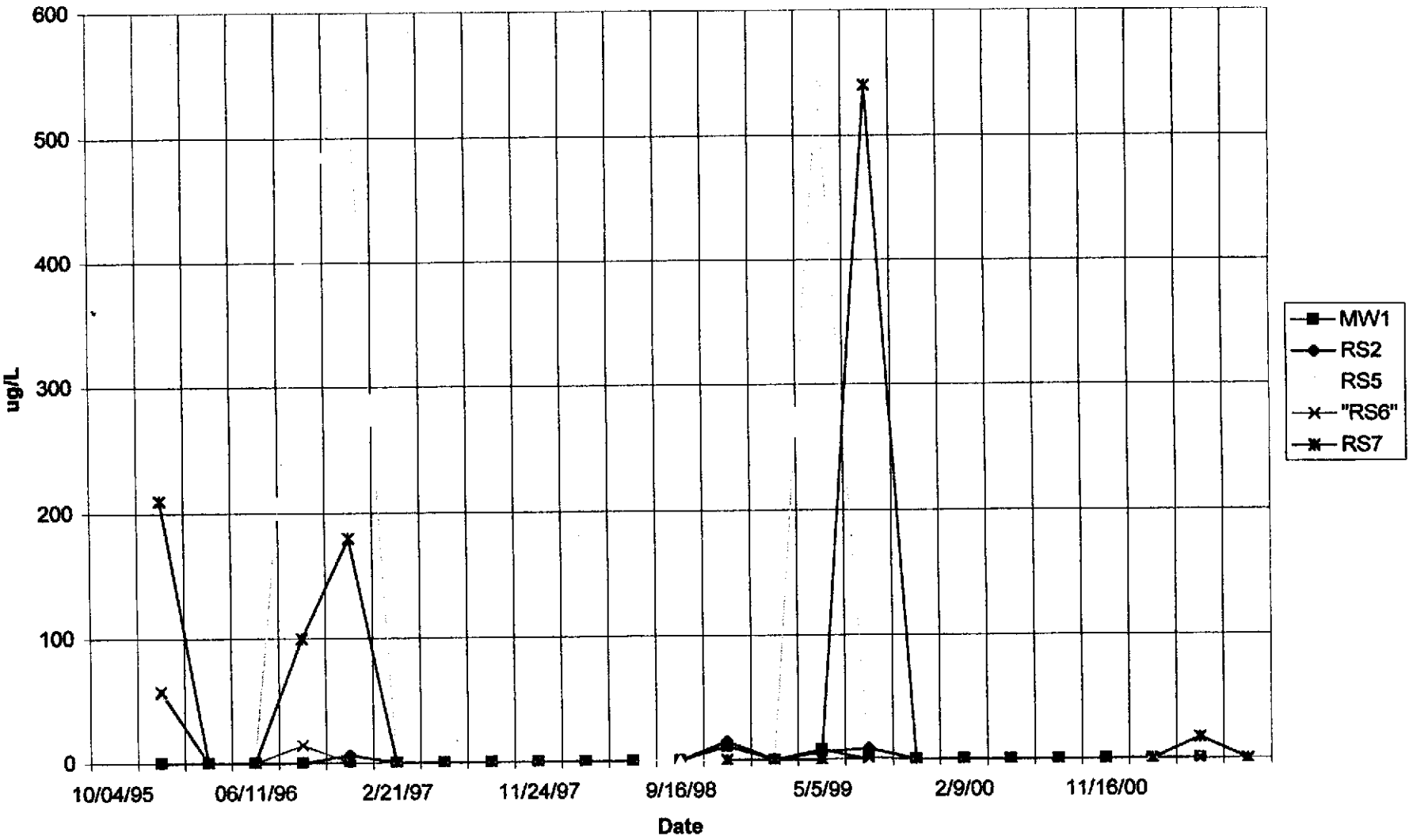
Remarks:

Bill to:

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

COC.fhb (5/00)

MTBE IN WELLS



APPENDIX E.
USF/WESTATES SPENT CARBON PROFILE FORM

-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@mother.com

FROM: George Converse DATE: May 21, 2001

TO: Keith Jones FAX #: (510) 639-7762

TOTAL PAGES
INCLUDING THIS PAGE
6 4

COMMENTS: Keith,
The ~~DPT93~~ DPT93 Carbon profile forms

USF/Westates

PARKER FACILITY
2523 Mutahar Street • P.O. Box E
Parker, AZ 85344
(520) 669-5758 • FAX (520) 669-5775
EPA ID: AZD 982 441 263

RED BLUFF FACILITY
11711 Reading Road • P.O. Box 130
Red Bluff, CA 96080
(530) 527-2664 • FAX (530) 527-0544
EPA ID: CAD 982 501 082

SPENT CARBON PROFILE FORM

GENERATOR INFORMATION

1. a) Generator: Desert Petroleum Inc.
   Mailing Address: P.O. Box 11601, Oxnard, CA 93032
   b) Site: DP 793
   Address: 4035 Park Blvd. Oakland, CA
   c) Contact Name: John Retherford
   d) EPA ID#: CAD00005069
   e) Phone No: (805) 654-8084 ext 202
   f) Fax No: (805) 654-0720

CONSULTANT INFORMATION

2. a) Consultant: Western Geo-Engineers
   b) Contact: George Conrad
   c) Phone No: (530) 668-5300
   d) Fax No: (530) 662-0273

PROPERTIES AND COMPOSTION OF THE SPENT CARBON

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

Groundwater pollution control "gasoline UST" prior to discharge to EBMUD sanitary sewer.

4. Type of Spent Carbon: ☒ Aqueous ☐ Vapor ☐ Impregnated
5. Foreign Material: ☐ Yes ☒ No
6. Handling: ☐ Bulk ☒ Drum ☐ Adsorber ☐ Bulk Bag ☐ Other _____
7. Free Liquid Range: ☐ 0 ☒ 1 – 15%
8. Liquid Flashpoint: ☐ < 140°F ☒ >140°F ☐ N/A Vapor
9. pH Range: ☐ <2 ☐ 2-4 ☒ 4.1-10.5 ☐ >10.5
10. Is Spent Carbon Generated at a Subpart FF Facility? ☐ Yes ☒ No
    a) If yes, total benzene analysis is also required.
11. Strong Odor? ☐ Yes ☒ No If yes, please describe _____
12. **DOES THE SPENT CARBON CONTAIN ANY OF THE FOLLOWING**

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

U.S.FILTER

UNITED STATES FILTER CORPORATION

WESTATES LABORATORY
5375 SOUTH BOYLE AVENUE
LOS ANGELES, CA 90058

TELEPHONE 323-277-3033
FACSIMILE 323-277-3080

ANALYTICAL REPORT

Customer : Desert Petroleum	Lab I.D. #: 11475
OE # : 11764 OA	Date Reported: 12/10/00
Address: 4035 Park Blvd Oakland , CA	Date Sampled: 12/03/00
	Date Received: 12/08/00
WES Contact : Oakland sales	Date Analyzed: 12/03/00
Sampler: Sam Yearby	Date Extracted: 12/08/00

EPA METHOD 1311 AND 8260
VOLATILE ORGANIC COMPOUNDS

Compound	cas #	Concentration (mg/L) ppm in TCLP extract	Limit of detection (mg/L)	TCLP limits (mg/L)
Vinyl Chloride	75-01-4	<0.03	0.03	0.2
1,1-Dichlorpethene	75-35-4	<0.005	0.005	0.7
Chloroform	67-66-3	<0.005	0.005	6.0
1,2-Dichlorbethane	107-06-2	<0.005	0.005	0.5
Methyl Ethyl Ketone	78-93-3	<0.50	0.50	200
Carbon Tetrachloride	56-23-5	<0.01	0.010	0.5
Trichloroethene	79-01-6	<0.005	0.005	0.5
Benzene	71-43-2	0.14	0.005	0.5
Tetrachloroethene	127-18-4	<0.005	0.005	0.7
Chlorobenzene	108-90-7	<0.005	0.005	100

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

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

Respectfully submitted,

James R. Graham, Ph.D./Technical Director

GENERATOR CLASSIFICATION

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

_____ _____ _____ _____

_____ _____ _____ _____

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

_____ _____ _____ _____

_____ _____ _____ _____

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

16. If this is a Renewal, Provide the Existing Profile Approval Number: _____

17. Estimated Annual Carbon Usage: 1000 lbs

GENERATOR CERTIFICATION

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

George Converse
Printed Name

Project Geologist
Title

George Converse
Signature

5-21-01
Date

Make a copy of this form for your records. Submit the profile form and analytical reports via mail or facsimile to:

Deborah Foster
USF/Westates
2523 Mutahar St., P.O. Box E
Parker, AZ 85344
(520) 669-5758, Ext. 12
(520) 669-5775 Fax

For Internal Use Only:

_____
Profile Approval Number

_____
Valid Through