

Geologic and Environmental Services

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July 31, 1990

Lawrence Seto
Alameda County Department of Environmental Health
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, California 94621

Re: Shell Service Station WIC #204-6852-1404 1784 150th Avenue San Leandro, California WA Job #81-422-01

Dear Mr. Seto:

This letter describes Weiss Associates' (WA) second quarter 1990 activities at the subject Shell service station (Figure 1). This status report satisfies the quarterly reporting requirements outlined in our workplan dated February 23, 1990, and prescribed by California Administrative Code Title 23 Waters, Chapter 3, Subchapter 16, Article 5, Section 2652.d. Included below are:

- A brief site background and statement of objectives,
- Descriptions of activities performed during the second quarter 1990 reporting period (March 1 through June 30, 1990), including tabulated chemical analytic results, and
- Proposed work for the third quarter 1990.

BACKGROUND AND OBJECTIVES

In November 1986 Petroleum Engineering of Santa Rosa, California, removed a 550-gallon waste oil tank and replaced it with a 550-gallon fiberglass tank. Immediately following the tank removal, Blaine Tech Services (BT) of San Jose, California, collected a soil sample from directly beneath the former tank location at 8 ft depth. The soil sample contained 196 parts per million (ppm) total hydrocarbon (non-polar) oil and grease (TOG). On November

¹Blaine Tech Services, 1986, Sampling Report 86311-F4, Shell Service Station, 1784 150th Avenue, San Leandro, California, consultant's letter-report prepared for Shell Oil Company, November 21, 1986, 3 pp. and 2 attachments.



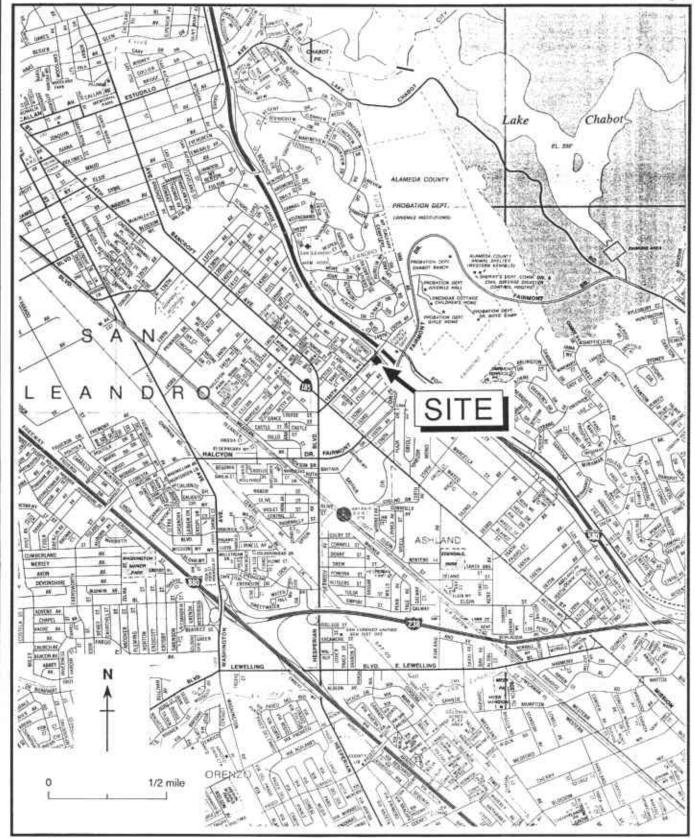


Figure 1. Site Location Map - Shell Service Station WIC #204685214, 1784 150th Avenue, San Leandro, California



11, 1986, after additional soil excavation, BT collected a soil sample from 11 ft depth. This sample contained 167.4 ppm TOG. The tank pit was excavated to 16 ft total depth, and BT collected a sample from the excavation bottom. This sample was not analyzed. No ground water was encountered in the tank excavation.²

To determine the site stratigraphy and ground water depth and whether compounds from the former waste oil tank impacted ground water, in December 1989 Shell Oil retained Weiss Associates to drill one soil boring adjacent to the waste oil tank, install a ground water monitoring well in the boring, and to monitor ground water at the site.

SECOND QUARTER 1990 ACTIVITIES

During the second quarter 1990 Weiss Associates (WA):

- Drilled one soil boring and installed a ground water monitoring well in the boring,
- Collected soil samples from the boring for chemical analysis, and
- Developed and sampled the well, and analyzed the ground water sample for petroleum hydrocarbons and other organic compounds.

Each of these tasks is described below.

Soil Boring and Monitoring Well Installation

On March 5, 1990, WA geologist Karen Sixt drilled one soil boring to a depth of 45 ft in the anticipated downgradient direction of the waste oil tank, and installed ground water monitoring well MW-1 in the boring (Figure 2). Review of local and site topography and regional ground water flow direction suggested that the ground water glow direction at the site was to the west-southwest. Therefore, the boring was drilled about 7 ft west of the former and present waste oil tank location. The objective of the work was to determine if hydrocarbons from the former waste oil tank are in soil and/or ground water beneath the site. Each soil sample collected from the boring was analyzed for:

²Blaine Tech Services, 1986, Sampling Report 86315-M2, Shell Service Station, 1784 150th Avenue, San Leandro, California, consultant's letter-report prepared for Shell Oil Company, November 21, 1986, 3 pp. and 2 attachments.

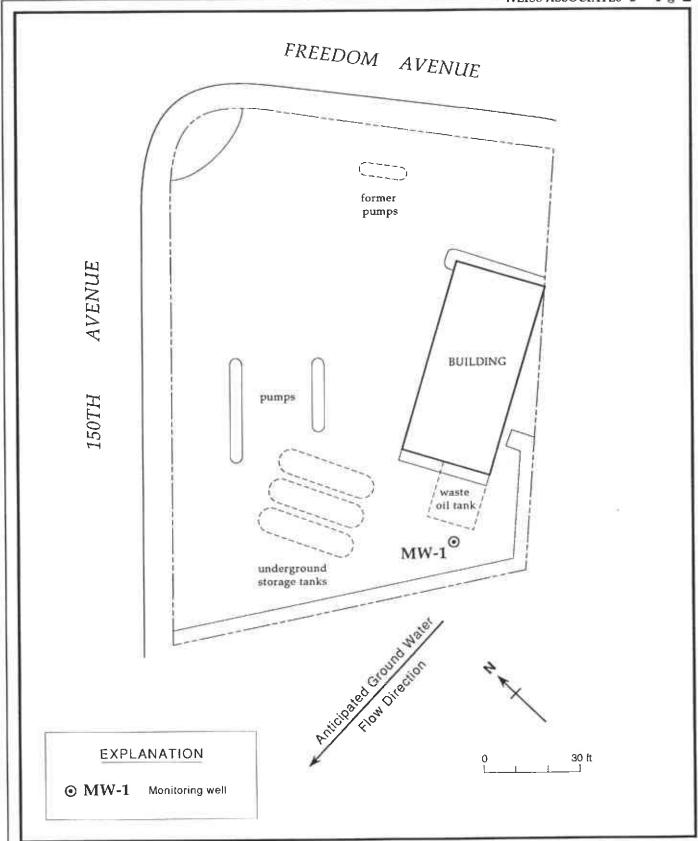


Figure 2. Monitoring Well Location - Shell Service Station WIC #204-685-214, 1784 150th Avenue, San Leandro, California



- Total petroleum hydrocarbons as gasoline (TPH-G) by modified EPA Method 8015, gas chromatography with flame ionization detection (GC/FID),
- Benzene, ethylbenzene, toluene and xylenes (BETX) by EPA Method 8020, gas chromatography with photoionization detection (GC/PID),
- Total hydrocarbon (non-polar) oil and grease (TOG) by American Public Health Association (APHA) Standard Methods 503D&E,
- Halogenated volatile organic compounds (HVOCs) by EPA Method 8010, gas chromatography with Hall electrolytic conductivity detection (GC/HALL),

The soil sample from just above the static water level in the boring was also analyzed for:

Total petroleum hydrocarbons as diesel (TPH-D) by modified EPA Method 8015, GC/FID.

Analytic results for soil are presented in Table 1, and copies of laboratory analytic reports and chain of custody documents for soil samples are presented as Attachment A. TPH-G was detected in the unsaturated soil sample from 29.2 ft depth at 35 ppm. The 29.2 ft depth sample also contained low concentrations of benzene, ethylbenzene, xylenes and 1,2-dichloroethane (DCA). A trace of benzene was detected in the sample from 24.7 ft depth. TOG was not detected in any of the five samples analyzed, and TPH-D was not detected in the sample from above the static water level.

Drill cuttings were sampled and temporarily stockpiled onsite on plastic sheeting. The stockpile was covered with plastic sheeting to prevent infiltration of rainwater and possible aeration of volatile compounds. Based on the analytic results of the composite stockpile samples, the soil was subsequently transported to a Class III disposal facility by a licensed waste hauler under contract with Shell Oil.

TABLE 1. Analytic Results for Soil - Shell Service Station, WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

Soil Boring (Well ID	Sample Depth) (ft)	Date Sampled	Analytic Lab	Analytic Method	\$at/ Unsat	TPH-G <	TPH-D ^a	В	E ···· parts	T per million	X (mg/kg)	HVOCS	TOG ^b
BH-A (MW-1)	5.0	3-5-90	NET	8015/8020/ 8010/503	Unsat	<1	***	<0.0025	<0.0025	<0.0025	<0.0025	<0.002-0.05	<100
	15.7	3-5-90	NET	8015/8020/ 8010/503	Unsat	<1	***	<0.0025	<0.0025	<0.0025	<0.0025	<0.002-0.05	<100
	24.7	3-5-90	NET	8015/8020/ 8010/503	Unsat	<1	<1	0.02	<0.0025	<0.0025	<0.0025	<0.002-0.05	<100
	29.2	3-5-90	NET	8015/8020/ 8010/503	Sat			0.23	0.20	<0.0025	<0.64		<100
	41.2	3-5-90	NET	8015/8020/ 8010/503	Sat	<1	<1	<0.0025	<0.0025	<0.0025	<0.0025	<0.002-0.05	<100

Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline

TPH-D = Total petroleum hydrocarbons as diesel

TPH-MO = Total petroleum hydrocarbons as motor oil

B = Benzene

E = Ethylbenzene

T = Toluene

X = Xylenes

HVOCs = Halogenated volatile organic compounds

TOG = Total hydrocarbon oil and grease (non-polar)

Sat = Saturated soil sample

Unsat = Unsaturated soil sample

<n = Not detected at detection limit of n ppm</p>

Notes:

B = Analytic results for TPH-MO are reported with TPH-D results by the laboratory. TPH-MO results are included in the analytic reports in Attachment B.

b = Analytic results for total oil and grease (polar and non-polar) are reported with the hydrocarbon (non-polar) TOG by the laboratory. These results are included in the analytic reports in Attachment C.

c = 1,2-dichloroethane detected at 0.0064 ppm; no other compounds detected.

Analytical Laboratory:

NET = National Environmental Testing Pacific, Inc., Santa Rosa, California

Analytic Methods:

503 = APHA Standard Methods 503D&E for TOG

8010 = EPA Method 8010 for HVOCs

8015 = Modified EPA Method 8015 for TPH-G and TPH-D

8020 = EPA Method 8020 for BETX

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Monitoring Well Development and Sampling

Monitoring well MW-1 was developed on March 7, 1990, by WA environmental technician Matt Derby. The well yielded about 3.8 gallons per minute during development using surge block agitation and airlift evacuation. The well was initially sampled on March 8, 1990. Prior to sampling, four well casing volumes, approximately 51 gallons, were purged from the well with a steam-cleaned PVC bailer. Ground water samples were collected with a steam-cleaned Teflon bailer, and were decanted into 40 ml glass, volatile organic analysis vials and sealed in plastic guard bottles containing activated carbon pellets. Samples collected for TOG and TPH-D analysis were decanted into 1 liter amber glass bottles. The sample for TOG analysis was preserved with sulfuric acid. A travel blank was submitted for TPH-G and BETX analysis to check for carry-over of VOCs during transport. An equipment blank was also collected and submitted for TPH-G and BETX analysis.

Well MW-1 was sampled again on June 12, 1990, as part of WA's quarterly monitoring program. Prior to sampling, four well casing volumes, approximately 50 gallons, were purged from the well with a dedicated PVC bailer. Ground water samples were drawn from a sampling port on the side of the bailer. The sampling protocol outlined above for the initial sampling was also followed for the second quarter sampling. An equipment blank was not collected because a bailer was dedicated to well MW-1 during the June sampling

Ground water samples collected from well MW-1 on March 8, 1990, and June 12, 1990, were analyzed for:

- TPH-G & D by modified EPA Method 8015, GC/FID,
- BETX by EPA Method 602, GC/PID,
- HVOCs by EPA Method 601, GC/HALL, and
- TOG by APHA Standard Methods 503A&E,

Analytic results for ground water are presented in Table 2, and copies of the laboratory analytic reports and chain of custody documents for ground water are presented in Attachment

Table 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

Well ID	Date Sampled	Analytic Method	TPH-G	TPH-D	В	E	Τ per billion (μ	X a/i)	TOG	HVOCs
10	Sampred	rictioa				par to p	Jet Bittion (p	3/-/		
MW-1	03/08/90	8015/602/503/ 601	290	120	1.5	<0.5	0.8	5.4	<5,000	12 ^a
	06/12/90	8015/602/503/ 601	510	100	86	0.7	1.3	6.2	<5,000	ND
Trip	03/08/90	8015/602	<50		<0.5	<0.5	<0.5	<0.5	***	
Blank	06/12/90	8015/602	<50		<0.5	<0.5	<0.5	<0.5		
Bailer Blank	03/08/90	8015/602	<50		<0.5	<0.5	<0.5	<0.5		
DHS MCLs	03/08/90		NE	NE	1	680	100 ⁶	1,750	NE	0.5 ^c

Abbreviations:

TPH-G = Total Petroleum Hydrocarbons as Gasoline TPH-D = Total Petroleum Hydrocarbons as Diesel

B = Benzene

E = Ethylbenzene

T = Toluene

X = Xylenes

TOG = Total hydrocarbon (non-polar) oil and grease

HVOCs = Halogenated Volatile Organic Compounds

--- = Not analyzed

<n = Not detected at detection limit of n ppb</pre>

ND = Not detected at detection limits between 0.4 and 10 ppb

DHS MCLs = California Department of Health Services Maximum Contaminant

Levels

ppb = parts per billion

NE = Not established by DHS

Notes:

a = 1,2-dichloroethane (DCA) detected at 12 ppb = DHS Recommended Action Level, MCL not established

c = DHS MCL for 1,2-dichloroethane

Analytical Laboratory:

National Environmental Testing, Inc. (NET), Santa Rosa, California

<u>Analytic Methods</u>:

503 = American Public Health Association Standard Methods 503A&E for TOG

601 = EPA Method 601 for HVOCs

602 = EPA Method 602 for BETX

8015 = Modified EPA Method 8015 for TPH-G and TPH-D

Mr. Lawrence Seto July 31, 1990



C. TPH-G was detected at 290 parts per billion (ppb) and 510 ppb on March 8 and June 12, respectively, in well MW-1. BETX concentrations also increased between the March and June samplings. DCA, detected at 12 ppb in the March 8 sample, was not detected in the sample collected on June 12. Benzene concentrations in water samples collected in March and June were above the California Department of Health Services (DHS) Maximum Contaminant Level (MCL) in ground water. TPH-D was detected in well MW-1 during each sampling. No floating hydrocarbons were observed in the well during either sampling.

Ground Water Levels

The depth to ground water was measured in well MW-1 prior to each sampling. The depth to water on March 8, 1990, was 25.29 ft. The depth to water was 25.85 ft on June 12, 1990, a drop of 0.56 feet since the previous quarter.

ANTICIPATED WORK FOR THIRD QUARTER 1990

During the third quarter 1990, on behalf of Shell Oil, WA plans to:

- Review all site data and make recommendations for additional work,
- Continue quarterly monitoring of well MW-1, and
- Submit quarterly status reports, including all site data collected during the quarter.

A comprehensive subsurface investigation report, including boring logs, will be submitted to Shell Oil after the extent of hydrocarbons in soil and ground water is defined.

We trust that this submittal satisfies your requirements. Please call Karen Sixt or Joe Theisen if you have questions.



Sincerely, Weiss Associates

Karen C. Sixt

Senior Staff Geologist

Richard B. Weiss

Principal Hydrogeologist

KCS/RBW:jg

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Attachments: A - Analytic Reports and Chain-of-Custody for Soil

B - Analytic Reports and Chain-of-Custody for Ground Water

cc: E. Paul Hayes, Shell Oil Company, P.O. Box 4848, Anaheim, California 92803

Diane Lundquist, Shell Oil Company, P.O. Box 4023, Concord, California 94524

Lester Feldman, California Regional Water Quality Control Board - San Francisco Bay Region, 1800 Harrison Street, Oakland, California 94612



ATTACHMENT A

ANALYTIC REPORTS AND CHAIN-OF-CUSTODY FOR SOIL



NET Pacific, Inc. 435 Tesconi Circle Santa Rosa, CA 95401 Tel: (707) 526-7200 Fax: (707) 526-9623

Karen Sixt Weiss Associates 5500 Shell Mound Rd. Emeryville, CA 94524 Date: 03-19-90

NET Client Acct. No: 18.09 NET Pacific Log No: 1041 Received: 03-08-90 0700

Client Reference Information

SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Jules Skamaračk Vaboratory Manager

Enclosure(s)

Client Acct: 18.09 Client Name: Weiss Associates Date: 03-19-90 Page: 2

NET Log No: 1041

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

03-05-90 SAMPLE DESCRIPTION: BH-A 5.0

LAB Job No: (-48134)

Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) METHOD 8010	50 100	ND ND	mg/Kg mg/Kg
DATE ANALYZED		03-12-90	
DILUTION FACTOR*		1	***
Bromodichloromethane	2.0	ND	ug/Kg
Bromoform	2.0	ND	ug/Kg
Bromomethane	2.0	ND	ug/Kg
Carbon tetrachloride	2.0	ND	ug/Kg
Chlorobenzene	2.0	ND	ug/Kg
Chloroethane	2.0	ND ND	ug/Kg ug/Kg
2-Chloroethylvinyl ether	5.0	ND ND	ug/Kg ug/Kg
Chloroform	2.0	ND ND	ug/Kg ug/Kg
Chloromethane	2.0 2.0	ND ND	ug/Kg ug/Kg
Dibromochloromethane	2.0	ND	ug/Kg ug/Kg
1,2-Dichlorobenzene	2.0	ND	ug/Kg ug/Kg
1,3-Dichlorobenzene 1,4-Dichlorobenzene	2.0	ND	ug/Kg
Dichlorodifluoromethane	2.0	ND	ug/Kg
1,1-Dichloroethane	2.0	ND	ug/Kg
1,2-Dichloroethane	2.0	ND	ug/Kg
1,1-Dichloroethene	2.0	ND	ug/Kg
trans-1,2-Dichloroethene	2.0	ND	ug/Kg
1,2-Dichloropropane	2.0	ND	ug/Kg
cis-1,3-Dichloropropene	2.0	ND	ug/Kg
trans-1,3-Dichloropropene	2.0	ND	ug/Kg
Methylene Chloride	50	ND	ug/Kg
1,1,2,Tetrachloroethane	2.0	ND	ug/Kg
Tetrachloroethene	2.0	ND	ug/Kg
1,1,1-Trichloroethane	2.0	ND	ug/Kg
1,1,2-Trichloroethane	2.0	ND	ug/Kg
Trichloroethene	2.0	ND	ug/Kg
Trichlorofluoromethane	2.0	ND	ug/Kg
Vinyl chloride	2.0	ND	ug/Kg
PETROLEUM HYDROCARBONS			
VOLATILE (SOIL)			
DILUTION FACTOR *		1	
DATE ANALYZED		03-09-90	
METHOD GC_FID/5030	•		ma III a
as Gasoline	1	ND 	mg/ Kg
METHOD 8020	2 5		ualVa
Benzene	2.5	ND ND	ug/Kg
Ethylbenzene	2.5	ND ND	ug/Kg
Toluene	2.5	ND ND	ug/Kg
Xylenes, total	2.5	ND	ug/Kg

Client Acct: 18.09 Client Name: Weiss Associates Date: 03-19-90 Page: 3

NET Log No: 1041

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: BH-A 15.7 03-05-90

LAB Job No: (-48135)

Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) METHOD 8010	50 100	ND ND	mg/Kg mg/Kg
DATE ANALYZED DILUTION FACTOR* Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chloroethane 2-Chloroethylvinyl ether Chloroform Chloromethane Dibromochloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropropane cis-1,3-Dichloropropene trans-1,2-Dichloropropene trans-1,3-Dichloropropene Methylene Chloride 1,1,2-Tetrachloroethane Tetrachloroethene 1,1,1-Trichloroethane Trichloroethene 1,1,2-Trichloroethane Trichlorofluoromethane Trichlorofluoromethane Vinyl chloride PETROLEUM HYDROCARBONS VOLATILE (SOIL) DILUTION FACTOR *	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	03-12-90 1 ND	ug/Kg
DATE ANALYZED METHOD GC FID/5030 as Gasoline METHOD 8020	1	03-09-90 ND 	mg/Kg
Benzene Ethylbenzene Toluene Xylenes, total	2.5 2.5 2.5 2.5	ND ND ND ND	ug/Kg ug/Kg ug/Kg ug/Kg

Client Acct: 18.09 Client Name: Weiss Associates NET Log No: 1041 Date: 03-19-90 Page: 4

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: BH-A 29.2 03-05-90 LAB Job No: (-48136)

LAB Job No: (-48136) Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) METHOD 8010	50 100	ND ND	mg/Kg mg/Kg
DATE ANALYZED		03-12-90	
DILUTION FACTOR*		1	114
Bromodichloromethane	2.0	ND	ug/Kg
Bromoform	2.0	ND	ug/Kg
Bromomethane	2.0	ND	ug/Kg
Carbon tetrachloride	2.0	ND	ug/Kg
Chlorobenzene	2.0	ND	ug/Kg
Chloroethane	2.0	ND ND	ug/Kg
2-Chloroethylvinyl ether	5.0	ND ND	ug/Kg ug/Kg
Chloroform	2.0	ND	ug/Kg ug/Kg
Chloromethane	2.0	ND ND	ug/Kg ug/Kg
Dibromochloromethane	2.0	ND	ug/Kg ug/Kg
1,2-Dichlorobenzene 1.3-Dichlorobenzene	2.0 2.0	ND ND	ug/Kg
	2.0	ND	ug/Kg ug/Kg
1,4-Dichlorobenzene	2.0	ND ND	ug/Kg ug/Kg
Dichlorodifluoromethane 1.1-Dichloroethane	2.0	ND	ug/Kg
1,2-Dichloroethane	2.0	6.4	ug/Kg
1,1-Dichloroethene	2.0	ND ND	ug/Kg
trans-1,2-Dichloroethene	2.0	ND	ug/Kg
1,2-Dichloropropane	2.0	ND	ug/Kg
cis-1,3-Dichloropropene	2.0	ND	ug/Kg
trans-1,3-Dichloropropene	2.0	ND	ug/Kg
Methylene Chloride	50	ND	ug/Kg
1,1,2,Tetrachloroethane	2.0	ND	ug/Kg
Tetrachloroethene	2.0	ND	ug/Kg
1,1,1-Trichloroethane	2.0	ND	ug/Kg
1,1,2-Trichloroethane	2.0	ND	ug/Kg
Trichloroethene	2.0	ND	ug/Kg
Trichlorofluoromethane	2.0	ND	ug/Kg
Vinyl chloride	2.0	NĎ	ug/Kg
PETROLEUM HYDROCARBONS			
VOLATILE (SOIL)			
DILUTION FACTOR *		10	
DATE ANALYZED		03-13-90	
METHOD GC FID/5030			•
as Gasoline	1	35	mg/Kg
METHOD 8020			144
Benzene	2.5	230	ug/Kg
[+hu]hanzana	2.5	200	ug/Kg
Ethylbenzene			
Toluene Xylenes, total	2.5 2.5 2.5	ND 640	ug/Kg ug/Kg ug/Kg

Date: 03-19-90 Client Acct: 18.09 Page: 5

Client Name: Weiss Associates

NET Log No: 1041

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

03-05-90 SAMPLE DESCRIPTION: BH-A 41.2

LAB Job No: (-48137)

Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) METHOD 8010	50 100	ND ND	mg/Kg mg/Kg
DATE ANALYZED		03-12-90	
DILUTION FACTOR*		1	
Bromodichloromethane	2.0	ND ND	ug/Kg
Bromoform	2.0	ND ND	ug/Kg
Bromomethane	2.0	ND ND	ug/Kg
Carbon tetrachloride	2.0	ND ND	ug/Kg
Chlorobenzene	2.0	ND ND	ug/Kg
Chloroethane	2.0	ND ND	ug/Kg
2-Chloroethylvinyl ether Chloroform	5.0	ND ND	ug/Kg ug/Kg
	2.0 2.0	ND ND	ug/Kg ug/Kg
Chloromethane	2.0	ND ND	ug/Kg ug/Kg
Dibromochloromethane	2.0	ND ND	ug/Kg ug/Kg
1,2-Dichlorobenzene 1,3-Dichlorobenzene	2.0	ND	ug/Kg ug/Kg
1,4-Dichlorobenzene	2.0	ND	ug/Kg ug/Kg
Dichlorodifluoromethane	2.0	ND	ug/Kg
1,1-Dichloroethane	2.0	ND ND	ug/Kg
1,2-Dichloroethane	2.0	ND	ug/Kg
1,1-Dichloroethene	2.0	ND	ug/Kg
trans-1,2-Dichloroethene	2.0	ND	ug/Kg
1,2-Dichloropropane	2.0	ND	ug/Kg
cis-1,3-Dichloropropene	2.0	ND	ug/Kg
trans-1,3-Dichloropropene	2.0	ND	ug/Kg
Methylene Chloride	50	ND	ug/Kg
1.1.2.Tetrachloroethane	2.0	ND	ug/Kg
Tetrachloroethene	2.0	ND	ug/Kg
1,1,1-Trichloroethane	2.0	ND	ug/Kg
1,1,2-Trichloroethane	2.0	ND	ug/Kg
Trichloroethene	2.0	ND	ug/Kg
Trichlorofluoromethane	2.0	ND	ug/Kg
Vinyl chloride	2.0	NĎ	ug/Kg
PETROLEUM HYDROCARBONS			
VOLATILE (SOIL)			
DILUTION FACTOR *		1	
DATE ANALYZED		03-09-90	
METHOD GC FID/5030			
as Gasoline	1	ПO	mg/Kg
METHOD 8020			
Benzene	2.5	ND	ug/Kg
Ethylbenzene	2.5	ND	ug/Kg
Toluene	2.5	ND	ug/Kg
Xylenes, total	2.5	ND	ug/Kg

Client Acct: 18.09 Client Name: Weiss Associates Date: 03-19-90 Page: 6

NET Log No: 1041

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: BH-A 24.7 LAB Job No: (-48138) 03-05-90

LAB Job No: (-48138) Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) METHOD 8010	50 100	ND ND	mg/Kg mg/Kg
DATE ANALYZED		03-12-90	
DILUTION FACTOR*	2.0	1	ua /Va
Bromodichloromethane	2.0 2.0	ND ND	ug/Kg ug/Kg
Bromoform Bromomethane	2.0	ND	ug/Kg
Carbon tetrachloride	2.0	ND	ug/Kg
Chlorobenzene	2.0	ND	ug/Kg
Chloroethane	2.0	ND	ug/Kg
2-Chloroethylvinyl ether	5.0	ND	ug/Kg
Chloroform	2.0	ND	ug/Kg
Chloromethane	2.0	ND	ug/Kg
Dibromochloromethane	2.0	ND	ug/Kg
1,2-Dichlorobenzene	2.0	ND	ug/Kg
1,3-Dichlorobenzene	2.0	ND	ug/Kg
1,4-Dichlorobenzene	2.0	ND	ug/Kg
Dichlorodifluoromethane	2.0	ND ND	ug/Kg
1,1-Dichloroethane	2.0	ND ND	ug/Kg ug/Kg
1,2-Dichloroethane	2.0 2.0	ND ND	ug/Kg ug/Kg
1,1-Dichloroethene trans-1,2-Dichloroethene	2.0	ND	ug/Kg
1,2-Dichloropropane	2.0	ND	ug/Kg
cis-1,3-Dichloropropene	2.0	ND	ug/Kg
trans-1,3-Dichloropropene	2.0	ND	ug/Kg
Methylene Chloride	50	ND	ug/Kg
1,1,2,Tetrachloroethane	2.0	ND	ug/Kg
Tetrachloroethene	2.0	ND	ug/Kg
1,1,1-Trichloroethane	2.0	ND	ug/Kg
1,1,2-Trichloroethane	2.0	ND	ug/Kg
Trichloroethene	2.0	ND	ug/Kg
Trichlorofluoromethane	2.0	ND	ug/Kg
Vinyl chloride	2.0	ND	ug/Kg
PETROLEUM HYDROCARBONS VOLATILE (SOIL)			
DILUTION FACTOR *		1	
DATE ANALYZED		03-09-90	
METHOD GC FID/5030			
as Gasoline	1	ND	mg/Kg
METHOD 8020	_	_ _	
Benzene	2.5	20	ug/Kg
Ethylbenzene	2.5	ND	ug/Kg
Toluene	2.5	ND	ug/Kg
roraciic	2.5	ND	ug/Kg

Client Acct: 18.09 Client Name: Weiss Associates Date: 03-19-90 Page: 7

NET Log No: 1041

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: BH-A 24.7 03-05-90

LAB Job No: (-48138)

Parameter	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS	_		
EXTRACTABLE (SOIL)			
DILUTION FACTOR *		1	
DATE EXTRACTED		03-09-90	
DATE ANALYZED		03-09-90	
METHOD GC FID/3550			
as Diesel	1	ND	mg/Kg
as Motor Oil	10	ND	mg/Kg

Client Acct: 18.09 Client Name: Weiss Associates

NET Log No: 1041

Date: 03-19-90

Page: 8

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: CS-1,2,3comp03-05-90 LAB Job No: (-48139)

Parameter	Reporting Limit	Results	Units
Oil & Grease (total) Oil & Grease (non-polar) Lead (EPA 7421) Organic Lead PETROLEUM HYDROCARBONS VOLATILE (SOIL)	50 100 0.2 0.05	ND ND 1.8 ND 	mg/Kg mg/Kg mg/Kg mg/Kg
DILUTION FACTOR * DATE ANALYZED METHOD GC FID/5030		1 03-09-90 	
as Gasoline METHOD 8020	1	1.2	mg/Kg
Benzene Ethylbenzene Toluene Xylenes, total	2.5 2.5 2.5 2.5	2.9 ND 3.4 15	ug/Kg ug/Kg ug/Kg ug/Kg

KEY TO ABBREVIATIONS and METHOD REFERENCES

: Less than; When appearing in results column indicates analyte not detected at the value following, which supercedes the listed reporting limit.

mean : Average; sum of measurements divided by number of measurements.

mg/Kg (ppm): Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis

(parts per million).

mg/L : Concentration in units of milligrams of analyte per liter of sample.

mL/L/hr : Milliliters per liter per hour.

MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.

N/A : Not applicable.

NA : Not analyzed.

<

ND : Not detected: the analyte concentration is less than applicable listed

reporting limit.

NTU : Nephelometric turbidity units.

RPD : Relative percent difference, 100 [Value 1 - Value 2]/mean value.

SNA : Standard not available.

ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis

(parts per billion).

ug/L : Concentration in units of micrograms of analyte per liter of sample.

umhos/am : Micramhos per centimeter.

Method References

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

* Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated reporting limits by the dilution factor.

	3 / / /			·· · · · · ·
	/ K	EISS .	ASSOCI	ATES
	5500 Shelimou	nd SL, Em	teryville, C	A 94608
•	Phone: 415-547	7-5420 F	AX: 415-5	47-5043

Shell Service Station A	ddress:
San Leandr	\sim , \subset A
Shell Contact: Paul	Hay-e
WIC #: 204-685	214

	Page of	(O41)
Please send analytic results		1011
and a copy of the signed chain of custo	dy form to:	

Lab Personnel: 1) Specify analytic method and detection limit

Kare	u Sixt	
Project ID:	81-422	E0-

CHAIN-OF-CUSTODY	RECORD	AND	ANALYTIC	INSTRUCTIONS

	Sample	ed by: <u>ICCS</u>		: :		boratory Name		· · ·	in report. 2) Notify us if them on GC or other so 3) ANY QUESTIONS/CL/	cans.	
Analys Hold	No. of Contai	Sample ID	Container Type	Sample :	Vol ²	Fil ³ Ref ⁴	Preservative (specify)	Analyze for	Analytic Hethod	Turn ⁵	COMMENTS
A	_ _ <u>l</u>	BH-A 5.0		3/5/90		<u> </u>		TPH-G, BETX, TOG,	203 D E/8010	N	
H	1	BH-A 15.7						· ·	£\$.		
H	7	BH-A 20.7 BH-A 21.7	2-					" + TPH-D	<i>j</i> +	 ,	
Ā	1	BH-A 27.7						14 . /	Ħ		
11		BH-A 34.	7	_							
<u>A</u> _		BH-A 41.7		4							
A	<u> </u>	C5-2	S/Tw	3/5/	90			TPH-G BETX TOG ,	Pb + orq.Pb	 ;	Please composite These 3 sample
	(<u>cs-3</u>		<u> </u>				·			These 3 sample

Released by (Signature), Date

Received by Lab Personnel, Date

Seal intact?

Received by (Signature), Date shipping Carrier, Method, Date Received by Lab 1

Neiss Assoc 4 N.E.T. 6 NET Facing

6 NET Facific
Affiliation, Telephone

1 Sample Type Codes: W = Water, S = Soil, Describe Other; Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other; Cap Codes: PT = Plastic, Teflon Lined 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)

5 Turnaround (N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)] ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

* SEAL INTACT UPON RECEIPT 3/7/90 1:20p f. Shee

ATTACHMENT B

ANALYTIC REPORTS AND CHAIN-OF-CUSTODY FOR GROUND WATER



NET Pacific, Inc. 435 Tesconi Circle Santa Rosa, CA 95401 Tel: (707) 526-7200 Fax: (707) 526-9623

Karen Sixt Weiss Associates 5500 Shell Mound Rd. Emeryville, CA 94524 Date: 03-20-90

NET Client Acct. No: 18.09 NET Pacific Log No: 1085 Received: 03-09-90 2300

Client Reference Information

SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

Mules Skamarack Aboratory Manager

Enclosure(s)

Client Acct: 18.09 Client Name: Weiss Associates NET Log No: 1085 Date: 03-20-90 Page: 2

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: 030-1 03-08-90

LAB Job No: (-48332) Parameter	Reporting Limit	Results	Units
Oil & Grease, (total) Oil & Grease (non-polar) METHOD 601	5 10	ND ND	mg/L mg/L
DATE ANALYZED		03-14-90	
DILUTION FACTOR*	0.4	1 ND	ua/I
Bromodichloromethane	0.4 0.4	ND ND	ug/L ug/L
Bromoform Bromomethane	0.4	ND	ug/L
Carbon tetrachloride	0.4	ND	ug/L
Chlorobenzene	0.4	ND	ug/L
Chloroethane	0.4	ND	ug/L
2-Chloroethylvinyl ether	1.0	ND	ug/L
Chloroform	0.4	ND	ug/L
Chloromethane	0.4	ND	ug/L
Dibromochloromethane	0.4	ND	ug/L
1,2-Dichlorobenzene	0.4	ND	ug/L
1,3-Dichlorobenzene	0.4	ND	ug/L
1,4-Dichlorobenzene	0.4	ND	ug/L
Dichlorodifluoromethane	0.4	ND	ug/L
1,1-Dichloroethane	0.4	ND	ug/L
1,2-Dichloroethane	0.4	12	ug/L ug/L
1,1-Dichloroethene	0.4	ND ND	ug/L ug/L
trans-1,2-Dichloroethene	0.4 0.4	ND ND	ug/L
1,2-Dichloropropane cis-1,3-Dichloropropene	0.4	ND	ug/L
trans-1,3-Dichloropropene	0.4	ND	ug/L
Methylene Chloride	10	ND	ug/L
1,1,2,2-Tetrachloroethane	0.4	ND	ug/L
Tetrachloroethene	0.4	ND	ug/L
1,1,1-Trichloroethane	0.4	ND	ug/L
1,1,2-Trichloroethane	0.4	ND	ug/L
Trichloroethene	0.4	ND	ug/L
Trichlorofluoromethane	0.4	ND	ug/L
Vinyl chloride	2.0	ND	ug/L
PETROLEUM HYDROCARBONS			
VOLATILE (WATER)			
DILUTION FACTOR *		1	
DATE ANALYZED		03-14-90	
METHOD GC FID/5030	0.05	0.20	mg/L
as Gasoline	0.05	0.29	mg/L
METHOD 602	0.5	1.5	ug/L
Benzene Ethylbenzene	0.5	ND	ug/L
Toluene	0.5	0.8	ug/L
Xylenes, total	0.5	5.4	ug/L
Miches, cocal	0.0	· ·	-3, -

Client Acct: 18.09 Client Name: Weiss Associates Date: 03-20-90 Page: 3

NET Log No: 1085

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

SAMPLE DESCRIPTION: 030-1 LAB Job No: (-48332) 03-08-90

Parameter	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS EXTRACTABLE (WATER) DILUTION FACTOR * DATE EXTRACTED DATE ANALYZED METHOD GC FID/3510 as Diesel as Motor Oil	0.05 0.05	 1 03-14-90 03-17-90 0.12 ND	mg/L mg/L

SAMPLE DESCRIPTION: 030-21 03-08-90

LAB Job No: (-48333)

•	Parameter	Reporting Limit	Results	Units
	PETROLEUM HYDROCARBONS			
	VOLATILE (WATER)			
	DILUTION FACTOR *		1	
	DATE ANALYZED		03-15-90	
	METHOD GC FID/5030			**
	as Gasoline	0.05	ND	mg/L
	METHOD 602	۰	ALD.	
	Benzene	0.5	ND	ug/L
	Ethylbenzene	0.5	ND	ug/L
	Toluene	0.5	ND	ug/L
	Xylenes, total	0.5	ND	ug/L

Client Acct: 18.09 Client Name: Weiss Associates

NET Log No: 1085

Ref: SHELL, 1784 150th Avenue, San Leandro; Project: 81-422-03

Date: 03-20-90

Page: 4

SAMPLE DESCRIPTION: 030-22

03-08-90

LAB Job No: (-48334)

KFY TO ABBREVIATIONS and METHOD REFERENCES

: Less than; When appearing in results column indicates analyte not detected at the value following, which supercedes the

listed reporting limit.

mean : Average; sum of measurements divided by number of measurements.

mg/Kg (ppm): Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis

(parts per million).

mg/L : Concentration in units of milligrams of analyte per liter of sample.

mL/L/hr : Milliliters per liter per hour.

MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.

N/A : Not applicable.

<

NA : Not analyzed.

ND : Not detected; the analyte concentration is less than applicable listed

reporting limit.

NTU : Nephelametric turbidity units.

RPD : Relative percent difference, 100 [Value 1 - Value 2]/mean value.

SNA : Standard not available.

ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis

(parts per billion).

ug/L : Concentration in units of micrograms of analyte per liter of sample.

unhos/an : Micramhos per centimeter.

Method References

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

^{*} Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated reporting limits by the dilution factor.

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Page		or	

10

Phone: 415-547-5420 FAX: 415-547-5043

Shell Service Station Address: 1784 150th Ave SAN Leandro CA WIC #: 204 - 685

Kar	en sixt
Project ID:	81-422-03

and a copy of the signed chain of custody form to:

Please send analytic results

CHAIN-DE-CUSTODY	RECORD	AND	ANALYTIC	INSTRUCTIONS

CHAIN-OF-CUSTODY RECORD AND ANAL	YTIC INSTRUCTIONS		Lab Personnel:	 Specify analytic in report. 		
Sampled by: MWD	Laboratory Na	me: NET/PA	CIFIC	 Notify us if the on GC or other s ANY QUESTIONS/CL 	cans.	
No. of Sample ID Containe Containers Type	r Sample : Vol ² Fil ³ Ro Date	ef ⁴ Preservative (specify)	Analyze for	Analytic Method	Turn ⁵	COMMENTS
	3/8/90 40me N 4 3/8/90 40me N 4 3/8/90 FR N 7 3/8/90 IR N 7	NONE H2504 Vone	PH-G/BETX VOC'S TOG TPH-D PH-G/BETX	\$015 8020 601 503 A & E 8015 8015 8020	2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	50 ppb detection in
Released by (Signature), Date 1 Was ASSOC. Affiliation 12 Received by (Signature), Date	3 Wess 3 Affiliation 4 Shipping Carri	ignature), Date ASSC Public And Associate And Associate Assoc	Refeased by (Signal Saffiliation Received by Lab Pe	12 3/9/90 230		VCS sal intact?
2 Wes 1850C	4 NET P	acitic	Affiliation, Telep	hone		

5 Turnaround [N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)] ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

¹ Sample Type Codes: W = Water, S = Soil, Describe Other; Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other; Cap Codes: PT = Plastic, Teflon Lined & 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)



NET Pacific, Inc. 435 Tesconi Circle Santa Rosa, CA 95401 Tel: (707) 526-7200 Fax: (707) 526-9623

Eric Anderson Weiss Associates 5500 Shell Mound Rd. Emeryville, CA 94524 Date: 06-22-90

NET Client Acct. No: 18.09 NET Pacific Log No: 2446 Received: 06-14-90 0800

REVISED 07-03-90

Client Reference Information

SHELL-1784 150th Ave, San Leandro Proj: 88-422-01

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

dules Skamarack Laboratory Managen

Enclosure(s)

Client Acct: 18.09 Client Name: Weiss Associates

NET Log No: 2446

Date: 06-22-90

Page: 2

Ref: SHELL-1784 150th Ave, San Leandro Proj: 88-422-01

SAMPLE DESCRIPTION: 060-1

06-12-90

LAB Job No: (-55433)

Parameter M	Method	Reporting Limit	Results	Units
	SM503A SM503A/E	5 10	ND ND	mg/L mg/L
DATE ANALYZED DILUTION FACTOR* Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chloroethane 2-Chloroethylvinyl ether Chloroform Chloromethane Dibromochloromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane cis-1,3-Dichloropropene trans-1,2-Dichloropropene trans-1,3-Dichloropropene trans-1,3-Dichloropropene Methylene Chloride 1,1,2,2-Tetrachloroethane Tetrachloroethene 1,1,1-Trichloroethane Trichloroethene Trichlorofluoromethane Trichlorofluoromethane Vinyl chloride		0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	06-18-90 1 ND	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

Client Acct: 18.09

Client Name: Weiss Associates

NET Log No: 2446

Date: 06-22-90

Page: 3

Ref: SHELL-1784 150th Ave, San Leandro Proj: 88-422-01

SAMPLE DESCRIPTION: 060-1 06-12-90

LAB Job No: (-55433)

Parameter	Method	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS				
VOLATILE (WATER)				
DILUTION FACTOR *			1	
DATE ANALYZED			06-19 - 90	
METHOD GC FID/5030		0.05	0.51	mg/L
as Gasoline METHOD 602		0.05	0.51	mg/ L
DILUTION FACTOR *			1	
DATE ANALYZED			06-20 - 90	
Benzene		0.5	86	ug/L
Ethylbenzene		0.5	0.7	ug/L
Toluene		0.5	1.3	ug/L
Xylenes, total		0.5	6.2	ug/L
PETROLEUM HYDROCARBONS EXTRACTABLE (WATER)				
DILUTION FACTOR *			1	
DATE EXTRACTED			06-15-90	
DATE ANALYZED			06-16-90	
METHOD GC FID/3510				
as Diesel		0.05	0.10	mg/L
as Motor Oil		0.5	ND	mg/L

Client Acct: 18.09

Client Name: Weiss Associates

NET Log No: 2446

Date: 06-22-90

Page: 4

Ref: SHELL-1784 150th Ave, San Leandro Proj: 88-422-01

SAMPLE DESCRIPTION: 060-21

06-12-90

LAB Job No: (-55434)

Parameter	Method	Reporting Limit	Results	Units
DETROLEUM HVDDOCADDONG				
PETROLEUM HYDROCARBONS				
VOLATILE (WATER)				
DILUTION FACTOR *			1	
DATE ANALYZED			06-19-90	
METHOD GC FID/5030				
as Gasoline		0.05	ND	mg/L
METHOD 602				
DILUTION FACTOR *			1	
DATE ANALYZED			06-19-90	
Benzene		0.5	ND	ug/L
Ethylbenzene		0.5	ND	ug/L
Toluene		0.5	ND	ug/L
Xylenes, total		0.5	ND	ug/L

KEY TO ABBREVIATIONS and METHOD REFERENCES

 Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.

: Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).

ICVS : Initial Calibration Verification Standard (External Standard).

mean : Average; sum of measurements divided by number of measurements.

mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis

(parts per million).

mg/L : Concentration in units of milligrams of analyte per liter of sample.

mL/L/hr : Milliliters per liter per hour.

MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.

N/A : Not applicable.

NA : Not analyzed.

ND : Not detected; the analyte concentration is less than applicable listed

reporting limit.

NTU : Nephelometric turbidity units.

RPD : Relative percent difference, 100 [Value 1 - Value 2]/mean value.

SNA : Standard not available.

ug/Kg (ppb): Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis

(parts per billion).

ug/L : Concentration in units of micrograms of analyte per liter of sample.

umhos/am : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999; see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

<u>SM</u>: see "Standard Methods for the Examination of Water & Wastewater, 16th Edition, APHA, 1985.

Page	1	of	1

WEISS ASSOCIATES

5500 Shellmound SL, Emergyllle, CA 94608

Phone: 415-547-5420 FAX: 415-547-5043

Shell Service Station Address: 1784 /50 M Ave.
San Leandro, CA
Shell Contact: E. Paul Hares
WIC #: 204- 6852 - 1404

AFE #: 086710

Please send analytic results and a copy of the signed chain of custody form to:

Eviz	An devson
rolect ID:	81-422-01

2446

CHAIN-OF-CUSTODY RECOR	D AND ANALYT	IC INSTRU	CTIONS			· .	Lab Personnel:	1)	Specify analytic	method a	nd detection limit
Sampled by:	n MAH	n n	_ La	borator	y Name:	NET		2) 3)	Notify us if the on GC or other s	cans.	y anomalous peaks ONS: <u>CALL US</u> .
No. of Sample ID Containers	Container Type	Sample Date	Vol ²	Fil ³	Ref ⁴	Preservative (specify)	Analyze for		Analytic Method	Turn ⁵	COMMENTS
3 060-1	w/cv	6/19/90	90ml	<u>N</u>	<u>Y</u> .	None	GAS FEEX		- 8015/8020 PA 601	<u>v</u> .	1
3 060-1 3 060-1 3 060-1	W/CU W/BG W/BG		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Ha504	HVOCS Dicsel TOG GAS+BIZEX	EX	PA 805 PA 503E A 8015/8020		5 pm detion lime
2 [160-21	w/BU.	<u></u>	40m		/	1/mve	<u> </u>	<u> </u>			The Former C
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Received by (Signatur	e), Date		Ship	ping Ca	rrier,	Method, Date	Received by Lab Pe		el, Daté	^ <u>s</u>	eal intact?
2 OPSS	ASSIX	<u></u>	<u> </u>	Liation		<u> </u>	6 NO Paci Affiliation, Telep	hone	0800		

5 Turnaround (N = Normal, \dot{W} = 1 Week, R = 24 Hour, HOLD (write out)) ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

¹ Sample Type Codes: W = Water, S = Soil, Describe Other; Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other; Cap Codes: PI = Plastic, Teflon Lined 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)