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WESTERN
GEO-ENGINEERS
CALIF. CONTRACTOR #513857
REGISTERED GEOLOGISTS

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January 26, 2005

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

Dear Mr. Thompson:

The following report documents the water sample obtained from the drainage sump at 3976 Greenwood Avenue, Oakland, California.

COLLECTION AND CERTIFIED ANALYSES OF GROUNDWATER SAMPLES

A Western Geo-Engineers (WEGE) geologist working directly under California Registered Geologist #3036 collected water samples from the drainage sump at 3976 Greenwood Avenue, Oakland, California on January 6, 2005, see Figure 1. Three 40ml VOA vials containing 0.5 ml HCl acid, as a preservative, were filled with no headspace. Digital pictures were obtained of the drainage sump at that time, see Appendix A.

The samples were delivered with accompanying chain of custody documentation to KIFF Analytical LLC (DHS certified #2236) to be analyzed for TPH-G, BTEX, and MTBE using EPA methods 8260B. Toluene was the only analyte that tested above the laboratory lower detection limit of 0.5 ug/L, see Appendix B.

Toluene

Toluene was detected at 0.62 ug/L for the water samples obtained from the sump. The recommended California Public Health Goal (CPHG) for toluene is 150 ug/L.

Uses of Toluene:
Toluene also known as methylbenzene and phenylmethane is the 27th highest volume chemical produced in the US. Toluene is used in gasoline, as a solvent for paints and coatings, gums, resins, most oils, rubber, vinyl organosols; diluent and thinner in nitrocellulose lacquers; adhesive solvent in plastic toys and model airplanes; chemicals (benzoic acid, benzyl and benzoyl derivatives, saccharin, medicines, dyes, perfumes); source of toluenediisocyanates (polyurethane resins); explosives (TNT); toluene sulfonates (detergents); scintillation counters (*reference: Sax, N. Irving & Lewis, Richard J. SR., Hawley's Condensed Chemical Dictionary, Eleventh Edition, page 1163*).

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.

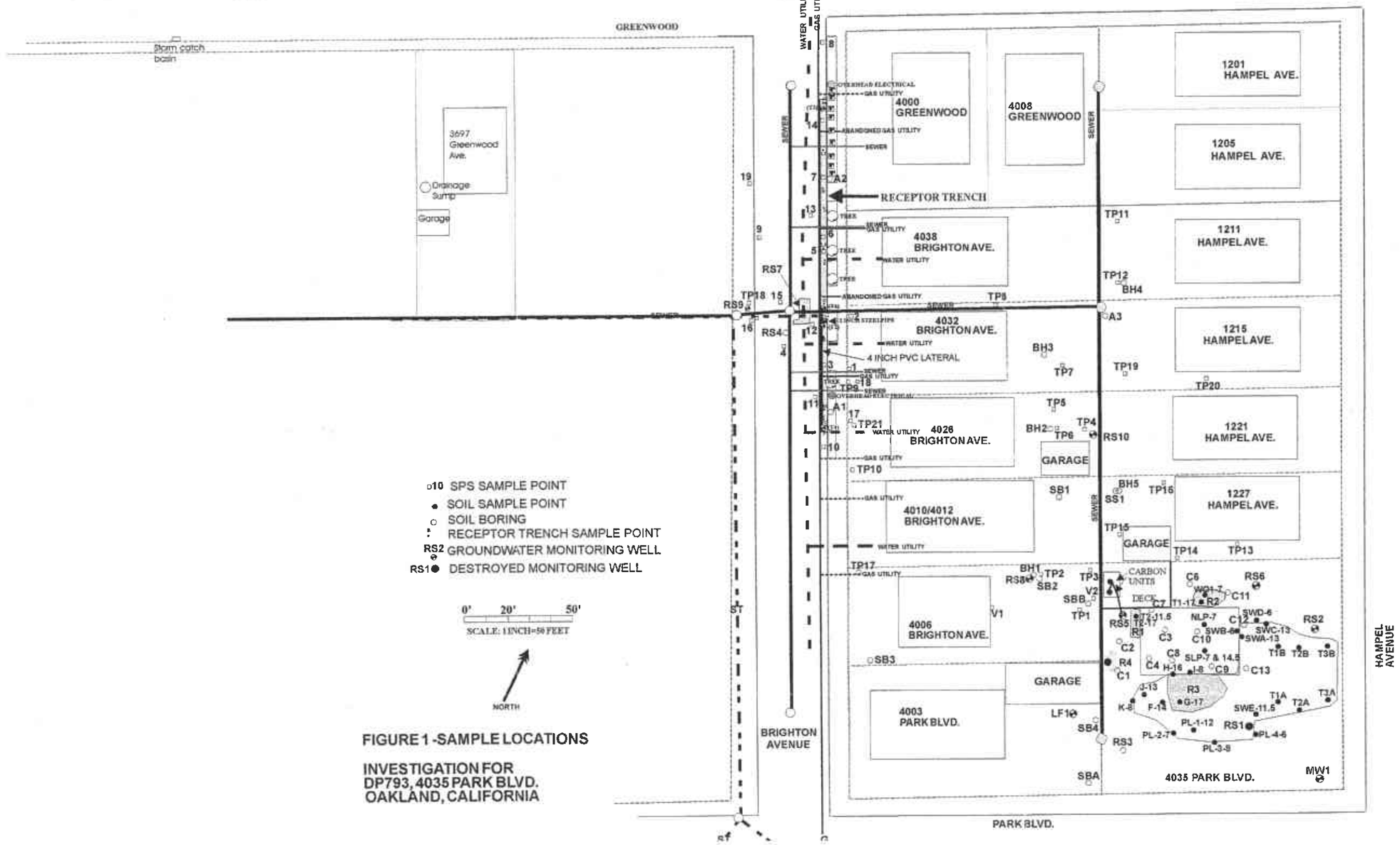
Sincerely,

George Converse
Geologist

REGISTERED GEOLOGIST
JACK E. NAPPER
No. 3037
STATE OF CALIFORNIA

Jack E. Napper
Ca. Reg. Geologist #3037

cc: Mr. Robert Schultz, Alameda County Health (510) 567-6719
Mr. Leroy Griffin, Oakland Fire Dept.
Ms. Karen Eng, 3979 Greenwood Ave. (510) 832-5200



● SPS SAMPLE POINT
● SOIL SAMPLE POINT
○ SOIL BORING
: RECEPTOR TRENCH SAMPLE POINT
RS2 GROUNDWATER MONITORING WELL
RS1 DESTROYED MONITORING WELL

0' 20' 50'
SCALE: 1INCH=50 FEET

NORTH

FIGURE 1 -SAMPLE LOCATIONS

INVESTIGATION FOR
DP793, 4035 PARK BLVD.
OAKLAND, CALIFORNIA

APPENDIX A

DIGITAL PICTURES

DEWATERING SUMP
3976 GREENWOOD AVENUE
OAKLAND, CA. 94602

SUMP LOOKING NORTH TO GREENWOOD

SUMP LOOKING SOUTH

SUMP WITH PUMP AND INFLOW PIPE

APPENDIX B

LABORATORY REPORT

KIFF ANALYTICAL LLC

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

Lab No. _____ Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): George Comeau

Company/Address: ACE
1386 E Beamer St. Woodland

Phone No.: 530 668 5200 FAX No.:

Project Number: DP793 P.O. No:

Project Name: DP793 Sump @ 3697 Cornwall

Project Address: Parkland

California EDF Report? ☐ Yes ☒ No

Recommended but not mandatory to complete this section:

Sampling Company Log Code: - - -

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

EDF Deliverable To (Email Address):

Sampler Signature: [signature]

Sample Designation	Sampling		Container					Preservative					Matrix			Analysis Request																		TAT	For Lab Use Only
	Date	Time	40 ml VOA	SLEEVE				HCl	HNO_3	ICE	NONE		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)					12 hr/24 hr/48 hr/72 hr/1 wk	
3697	1-6-09	1115	3					✓					✓							✓															

	Date	Time		
Relinquished by: [signature]	1-6-09	1430	Received by:	Remarks:
Relinquished by:			Received by:	
Relinquished by:	1/6/09	1132	Received by Laboratory: [signature] KIFF Analytical	Bill to: ACE

Distribution: White - Lab, Pink - Originator

Forms/coc 121001.fh9