

# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants  
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111  
Tel: (408) 297-1500 Fax: (408) 292-2116

ENVIRONMENTAL  
PROTECTION  
DO APR 24 PM 4:25

April 20, 2000

**Mr. Don Hwang**

Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection (LOP)  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

## **REGARDING: FREEWAY STATION & SERVICE PROPERTY**

Located at 2740 98<sup>th</sup> Avenue, in  
Oakland, California

Dear Mr. Hwang:

Enclosed is a copy of ESTC's reports "Soil Sampling, Treatment & Disposal of Contaminated Stockpiled Soil" (for stockpiled soil) and "Interim Corrective Action" (for the over-excavation) for your review, comments and site closure.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

**ENVIRO SOIL TECH CONSULTANTS**

FRANK HAMEDI-FARD  
GENERAL MANAGER

cc: Ms. Malijeh Faraji

**INTERIM CORRECTIVE ACTION  
FOR THE PROPERTY  
LOCATED AT 2740 98<sup>th</sup> AVENUE  
OAKLAND, CALIFORNIA  
APRIL 18, 2000**

**PREPARED FOR:  
MS. MALIHEH FARAJI  
2000 STRATTON ROAD  
WALNUT CREEK, CALIFORNIA 94598**

**BY:  
ENVIRO SOIL TECH CONSULTANTS  
131 TULLY ROAD  
SAN JOSE, CALIFORNIA 95111**

**ENVIRO SOIL TECH CONSULTANTS**

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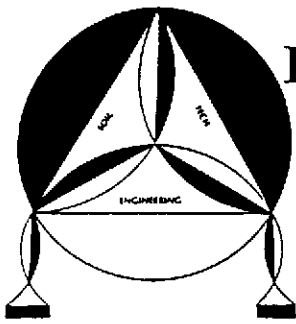
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PRIORITY ENVIRONMENTAL LABS REPORT & CHAIN-OF-CUSTODY (1/17/00)	



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

April 18, 2000

File No. 7-93-556-SI

**Ms. Maliheh Faraji**  
2000 Stratton Road  
Walnut Creek, California 94598

**SUBJECT: INTERIM CORRECTIVE ACTION  
FOR THE PROPERTY**

Located at 2740 98<sup>th</sup> Avenue, in  
Oakland, California

Dear Ms. Faraji:

This report summarizes the activities for interim corrective action for the subject property located at 2740 98<sup>th</sup> Avenue, in Oakland, California (Figure 1)

The following report describes remedial excavation activities and analytical results for soil samples collected from the tank cavity after over-excavation and stockpiled soil sampling.

**BACKGROUND:**

There are four underground storage tanks located on the subject property. A Phase I Environmental Site Assessment for the subject site was conducted by Northwest

Envirocon, Inc. (NE) of Sacramento. Details of the said site assessment is described in a report, dated July 22, 1992, prepared by Northwest Envirocon, Inc. According to NE's report, the building on-site is 26 years old. It has probably been used as an automobile service station since 1966. Based on information obtained from NE's report, there are two 10,000 gallon tanks and one 5,000 gallon tank used for the storage of gasoline, and one 500 gallon tank used for the storage of waste oil.

According to the same report, the three gasoline storage tanks were installed in July of 1975 and are constructed of fiberglass. The reason new fiberglass tanks were installed is not known. The waste oil tank is constructed of metal. An installation date for this tank could not be confirmed. These tanks are tested yearly for tightness by American River Testing of Sacramento. Tightness refers to a precision test which determines the integrity of the tank. This test is required annually by the State of California.

According to NE's report, in May of 1989, there was an accidental spill of an unknown quantity of waste oil during removal of waste oil by Evergreen Environmental Services. The waste oil drained into the exposed soil, leached onto/into a collection pipe that emptied into Stanley Avenue and drained down Stanley Avenue approximately fifty feet. In response to this spill, the following actions were taken: The waste oil was removed by U.S. Waste Oil Group, and three top soil samples were sent to Brown and Caldwell Laboratories for Total Oil & Grease (TOG) analysis. Three grab soil samples were taken at the Stanley Street fence line and were composited into one sample. Composite soil result showed TOG concentration to be 170 milligrams per kilogram (mg/Kg). No further remediation was performed for this spill.

On June 18, 1993, E&G Construction removed the product pipeline and conducted soil sampling in the pipeline trenches. Eight soil samples were collected from a depth of approximately 3.5 feet below grade, under the supervision of Alameda County Health Department inspector, Mr. Ron Owcarz. Five of the shallow soil samples detected elevated levels of Total Petroleum Hydrocarbons as gasoline (TPHg) ranging from 310 mg/Kg to a maximum of 2,900 mg/Kg. E&G Construction excavated additional soil from three locations (1, 4 and 5) where TPHg levels were 550 mg/Kg; 1,900 mg/Kg and 2,900 mg/Kg, respectively, to a depth of approximately 12 to 13 feet below grade. Three confirmation soil samples (A-1, B-1 and C-1) were collected on July 1 and 2, 1993. Two of the three soil samples detected no TPHg, and one sample detected TPHg level of 15 mg/Kg. The lateral extent of TPHg contamination or impact to groundwater was not evaluated at that time.

Alameda County Health Care Services Agency (ACHCSA) requested a preliminary site assessment in a letter, dated September 1, 1993. However, in a letter dated October 5, 1993, ACHCSA agreed to conduct 4 exploratory soil borings in the vicinity of the contaminated areas and to collect one grab water sample to assess whether the groundwater has been impacted.

Soil Tech Engineering, Inc. (STE) was retained to conduct a preliminary site assessment near the product line excavation area. In March 1994, four soil borings were drilled near the product line area. Groundwater was encountered between 6 to 12 feet below grade. A total of ten soil samples were collected from the four borings, and one water sample was collected from boring 1. The water sample detected low to moderate

elevated levels of Total Petroleum Hydrocarbons as gasoline (TPHg) and BTEX. Five out of ten soil samples also detected low to elevated levels of TPHg. The details of the soil investigation is described in STE's report dated April 21, 1994, titled "Preliminary Site Assessment at Freeway Station and Service Property".

Since elevated concentrations of TPHg and Benzene were detected in the groundwater samples collected from boring 1, further investigation was requested by the Alameda County Health Care Services Agency (ACHCSA) in a letter dated July 8, 1994.

STE was retained by Mr. Ghofrani to conduct further investigation as requested by ACHCSA. A work plan, dated December 5, 1994, was prepared describing the scope of work which included drilling and installation of three shallow monitoring wells (STMW-1 to STMW-3), well development, soil & water sampling, laboratory analysis and preparation of a technical report. Drilling and installation of three wells (STMW-1 to STMW-3) was conducted in February 1995. Soil results from the borings detected TPHg and BTEX below laboratory detection limit. Levels of TPHg and BTEX were also below laboratory detection limit in the water samples. STE's report dated March 8, 1995, describes the details of the environmental site assessment.

In June 13, 1995, letter from Alameda County Health Care Services Agency (ACHCSA) requested additional investigation and continuation of quarterly groundwater monitoring and sampling for the existing monitoring wells.

STE continued to monitor and sample the existing monitoring wells for two more quarters. The quarterly groundwater monitoring and sampling of the wells are described in August 2, 1995 and October 24, 1995, reports entitled "Quarterly Groundwater Monitoring and Sampling at the Property".



A work plan, dated November 3, 1995, was prepared describing the scope of work which included drilling and installation of additional three shallow monitoring wells (STMW-4 to STMW-6), well development, soil & water sampling, laboratory analysis and preparation of a technical report.

On January 31, 1996, STE's staff monitored the four on-site wells to measure water depth and check for the presence of sheen and/or odor. There was no water in wells STMW-2 and STMW-3. No sheen or odor was noted in the other two wells (STMW-1 and W-4). Table 1 summarizes the depth to groundwater measurements and observations made. The details of the quarterly groundwater monitoring and sampling of the existing wells are described in STE's report dated March 8, 1996.

In July 10, 1996, letter from ACHCSA approved STE's work plan dated November 3, 1995. In the same letter, the Agency also requested quarterly groundwater sampling be conducted in conjunction with the new proposed sampling of the new wells.

Drilling and installation of three additional wells (STMW-4 to STMW-6) was conducted in August 7, 8 and 12, 1996, after obtaining necessary permit from Alameda County Zone 7. Soil results from the borings detected TPHg and BTEX below laboratory detection limit. Water samples detected low levels of TPHg and BTEX in two out of five wells. STE's report dated October 3, 1996, describes the details of the additional subsurface investigation.

Upto date, STE has conducted two more quarterly sampling of the existing and new monitoring wells. The details of these quarterly samplings are described in STE's reports dated December 26, 1996 and May 5, 1997. Per the request of Alameda County Health Care Services Agency (ACHCSA), the case was closed.

On November 18, 1998, prior to waste oil tank removal, approximately 470 gallon of oily water were pumped dry by Clearwater Environmental, and the liquid waste was transported under a Uniform Hazardous Waste Manifest by Clearwater Environmental for proper disposal.

On November 19, 1998 after the 550 gallon waste oil tank was excavated and removed by Alpha Geo Services (AGS), Enviro Soil Tech Consultants (ESTC) field engineer collected five soil samples from the bottom and sidewall of the excavation. In addition, three soil samples were taken from the stockpile which were composited into one sample in the laboratory. The soil samples from the sidewall of the excavation were labeled as S-1, S-2, S-3 and S-4. The soil samples from the bottom of excavation was labeled as B-1, and the samples from the stockpile was labeled as SP-1, SP-2 and SP-3. The approximate locations of soil samples are shown on Figure 2, and Table 1 summarizes the soil sample observation and analytical results.

Soil samples were collected in a clean tube with the aid of hand sampler by moving aside slough materials and retrieving native materials from the specified and measured depth. Approximately two feet of soil was removed from the bottom and sidewall of the excavation by backhoe bucket, and a clean two-inch diameter brass tube sampler was driven into the soil. Immediately upon soil sampling, the tube ends were covered with aluminum foil and plastic caps, sealed, labeled and placed in a cold ice chest for transport to Priority Environmental Labs, in Milpitas, with a proper chain-of-custody.

### **FIELD ACTIVITIES:**

The primary objective of the remedial activities for the site was to excavate contaminated soil in the vicinity of former waste oil tank area to practical extent (Figure 2). This objective was based on the results of initial soil samplings.

~~The remedial activities were conducted on November 19, 1998 and March 10, 2000, which included the excavation of approximately 100 cubic yards of contaminated soil from the former waste oil tank area.~~ The excavated soil were placed on the paved area and covered with visquine for further remediation and proper disposal.

### **SOIL SAMPLING PROCEDURES:**

Confirmation soil samples were collected from sidewalls and bottom of excavation in clean brass tubes, using a hand auger. After collecting the desired soil samples, the soil sample tubes were capped and sealed. The samples were then labeled and directly placed into a chilled cooler under strict chain-of-custody protocol. Collected soil samples were submitted to a state-certified laboratory for analyses.

On March 11, 2000, ESTC collected five discrete soil samples from the sidewalls and bottom of the over-excavation. The soil samples from the sidewalls were labeled as S-W-7; S-E-7; S-N-7 and S-S-7, and the soil sample from the bottom was labeled as S-B-10. The location of these samples are shown on Figure 3, and Table 2 summarizes the analytical results of the over-excavation.

Soil samples also collected from stockpile for waste characterization and subsequent treatment and disposal. Soil samples were collected from the stockpile in clean soil sampling tubes by using hand auger, labeled (SP-1, SP-2 and SP-3) and placed into a chilled cooler for transportation to the laboratory under strict chain-of-custody protocol.

#### **LABORATORY ANALYSES:**

Soil samples collected from the sidewalls and bottom of excavation were submitted to Priority Environmental Labs, in Milpitas, for Total Petroleum Hydrocarbons as diesel (TPHd) per EPA Method 3550/8015 and Total Oil & Grease (TOG) per Method 5520 D & F analyses.

Based on the letters of Mr. Don Hwang of Alameda County Health Care Services Agency (ACHCSA) dated March 25, 1999; May 21, 1999; October 8, 1999 and December 2, 1999, soil samples from the over-excavation were also analyzed for chlorinated hydrocarbons (Cl HC), polychlorinated biphenyls (PCB), pentachlorophenol (PCP), polynuclear aromatics (PNA) or creosote.

#### **ANALYTICAL RESULTS AND DISCUSSION:**

Analytical results for soil samples collected from the sidewalls and bottom of the excavation indicated that the majority of petroleum-affected soil has been removed to the extent feasible from the vicinity of waste oil tank area.

**RECOMMENDATION:**

ESTC recommend no further excavation of the site is necessary at this time unless it is required by the regulatory agencies. A request can be made for site closure through Alameda County Health Care Service Agency (ACHCSA).

**LIMITATION:**

Any recommendations that were made in this report are based upon the assumption that the soil conditions do not deviate from those disclosed in the excavation.

The findings of this report are based on the results of an independent laboratory and are valid as of the present date. However, changes in the conditions of a property can occur with the passage of time, whether they are due to natural processes or the works of man on this property or adjacent properties.

This report is issued with the understanding that it is the responsibility of the owner or his representative to ensure that the information and recommendations contained here are called to the attention of the Local Environmental Agency.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

*ENVIRO SOIL TECH CONSULTANTS*



LAWRENCE KOO, P. E.

C. E. #34928

FRANK HAMEDI-FARD  
GENERAL MANAGER

**A P P E N D I X "A"**

**ENVIRO SOIL TECH CONSULTANTS**

**TABLE 1**  
**SUMMARY OF STOCKPILED SOIL**  
**SAMPLES ANALYTICAL RESULTS**  
**PRIOR TO BIO-TREATMENT**  
**IN MILLIGRAM PER KILOGRAM (mg/Kg)**

Date	Sample No.	TPHg	TPHd	B	T	E	X	MTBE	TOG	Cd	Cr	Pb	Ni	Zn
11/19/98	SP-1,2,3	ND<1	57	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	680	1.2	3.1	2.9	22	17

**TPHg** - Total Petroleum Hydrocarbons as gasoline  
**BTEX** - Benzene, Toluene, Ethylbenzene, Total Xylenes  
**TOG** - Total Oil & Grease  
**Cr** - Chromium  
**Ni** - Nickel  
**ND** - Not Detected (Below Laboratory Detection Limit)

**TPHd** - Total Petroleum Hydrocarbons as diesel  
**MTBE** - Methyl Tertiary Butyl Ether  
**Cd** - Cadmium  
**Pb** - Lead  
**Zn** - Zinc

**TABLE 2**  
**SUMMARY OF OVER-EXCAVATION**  
**SOIL SAMPLES ANALYTICAL RESULTS**  
**IN MILLIGRAM PER KILOGRAM (mg/Kg)**

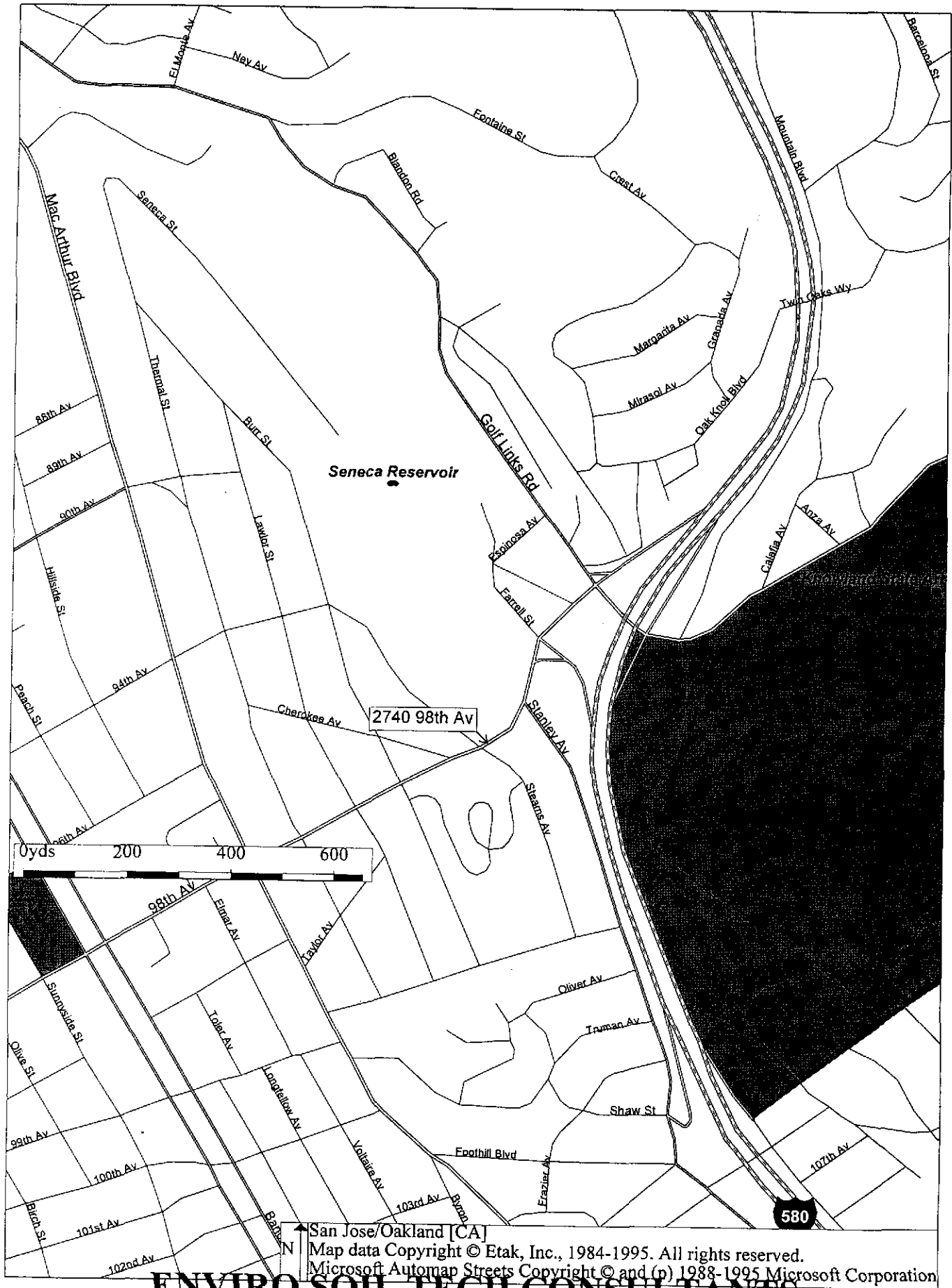
Date	Sample No.	TPHd	TOG	ClHC	PCB	PCP	PNA
3/10/2000	S-W-7	ND<1	ND<10	ND<0.005	ND<0.3	ND<0.3	ND<0.3
	S-E-7	ND<1	ND<10	ND<0.005	ND<0.3	ND<0.3	ND<0.3
	S-S-7	ND<1	ND<10	ND<0.005	ND<0.3	ND<0.3	ND<0.3
	S-S-7	ND<1	ND<10	ND<0.005	ND<0.3	ND<0.3	ND<0.3
	S-B-10	ND<1	ND<10	ND<0.005	ND<0.3	ND<0.3	ND<0.3

**TPHd** - Total Petroleum Hydrocarbons as diesel  
**TOG** - Total Oil & Grease  
**ClHC** - chlorinated hydrocarbons  
**PCB** - polychlorinated biphenyls  
**PCP** - pentachlorophenol  
**PNA** - polynuclear aromatics  
**ND** - Not Detected (Below Laboratory Detection Limit)



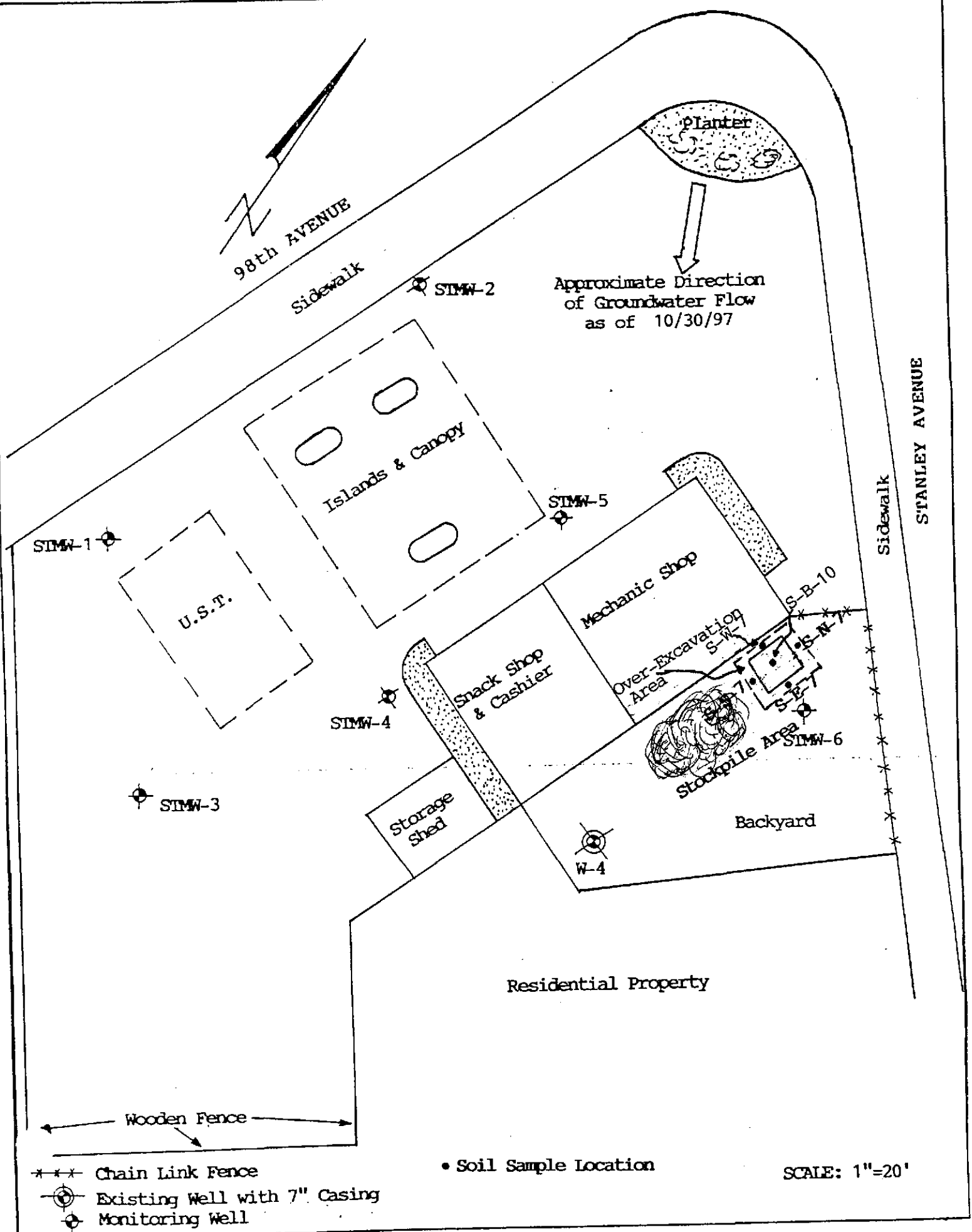
**A P P E N D I X "B"**

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Figure 1



- \*\*\* Chain Link Fence
- ⊙ Existing Well with 7" Casing
- ⊕ Monitoring Well

• Soil Sample Location

SCALE: 1"=20'

Figure 3

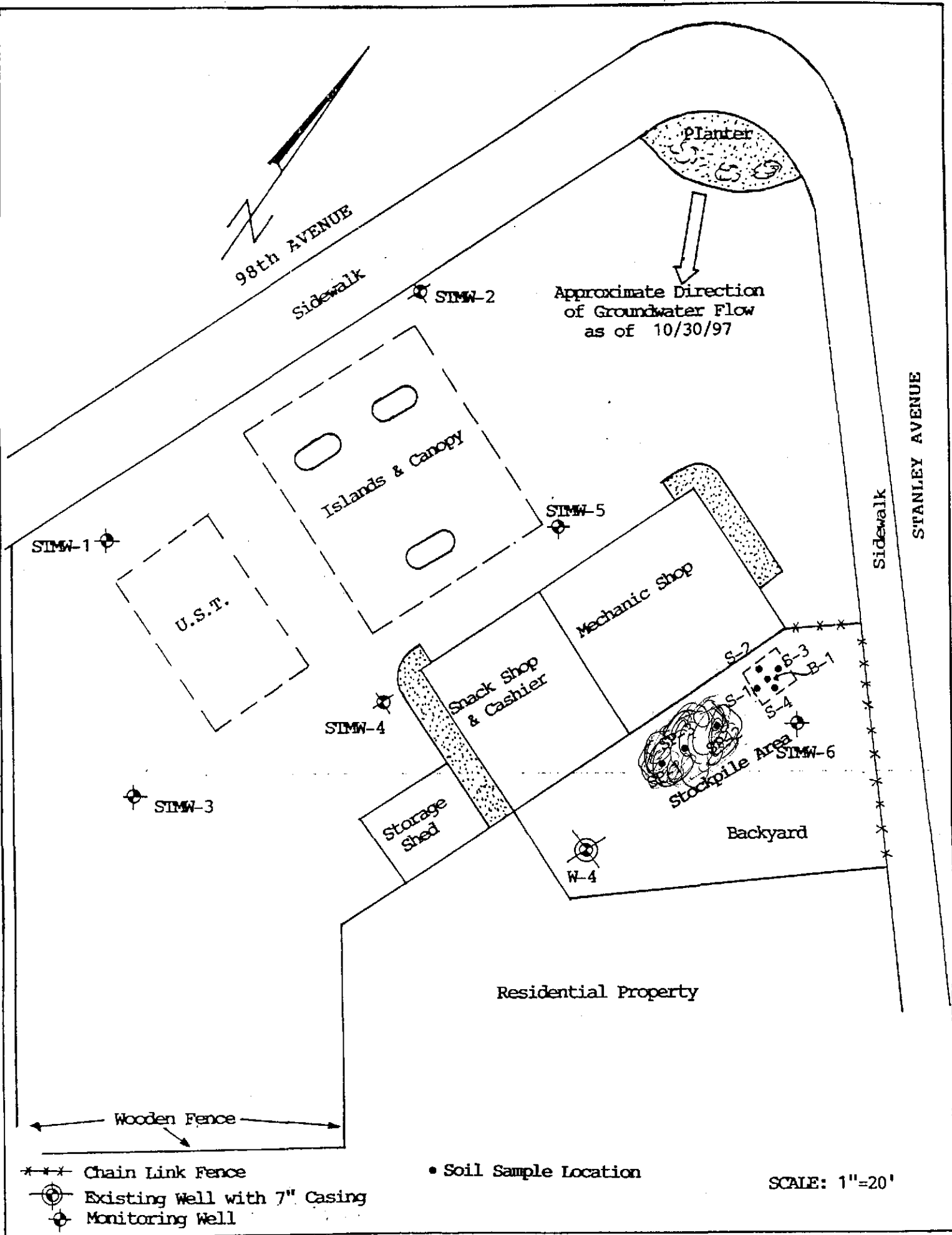


Figure 2

**A P P E N D I X "C"**

**ENVIRO SOIL TECH CONSULTANTS**



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 25, 1998

PEL # 9811023

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Re: Six soil samples for Gasoline/BTEX with MTBE, Diesel, and Oil & Grease analyses.

Project name: 2740 98th Ave., Oakland.

Project number: 7-93-556-ST

Date sampled: Nov 19, 1998

Date submitted: Nov 20, 1998

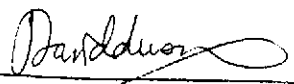
Date extracted: Nov 21-24, 1998

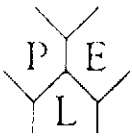
Date analyzed: Nov 21-24, 1998

### RESULTS:

SAMPLE I.D.	MTBE (ug/Kg)	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylene (ug/Kg)	Oil & Grease (mg/Kg)
B-1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
S-1	N.D.	N.D.	34	N.D.	N.D.	N.D.	N.D.	N.D.
S-2	N.D.	N.D.	61	N.D.	N.D.	N.D.	N.D.	360
S-3	N.D.	N.D.	11	N.D.	N.D.	N.D.	N.D.	780
S-4	N.D.	N.D.	39	N.D.	N.D.	N.D.	N.D.	150
SP-1,2,3*	N.D.	N.D.	57	N.D.	N.D.	N.D.	N.D.	590
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	---	91.1%	86.7%	100.9%	91.4%	83.5%	101.1%	---
Detection limit	5.0	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of Analysis	8020	5030/ 8015	3550/ 8015	8020	8020	8020	8020	5520 D & F

\*composited soil sample.

  
 David Duong  
 Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 27, 1998

PEL # 9811023

SOIL TECH ENGINEERING.

Attn: Frank Hamedi

Re: Six soil samples for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: 2740 98th Ave., Oakland.

Project number: 7-93-556-ST

Date sampled: Nov 19, 1998

Date submitted: Nov 20, 1998

Date extracted: Nov 20-24, 1998

Date analyzed: Nov 20-24, 1998

## RESULTS:

SAMPLE I.D.	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
B-1	1.1	2.7	3.3	12	19
S-1	0.9	1.8	2.4	14	21
S-2	1.3	2.4	3.1	9.9	18
S-3	1.5	2.9	2.7	15	19
S-4	1.0	3.6	3.2	17	16
SP-1, 2, 3*	1.2	3.1	2.9	22	17
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.50	1.0	1.0	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

\*composited soil sample.

David Duong  
Laboratory Director

PROJ NO 7-93-556-S1 NAME 2740 98<sup>th</sup> Avenue, Oakland

SAMPLERS: (Signature) *Richard Mandy*

NO.	DATE	TIME	SOIL	WATER	LOCATION	CON-TAINER
1	11/19/98		✓		S-1	1
2			✓		S-2	1
3			✓		S-3	1
4			✓		S-4	1
5			✓		B-1	1
6			✓		SP-1	1
7			✓		SP-2	1
8	↓		✓		SP-3	1

ANALYSES REQUESTED  
 TPH, BTEX, TOG, MTBE, Cd, Cr, Pb, Ni, Zn

DEMAND # PEL # 9811023  
 INV # 28634

Relinquished by: (Signature) <i>Richard Mandy</i>	Date / Time 11/20/98 13:52	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) <i>Sam Brockwell</i>	Date / Time 11-20-98 1:56 PM	Remarks P.E.C	



**ENVIRO SOIL TECH CONSULTANTS**  
 Environmental & Geotechnical Consultants  
 131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111  
 Tel: (408) 297-1500 Fax: (408) 292-2116





# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 30, 2000

PEL # 0003025

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Re: Five soil samples for Diesel, and Oil & Grease analyses.

Project name: 2740 98th Ave., Oakland.

Project number: 7-93-556-SI

Date sampled: Mar 10, 2000

Date submitted: Mar 11, 2000

Date extracted: Mar 12-15, 2000

Date analyzed: Mar 12-15, 2000

## RESULTS:

SAMPLE I.D.	Diesel (mg/Kg)	Oil & Grease (mg/Kg)
S-W-7	N.D.	N.D.
S-E-7	N.D.	N.D.
S-N-7	N.D.	N.D.
S-S-7	N.D.	N.D.
S-B-10	N.D.	N.D.
Blank	N.D.	N.D.
Spiked Recovery	91.4%	---
Detection limit	1.0	10
Method of Analysis	3550/ 8015	5520 D & F

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

## SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland. Project number: 7-93-556-SI

Sample I.D.: S-W-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 12-13, 2000

Detection limit: 5.0 ug/Kg

Method of Analysis: EPA 8010

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
---------------	---------------------------	-----------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	86.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	81.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	95.0
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	91.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland Project number: 7-93-556-SI

Sample I.D.: S-E-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 12-13, 2000

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
---------------	---------------------------	-----------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	86.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	81.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	95.0
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	91.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland. Project number: 7-93-556-SI

Sample I.D.: S-N-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 12-13, 2000

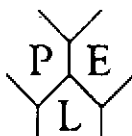
Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
---------------	---------------------------	-----------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	86.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	81.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	95.0
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	91.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland. Project number: 7-93-556-SI

Sample I.D.: S-S-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 12-13, 2000

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
---------------	---------------------------	-----------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	86.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	81.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	95.0
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	91.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong

Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland. Project number: 7-93-556-SI

Sample I.D.: S-B-10

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 12-13, 2000

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)	SPIKE RECOVERY (%)
---------------	---------------------------	-----------------------

Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	86.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	81.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	95.0
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	91.4
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

*David Duong*  
 David Duong  
 Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025  
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland, CA Project number: 7-93-556-SI

Sample I.D.: S-W-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 14-17, 2000

Method of Analysis: EPA 8270

Detection limit: 300 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)
---------------	---------------------------

bis(2-chloroethyl) ether	N.D.
aniline	N.D.
phenol	N.D.
2-chlorophenol	N.D.
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	N.D.
1,2-dichlorobenzene	N.D.
benzyl alcohol	N.D.
bis-(2-chloroisopropyl)	N.D.
2-methylphenol	N.D.
hexachloroethane	N.D.
n-nitroso-di-n-propylamine	N.D.
4-methylphenol	N.D.
nitrobenzene	N.D.
isophorone	N.D.
2-nitrophenol	N.D.
2,4-dimethylphenol	N.D.
bis(2-chloroethoxy)methane	N.D.
2,4-dichlorophenol	N.D.
1,2,4-trichlorobenzene	N.D.
naphthalene	N.D.
benzoic acid	N.D.
4-chloroaniline	N.D.
hexachlorobutadiene	N.D.
4-chloro-3-methylphenol	N.D.
2-methyl-naphthalene	N.D.
hexachlorocyclopentadiene	N.D.
2,4,6-trichlorophenol	N.D.
2,4,5-trichlorophenol	N.D.
2-chloronaphthalene	N.D.
2-nitroaniline	N.D.
acenaphthylene	N.D.
dimethylphthlate	N.D.
2,6-dinitrotoluene	N.D.



# PRIORITY ENVIRONMENTAL LABS


Precision Environmental Analytical Laboratory

PEL # 0003025  
Page 02 of 02

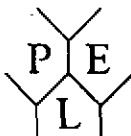
SAMPLE I.D. S-W-7

COMPOUND NAME	CONCENTRATION ( ug/Kg)
---------------	---------------------------

acenaphthylene	N.D.
3-nitroaniline	N.D.
2,4-dinitrophenol	N.D.
dibenzofuran	N.D.
2,4-dinitrotoluene	N.D.
4-nitrophenol	N.D.
fluorene	N.D.
4-chlorophenyl-phenyl ether	N.D.
diethylphthlate	N.D.
4-nitroaniline	N.D.
4,6-dinitro-2-methylphenol	N.D.
n-nitrosodiphenylamine	N.D.
1,2-diphenylhydrazine	N.D.
4-bromo-phenyl-phenyl ether	N.D.
hexachlorobenzene	N.D.
pentachlorophenol	N.D.
phenanthrene	N.D.
anthracene	N.D.
di-n-butylphthalate	N.D.
fluoranthene	N.D.
benzidine	N.D.
pyrene	N.D.
butylbenzylphthalate	N.D.
3,3'-dichlorobenzidine	N.D.
benzo[a]anthracene	N.D.
chrysene	N.D.
bis(2-ethylhexyl)phthalate	N.D.
di-n-octylphthalate	N.D.
benzo(b,k)fluoranthene	N.D.
benzo[a]pyrene	N.D.
indeno[1,2,3-cd]pyrene	N.D.
dibenzo[a,h]anthracene	N.D.
benzo[g,h,i]perylene	N.D.

  
David Duong  
Laboratory Director





# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025  
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland, CA Project number: 7-93-556-SI

Sample I.D.: S-E-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 14-17, 2000

Method of Analysis: EPA 8270

Detection limit: 300 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)
---------------	---------------------------

bis(2-chloroethyl) ether	N.D.
aniline	N.D.
phenol	N.D.
2-chlorophenol	N.D.
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	N.D.
1,2-dichlorobenzene	N.D.
benzyl alcohol	N.D.
bis-(2-chloroisopropyl	N.D.
2-methylphenol	N.D.
hexachloroethane	N.D.
n-nitroso-di-n-propylamine	N.D.
4-methylphenol	N.D.
nitrobenzene	N.D.
isophorone	N.D.
2-nitrophenol	N.D.
2,4-dimethylphenol	N.D.
bis(2-chloroethoxy) methane	N.D.
2,4-dichlorophenol	N.D.
1,2,4-trichlorobenzene	N.D.
naphthalene	N.D.
benzoic acid	N.D.
4-chloroaniline	N.D.
hexachlorobutadiene	N.D.
4-chloro-3-methylphenol	N.D.
2-methyl-naphthalene	N.D.
hexachlorocyclopentadiene	N.D.
2,4,6-trichlorophenol	N.D.
2,4,5-trichlorophenol	N.D.
2-chloronaphthalene	N.D.
2-nitroaniline	N.D.
acenaphthylene	N.D.
dimethylphthlate	N.D.
2,6-dinitrotoluene	N.D.



# PRIORITY ENVIRONMENTAL LABS


Precision Environmental Analytical Laboratory

PEL # 0003025  
Page 02 of 02

SAMPLE I.D. S-E-7

COMPOUND NAME CONCENTRATION  
( ug/Kg)

acenaphthylene	N.D.
3-nitroaniline	N.D.
2,4-dinitrophenol	N.D.
dibenzofuran	N.D.
2,4-dinitrotoluene	N.D.
4-nitrophenol	N.D.
fluorene	N.D.
4-chlorophenyl-phenyl ether	N.D.
diethylphthlate	N.D.
4-nitroaniline	N.D.
4,6-dinitro-2-methylphenol	N.D.
n-nitrosodiphenylamine	N.D.
1,2-diphenylhydrazine	N.D.
4-bromo-phenyl-phenyl ether	N.D.
hexachlorobenzene	N.D.
pentachlorophenol	N.D.
phenanthrene	N.D.
anthracene	N.D.
di-n-butylphthalate	N.D.
fluoranthene	N.D.
benzidine	N.D.
pyrene	N.D.
butylbenzylphthalate	N.D.
3,3'-dichlorobenzidine	N.D.
benzo[a]anthracene	N.D.
chrysene	N.D.
bis(2-ethylhexyl)phthalate	N.D.
di-n-octylphthalate	N.D.
benzo(b,k)fluoranthene	N.D.
benzo[a]pyrene	N.D.
indeno[1,2,3-cd]pyrene	N.D.
dibenzo[a,h]anthracene	N.D.
benzo[g,h,i]perylene	N.D.

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025  
Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland, Project number: 7-93-556-SI

Sample I.D.: S-N-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

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Method of Analysis: EPA 8270

Detection limit: 300 ug/Kg

COMPOUND NAME CONCENTRATION  
( ug/Kg)

bis(2-chloroethyl) ether	N.D.
aniline	N.D.
phenol	N.D.
2-chlorophenol	N.D.
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	N.D.
1,2-dichlorobenzene	N.D.
benzyl alcohol	N.D.
bis-(2-chloroisopropyl)	N.D.
2-methylphenol	N.D.
hexachloroethane	N.D.
n-nitroso-di-n-propylamine	N.D.
4-methylphenol	N.D.
nitrobenzene	N.D.
isophorone	N.D.
2-nitrophenol	N.D.
2,4-dimethylphenol	N.D.
bis(2-chloroethoxy)methane	N.D.
2,4-dichlorophenol	N.D.
1,2,4-trichlorobenzene	N.D.
naphthalene	N.D.
benzoic acid	N.D.
4-chloroaniline	N.D.
hexachlorobutadiene	N.D.
4-chloro-3-methylphenol	N.D.
2-methyl-naphthalene	N.D.
hexachlorocyclopentadiene	N.D.
2,4,6-trichlorophenol	N.D.
2,4,5-trichlorophenol	N.D.
2-chloronaphthalene	N.D.
2-nitroaniline	N.D.
acenaphthylene	N.D.
dimethylphthlate	N.D.
2,6-dinitrotoluene	N.D.



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

SAMPLE I.D. S-N-7

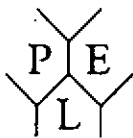
PEL # 0003025  
Page 02 of 02

COMPOUND NAME CONCENTRATION  
( ug/Kg)

acenaphthylene	N.D.
3-nitroaniline	N.D.
2,4-dinitrophenol	N.D.
dibenzofuran	N.D.
2,4-dinitrotoluene	N.D.
4-nitrophenol	N.D.
fluorene	N.D.
4-chlorophenyl-phenyl ether	N.D.
diethylphthlate	N.D.
4-nitroaniline	N.D.
4,6-dinitro-2-methylphenol	N.D.
n-nitrosodiphenylamine	N.D.
1,2-diphenylhydrazine	N.D.
4-bromo-phenyl-phenyl ether	N.D.
hexachlorobenzene	N.D.
pentachlorophenol	N.D.
phenanthrene	N.D.
anthracene	N.D.
di-n-butylphthalate	N.D.
fluoranthene	N.D.
benzidine	N.D.
pyrene	N.D.
butylbenzylphthalate	N.D.
3,3'-dichlorobenzidine	N.D.
benzo[a]anthracene	N.D.
chrysene	N.D.
bis(2-ethylhexyl)phthalate	N.D.
di-n-octylphthalate	N.D.
benzo(b,k)fluoranthene	N.D.
benzo[a]pyrene	N.D.
indeno[1,2,3-cd]pyrene	N.D.
dibenzo[a,h]anthracene	N.D.
benzo[g,h,i]perylene	N.D.

Genesee Corporation  
( N.D. )

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland, Project number: 7-93-556-SI

Sample I.D.: S-S-7

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 14-17, 2000

Method of Analysis: EPA 8270

Detection limit: 300 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)
---------------	---------------------------

bis(2-chloroethyl) ether	N.D.
aniline	N.D.
phenol	N.D.
2-chlorophenol	N.D.
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	N.D.
1,2-dichlorobenzene	N.D.
benzyl alcohol	N.D.
bis-(2-chloroisopropyl)	N.D.
2-methylphenol	N.D.
hexachloroethane	N.D.
n-nitroso-di-n-propylamine	N.D.
4-methylphenol	N.D.
nitrobenzene	N.D.
isophorone	N.D.
2-nitrophenol	N.D.
2,4-dimethylphenol	N.D.
bis(2-chloroethoxy)methane	N.D.
2,4-dichlorophenol	N.D.
1,2,4-trichlorobenzene	N.D.
naphthalene	N.D.
benzoic acid	N.D.
4-chloroaniline	N.D.
hexachlorobutadiene	N.D.
4-chloro-3-methylphenol	N.D.
2-methyl-naphthalene	N.D.
hexachlorocyclopentadiene	N.D.
2,4,6-trichlorophenol	N.D.
2,4,5-trichlorophenol	N.D.
2-chloronaphthalene	N.D.
2-nitroaniline	N.D.
acenaphthylene	N.D.
dimethylphthlate	N.D.
2,6-dinitrotoluene	N.D.



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 0003025


SAMPLE I.D.

S-S-7

Page 02 of 02

COMPOUND NAME  
CONCENTRATION  
( ug/Kg)

acenaphthylene	N.D.
3-nitroaniline	N.D.
2,4-dinitrophenol	N.D.
dibenzofuran	N.D.
2,4-dinitrotoluene	N.D.
4-nitrophenol	N.D.
fluorene	N.D.
4-chlorophenyl-phenyl ether	N.D.
diethylphthlate	N.D.
4-nitroaniline	N.D.
4,6-dinitro-2-methylphenol	N.D.
n-nitrosodiphenylamine	N.D.
1,2-diphenylhydrazine	N.D.
4-bromo-phenyl-phenyl ether	N.D.
hexachlorobenzene	N.D.
pentachlorophenol	N.D.
phenanthrene	N.D.
anthracene	N.D.
di-n-butylphthalate	N.D.
fluoranthene	N.D.
benzidine	N.D.
pyrene	N.D.
butylbenzylphthalate	N.D.
3,3'-dichlorobenzidine	N.D.
benzo[a]anthracene	N.D.
chrysene	N.D.
bis(2-ethylhexyl)phthalate	N.D.
di-n-octylphthalate	N.D.
benzo(b,k)fluoranthene	N.D.
benzo[a]pyrene	N.D.
indeno[1,2,3-cd]pyrene	N.D.
dibenzo[a,h]anthracene	N.D.
benzo[g,h,i]perylene	N.D.

  
David Duong  
Laboratory Director



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

March 29, 2000

PEL # 0003025

Page 01 of 02

SOIL TECH ENGINEERING

Attn: Frank Hamedi

Project name: 2740 98th Ave., Oakland. Project number: 7-93-556-SI

Sample I.D.: S-B-10

Date Sampled: Mar 10, 2000

Date Submitted: Mar 11, 2000

Date Analyzed: Mar 14-17, 2000

Method of Analysis: EPA 8270

Detection limit: 300 ug/Kg

COMPOUND NAME	CONCENTRATION ( ug/Kg)
---------------	---------------------------

bis(2-chloroethyl) ether	N.D.
aniline	N.D.
phenol	N.D.
2-chlorophenol	N.D.
1,3-dichlorobenzene	N.D.
1,4-dichlorobenzene	N.D.
1,2-dichlorobenzene	N.D.
benzyl alcohol	N.D.
bis-(2-chloroisopropyl)	N.D.
2-methylphenol	N.D.
hexachloroethane	N.D.
n-nitroso-di-n-propylamine	N.D.
4-methylphenol	N.D.
nitrobenzene	N.D.
isophorone	N.D.
2-nitrophenol	N.D.
2,4-dimethylphenol	N.D.
bis(2-chloroethoxy)methane	N.D.
2,4-dichlorophenol	N.D.
1,2,4-trichlorobenzene	N.D.
naphthalene	N.D.
benzoic acid	N.D.
4-chloroaniline	N.D.
hexachlorobutadiene	N.D.
4-chloro-3-methylphenol	N.D.
2-methyl-naphthalene	N.D.
hexachlorocyclopentadiene	N.D.
2,4,6-trichlorophenol	N.D.
2,4,5-trichlorophenol	N.D.
2-chloronaphthalene	N.D.
2-nitroaniline	N.D.
acenaphthylene	N.D.
dimethylphthlate	N.D.
2,6-dinitrotoluene	N.D.



# PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

PEL # 0003025  
Page 02 of 02

SAMPLE I.D. S-B-10

COMPOUND NAME	CONCENTRATION ( ug/Kg)
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acenaphthylene	N.D.
3-nitroaniline	N.D.
2,4-dinitrophenol	N.D.
dibenzofuran	N.D.
2,4-dinitrotoluene	N.D.
4-nitrophenol	N.D.
fluorene	N.D.
4-chlorophenyl-phenyl ether	N.D.
diethylphthlate	N.D.
4-nitroaniline	N.D.
4,6-dinitro-2-methylphenol	N.D.
n-nitrosodiphenylamine	N.D.
1,2-diphenylhydrazine	N.D.
4-bromo-phenyl-phenyl ether	N.D.
hexachlorobenzene	N.D.
pentachlorophenol	N.D.
phenanthrene	N.D.
anthracene	N.D.
di-n-butylphthalate	N.D.
fluoranthene	N.D.
benzidine	N.D.
pyrene	N.D.
butylbenzylphthalate	N.D.
3,3'-dichlorobenzidine	N.D.
benzo[a]anthracene	N.D.
chrysene	N.D.
bis(2-ethylhexyl)phthalate	N.D.
di-n-octylphthalate	N.D.
benzo(b,k)fluoranthene	N.D.
benzo[a]pyrene	N.D.
indeno[1,2,3-cd]pyrene	N.D.
dibenzo[a,h]anthracene	N.D.
benzo[g,h,i]perylene	N.D.

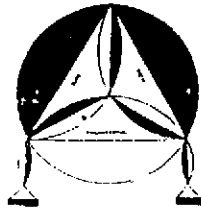
*David Duong*  
David Duong  
Laboratory Director



CHAIN OF CUSTODY RECORD

PEL # 0003025

PROJ. NO.		NAME				ANALYSES REQUESTED (2)						REMARKS		
7-93-556-SI		2740-98 <sup>th</sup> Avenue, Oakland				TPH	TOG	CLHC	PCB	PCP	PNA or Cresote			
SAMPLERS: (Signature)														
<i>[Signature]</i>														
NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	TPH	TOG	CLHC	PCB	PCP	PNA or Cresote		
1	3/10/00	15 <sup>00</sup>	✓		S-W-7	1	✓	✓	✓	✓	✓			
2	↓	15 <sup>20</sup>	✓		S-E-7	1	✓	✓	✓	✓	✓			
3	↓	15 <sup>35</sup>	✓		S-N-7	1	✓	✓	✓	✓	✓			
4	↓	15 <sup>55</sup>	✓		S-S-7	1	✓	✓	✓	✓	✓			
5	↓	16 <sup>20</sup>	✓		S-B-10	1	✓	✓	✓	✓	✓			
PEL # 003025														
INV # 30073														
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
<i>[Signature]</i>			3/11/00 10 <sup>35</sup>											
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Relinquished by: (Signature)			Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)			Date / Time		Remarks				
					<i>[Signature]</i>			3/11/00 10:35 AM						



ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants  
 131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111  
 Tel: (408) 297-1500 Fax: (408) 292-2116