



WEISS ASSOCIATES

Geologic and Environmental Services

Fax: 415-547-5043

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5500 Shellmound Street, Emeryville, CA 94608

October 17, 1991

Mr. Scott Seery
Alameda County Department
of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621-1426

Re: Shell Service Station
WIC #204-6852-1404
1784 150th Avenue
San Leandro, California 94578
WA Job #81-422-01

Dear Mr. Seery:

This letter describes Weiss Associates' (WA) **third quarter 1991 activities** at the Shell service station referenced above (Figure 1.) This status report satisfies the quarterly reporting requirements outlined in our February 23, 1990 workplan, and prescribed by California Administrative Code Title 23 Waters, Chapter 3, Subchapter 16, Article 5, Section 265.d. Included below are:

- Descriptions and results of activities performed in the third quarter 1991, and
- Proposed work for the fourth quarter 1991.

THIRD QUARTER 1991 ACTIVITIES

During this quarter, WA:

- Collected ground water samples from the one site well,
- Measured the ground water depth and determined the ground water elevation,
- Analyzed the ground water samples and tabulated the analytic results, and



- Submitted a workplan to the Alameda County Department of Environmental Health (ACDEH) for the installation of two additional ground water monitoring wells.

These activities are described below.

Ground Water Sampling

WA collected ground water samples from monitoring well MW-1 (Figure 2) on September 17, 1991, as part of the quarterly ground water monitoring program at Shell Service Station WIC #204-6852-1404 in San Leandro, California. **The samples contained benzene and 1,2-dichloroethane (1,2-DCA) above California Department of Health Services (DHS) maximum contaminant levels (MCLs) for drinking water.**

Sampling Personnel: WA Environmental Technician Bruce Beale

Method of Purging Well: Dedicated PVC bailer

Volume of Water Purged Prior to Sampling:

- Well MW-1 was purged of four well-casing volumes, about 45 gallons.

Method of Collecting Ground Water Samples:

- Drawn through the sampling port on the side of the dedicated PVC bailer

Methods of Containing Ground Water Samples:

- 40 ml glass volatile organic analysis vials, preserved with hydrochloric acid and packed in protective foam sleeves for total petroleum hydrocarbons as gasoline (TPH-G) and benzene, ethylbenzene, toluene, and xylene (BETX), and halogenated volatile organic compound (HVOC) analyses
- 1000 ml amber glass bottles for total petroleum hydrocarbons as diesel (TPH-D) analysis

All samples were refrigerated and transported under chain-of-custody to the analytical laboratory.

Water Samples Transported to:

- National Environmental Testing Pacific, Inc. (NET), Santa Rosa, California, and were received on September 18, 1991

Quality Assurance / Quality Control:

- A travel blank was submitted for analysis.
- An equipment blank was not necessary because a bailer is dedicated to well MW-1.

Water sample collection records and chain-of-custody forms are included in Attachments A and B, respectively.

Ground Water Elevation

The water depth was measured in well MW-1 on September 17, 1991. **The ground water elevation decreased 1.9 ft from the previous quarter.** Water depth measurements and ground water elevations are presented in Table 1.

Chemical Analyses

The Ground Water Samples were Analyzed for:

- TPH-G by modified EPA Method 8015,
- TPH-D by modified EPA Method 8015,
- BETX by EPA Method 602, and
- HVOCs by EPA Method 601.

The laboratory analyzed the samples on September 22 and 23, 1991. The results are presented in Table 2 and the analytic reports are included in Attachment B.

Discussion of Analytic Results of Ground Water for this Quarter:

- 0.33 parts per million TPH-G were detected in the ground water samples.
- Samples contained benzene and 1,2-DCA above the DHS MCLs for drinking water.

Workplan for Additional Wells

On September 23, 1991, WA submitted a well installation workplan to the ACDEH. The objectives of the proposed subsurface investigation were to determine the sources and horizontal extent of hydrocarbons and other compounds in soil and ground water, and to determine the ground water gradient and flow direction. The investigation will include installing two additional ground water monitoring wells and collecting and analyzing soil and ground water samples. Pending approval of the workplan by the ACDEH, WA expects to begin drilling by late October 1991 and will submit the results of the investigation to the ACDEH within 45 days after completion of the field activities.

ANTICIPATED WORK FOR FOURTH QUARTER 1991

During the fourth quarter 1991, on behalf of Shell Oil, WA plans to:

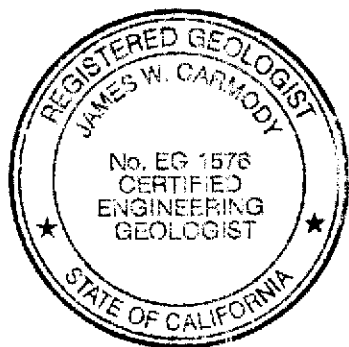
- Continue quarterly sampling of ground water monitoring well MW-1,
- Install two additional ground water monitoring wells as outlined in WA's September 23, 1991 workplan, and
- Prepare a quarterly status report presenting all data generated during the previous quarter including the results of the subsurface investigation and the water sampling and analytic results.

Mr. Scott Seery
October 17, 1991

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WEISS ASSOCIATES 

We trust that this submittal satisfies your requirements. Please call if you have any questions.



Sincerely,
Weiss Associates

Thomas Fojut

Thomas Fojut
Staff Geologist

James W. Carmody

for Joseph P. Theisen, C.E.G.
Senior Project Hydrogeologist

TF/JPT:fer

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Attachments: Figures
Tables

A - Water Sample Collection Records

B - Analytic Report and Chain-of-Custody Form

cc: Kurt Miller, Shell Oil Company, P.O. Box 5278, Concord, California 94520-9998
Lester Feldman, Regional Water Quality Control Board - San Francisco Bay, 2101 Webster
Street, Suite 500, Oakland, California 94612



Figure 1. Site Location Map - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

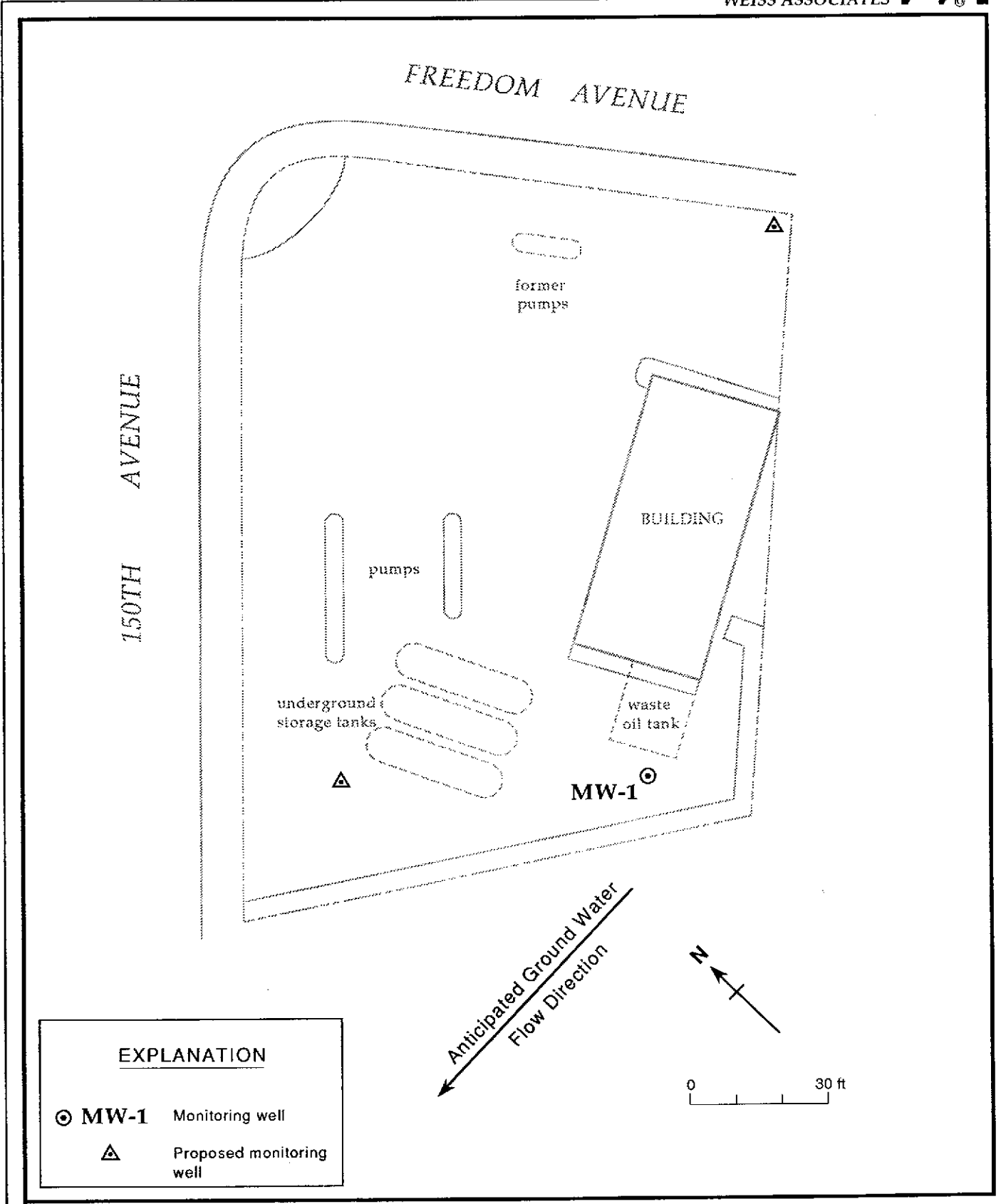


Figure 2. Proposed and Existing Monitoring Well Locations - Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

TABLE 1. Ground Water Elevations, Shell Service Station WIC #204-6852-1404, 1784 150th Avenue, San Leandro, California

Well ID	Date	Top-of-Casing Elevation (ft above msl)	Depth to Water (ft)	Ground Water Elevation (ft above msl)
MW-1	03/08/90	49.13	25.29	23.84
	06/12/90		25.85	23.28
	09/13/90		27.49	21.64
	12/18/90		27.41	21.72
	03/07/91		25.79	23.34
	06/07/91		25.64	23.49
	09/17/91		27.54	21.59

TABLE 2. Analytic Results for Ground Water - Shell Service Station WIC #204-6852-0703, 1784 150th Avenue, San Leandro, California

Well ID	Date Sampled	Depth to Water (ft)	TPH-G	TPH-D ^a	B	E	T	X	TOG	1,2-DCA
			-----mg/L (ppm)----->							
MW-1	03/08/90	25.29	0.51	0.12	0.0015	<0.0005	0.0008	0.0054	<10	0.012
	06/12/90	25.85	0.39	0.10	0.086	0.0007	0.0013	0.0062	<10	<0.0004
	09/13/90	27.49	0.10	0.13	0.056	0.0024	0.00075	0.0028	<10	<0.0004 ^b
	12/18/90	27.41	0.48	<0.05	0.054	0.0033	0.0017	0.0037	<10	0.0053
	03/07/91	25.79	0.08	<0.05	0.026	0.0012	<0.0005	<0.0015	---	0.0067
	06/07/91	25.64	0.51	<0.05	0.130	0.0061	0.0038	0.011	---	0.0079
	09/17/91	27.54	0.33	0.12 ^c	0.067	0.0030	<0.0005	0.0022	---	0.0060
Trip										
Blank	03/08/90		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
	06/12/90		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
	12/18/90		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
	03/07/91		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
	06/07/91		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
	09/17/91		<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
Bailer										
Blank	03/08/90		<0.050	---	<0.0005	<0.0005	<0.0005	<0.0005	---	---
DHS MCLs			NE	NE	0.001	0.680	0.10 ^c	1.750	NE	0.0005

Abbreviations:

TPH-G = Total Petroleum Hydrocarbons as Gasoline by Modified EPA Method 8015
 TPH-D = Total Petroleum Hydrocarbons as Diesel by Modified EPA Method 8015
 B = Benzene by EPA Method 602
 E = Ethylbenzene by EPA Method 602
 T = Toluene by EPA Method 602
 X = Xylenes by EPA Method 602
 TOG = Total non-polar oil and grease by American Public Health Association Standard Methods 503A&E
 1,2-DCA = 1,2-Dichloroethane by EPA Method 601
 --- = Not analyzed
 <n = Not detected above detection limit of n ppm
 DHS MCLs = California Department of Health Services maximum contaminant levels
 NE = Not established

Analytical Laboratory:

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

Notes:

a = Samples analyzed for total petroleum hydrocarbons as motor oil (TPH-M) as part of the TPH-D analysis. No TPH-M has been detected to date above detection limit of 0.5 ppm.
 b = Tetrachloroethene (PCE) detected at 0.024 ppm by EPA Method 601; DHS MCL for PCE = 0.005 ppm.
 c = Result is due to a non-diesel hydrocarbon compound
 d = DHS recommended action level for drinking water; MCL not established



ATTACHMENT A
WATER SAMPLE COLLECTION RECORDS



WATER SAMPLING DATA

Well Name MW-1 Date 9-17-91 Time of Sampling 11:55
 Job Name Shell San Leandro I Job Number 81-422-01 Initials BDB
 Sample Point Description M (M = Monitoring Well)
 Location Southern Corner of Site

WELL DATA: Depth to Water 27.54 ft (static/pumping) Depth to Product — ft.
 Product Thickness — Well Depth — ft (spec) Well Depth 44.75 ft (sounded) Well Diameter 4 in
 Initial Height of Water in Casing 17.71 ft = volume 11.7 gal.
4 Casing Volumes to be Evacuated. Total to be evacuated 44.9 gal.

EVACUATION METHOD: Pump # and type — Hose # and type —
 Bailer# and type 3x3" PVC Dedicated yes (Y/N)
 Other used auto bailer

Evacuation Time: Stop 11:50
 Start 11:05
 Total Evacuation Time 45 min.
 Total Evacuated Prior to Sampling 45.0 gal.
 Evacuation Rate 1.0 gal. per minute

Formulas/Conversions
 r = well radius in ft.
 h = ht of water col in ft.
 vol. in cyl. = $\pi r^2 h$
 7.48 gal/ft³
 V₂" casing = 0.163 gal/ft
 V₃" casing = 0.367 gal/ft
 V₄" casing = 0.653 gal/ft
 V_{4.5}" casing = 0.826 gal/ft
 V₆" casing = 1.47 gal/ft
 V8 casing = 2.61 gal/ft

Depth to Water during Evacuation — ft. — time
 Depth to Water at Sampling 27.65 ft. 11:55 time
 Evacuated Dry? No After — gal. Time —
 80% Recovery = —
 % Recovery at Sample Time — Time —

CHEMICAL DATA: Meter Brand/Number —

Calibration: 4.0 7.0 10.0

Measured: SC/ μ mhos pH T°C Time Volume Evacuated (gal.)

N/A

SAMPLE: Color Greyish-Tan Odor None
 Description of matter in sample: Silty suspended sediment
 Sampling Method: Poured from port of dedicated PVC bailer
 Sample Port: Rate — gpm Totalizer — gal.
 Time —

# of Cont.	Sample ID	Cont. Type ¹	Vol ²	Fil ³	Ref ⁴	Preservative (specify)	Analytic Method	Turn ⁵	LAB
3	091-01	40ml w/cv	40ml	no	yes	None	EPA 8015/602	N	NET
3	091-01	w/cv	40ml	↓	↓	↓	EPA 601	N	NET
3	091-01	w/BG-Pg	12	↓	↓	↓	EPA 8015	N	NET

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 (spell)]

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:



WATER SAMPLING DATA

Well Name Trip Hawks Date 9/17/91 Time of Sampling 08:30
 Job Name San Leandro I Job Number 81-422-01 Initials RDB
 Sample Point Description _____ (M = Monitoring Well)
 Location _____

WELL DATA: Depth to Water _____ ft (static, pumping) Depth to Product _____ ft.
 Product Thickness _____ Well Depth _____ ft (spec) Well Depth _____ ft (sounded) Well Diameter _____ in
 Initial Height of Water in Casing _____ ft. = volume _____ gal.
 Casing Volumes to be Evacuated. Total to be evacuated _____ gal.

EVACUATION METHOD: Pump # and type _____ Hose # and type _____
 Bailers # and type _____ Dedicated _____ (Y/N)
 Other _____

Evacuation Time: Stop _____
 Start _____
 Total Evacuation Time _____

Total Evacuated Prior to Sampling _____ gal.
 Evacuation Rate NA gal. per minute
 Depth to Water during Evacuation _____ ft. _____ time
 Depth to Water at Sampling _____ ft. _____ time
 Evacuated Dry? _____ After _____ gal. Time _____
 80% Recovery = _____
 % Recovery at Sample Time _____ Time _____

Formulas/Conversions

- r = well radius in ft.
- h = ht of water col in ft.
- vol. in cyl. = $\pi r^2 h$
- 7.48 gal/ft³
- V₂" casing = 0.163 gal/ft
- V₃" casing = 0.367 gal/ft
- V₄" casing = 0.653 gal/ft
- V_{4.5}" casing = 0.826 gal/ft
- V₆" casing = 1.47 gal/ft
- V₈ casing = 2.61 gal/ft

CHEMICAL DATA: Meter Brand/Number _____

Calibration: _____ 4.0 _____ 7.0 _____ 10.0

Measured:	SC/ μ mhos	pH	T°C	Time	Volume Evacuated (gal.)

SAMPLE: Color Clear Odor None
 Description of matter in sample: None
 Sampling Method: Distilled water bottle
 Sample Port: Rate _____ gpm Totalizer _____ gal.
 Time _____

# of Cont.	Sample ID	Cont. Type ¹	Vol ²	Fil ³	Ref ⁴	Preservative (specify)	Analytic Method	Turn ⁵	LAB
3	091-21	W/CV	40ml	No	yes	None	EPA 8015/602	N	NET

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 (spell)]
ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

ATTACHMENT B
ANALYTIC REPORT AND CHAIN-OF-CUSTODY FORM



NATIONAL
ENVIRONMENTAL
TESTING, INC.

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

Tom Fojut
Weiss Associates
5500 Shellmound St.
Emeryville, CA 94608

Date: 09-26-91
NET Client Acct. No: 18.09
NET Pacific Log No: 9886
Received: 09-19-91 0800

Client Reference Information

SHELL, 1784 150th Ave, San Leandro, Project: 81-422-01

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:



Jules Skamarack
Laboratory Manager

Enclosure(s)



NET Pacific, Inc

Client Acct: 18.09
 Client Name: Weiss Associates
 NET Log No: 9886

Date: 09-26-91
 Page: 2

Ref: SHELL, 1784 150th Ave, San Leandro, Project: 81-422-01

SAMPLE DESCRIPTION: 091-01 09-17-91

LAB Job No: (-97848)

Parameter	Method	Reporting Limit	Results	Units
METHOD 601				
DATE ANALYZED			09-23-91	
DILUTION FACTOR*			1	
Bromodichloromethane		0.4	ND	ug/L
Bromoform		0.4	ND	ug/L
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
1,1-Dichloroethane		0.4	ND	ug/L
1,1-Dichloroethene		0.4	ND	ug/L
trans-1,2-Dichloroethene		0.4	ND	ug/L
1,2-Dichloropropane		0.4	ND	ug/L
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



NET Pacific, Inc

Client Acct: 18.09
Client Name: Weiss Associates
NET Log No: 9886

Date: 09-26-91
Page: 3

Ref: SHELL, 1784 150th Ave, San Leandro, Project: 81-422-01

SAMPLE DESCRIPTION: 091-01 09-17-91
LAB Job No: (-97848)

Parameter	Method	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS				
VOLATILE (WATER)				
DILUTION FACTOR *			1	
DATE ANALYZED			09-22-91	
METHOD GC FID/5030			--	
as Gasoline		0.05	0.33	mg/L
METHOD 602			--	
DILUTION FACTOR *			1	
DATE ANALYZED			09-22-91	
Benzene		0.5	67	ug/L
Ethylbenzene		0.5	3.0	ug/L
Toluene		0.5	ND	ug/L
Xylenes, total		0.5	2.2	ug/L
PETROLEUM HYDROCARBONS				
EXTRACTABLE (WATER)				
DILUTION FACTOR *			1	
DATE EXTRACTED			09-22-91	
DATE ANALYZED			09-23-91	
METHOD GC FID/3510			--	
as Diesel		0.05	0.12 *	mg/L
as Motor Oil		0.5	ND	mg/L

* NOTE: Petroleum hydrocarbon as diesel result is due to a petroleum hydrocarbon that is lighter than diesel.



NET Pacific, Inc

Client Acct: 18.09
Client Name: Weiss Associates
NET Log No: 9886

Date: 09-26-91
Page: 4

Ref: SHELL, 1784 150th St., San Leandro, Project: 81-422-01

SAMPLE DESCRIPTION: 091-21 09-17-91
LAB Job No: (-97849)

Parameter	Method	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS			--	
VOLATILE (WATER)			--	
DILUTION FACTOR *			1	
DATE ANALYZED			09-22-91	
METHOD GC FID/5030			--	
as Gasoline			0.05	mg/L
METHOD 602			--	
DILUTION FACTOR *			1	
DATE ANALYZED			09-22-91	
Benzene			0.5	ug/L
Ethylbenzene			0.5	ug/L
Toluene			0.5	ug/L
Xylenes, total			0.5	ug/L



NET Pacific, Inc

Client Acct: 18.09
Client Name: Weiss Associates
NET Log No: 9886

Date: 09-25-91
Page: 5

Ref: SHELL, 1784 150th Ave, San Leandro, Project: 81-422-01

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Diesel	0.05	mg/L	97	ND	91	92	1.1
Motor Oil	0.5	mg/L	119	ND	N/A	N/A	N/A

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Gasoline	0.05	mg/L	109	ND	113	116	2.5
Benzene	0.5	ug/L	88	ND	107	107	< 1
Toluene	0.5	ug/L	88	ND	105	105	< 1
Benzene	0.5	ug/L	N/A	ND	108	105	2.8

COMMENT: Blank Results were ND on other analytes tested.

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
Chlorobenzene	0.4	ug/L	120	ND	112	110	2.3
1,1-DCE	0.4	ug/L	126	ND	118	119	1.3
TCE	0.4	ug/L	100	ND	84	84	< 1

COMMENT: Blank Results were ND on other analytes tested.



NET Pacific, Inc

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, (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, $100 \{ \text{Value 1} - \text{Value 2} \} / \text{mean value}$.
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : 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.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

WA WEISS ASSOCIATES
 5500 Shellmound St., Emeryville, CA 94608
 Phone: 415-547-5420 FAX: 415-547-5043

Shell Service Station Address:
1784 150TH AVENUE
SAN LEANDRO, CALIFORNIA
 Shell Contact: KURT MILLER
 WIC #: 204-6852-1404
 APE #: 5461

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

9.8.91

TOM FOJUT

Project ID: 81-422-01

CHAIN-OF-CUSTODY RECORD AND ANALYTIC INSTRUCTIONS

Sampled by: Bruce Beale Laboratory Name: NET Pacific

- Lab Personnel: 1) Specify analytic method and detection limit in report.
 2) Notify us if there are any anomalous peaks on GC or other scans.
 3) ANY QUESTIONS/CLARIFICATIONS: CALL US.

No. of Containers	Sample ID	Container Type	Sample Date	Vol ²	Fil ³	Ref ⁴	Preservative (specify)	Analyze for	Analytic Method	Turn ⁵	COMMENTS
3	091-01	w/cv	9/17/91	40ml	NO	yes	None	TPH-G/BETX	EPA 8015/602	N	
↓	↓	w/cv	9/17/91	40ml	↓	↓	↓	HVOCs	EPA 601	N	
↓	↓	w/BG-Py	9/17/91	1L	↓	↓	↓	TPH-D	EPA 8015	N	
3	091-21	w/cv	9/17/91	40ml	NO	yes	None	TPH-G/BETX	EPA 8015/602	N	

CUSTODY SEALED 9/18/91
 @ 1900 MWT seal intact

1 Bruce Beale 9/17/91
 Released by (Signature), Date 15:30
 1 Weiss Associates
 Affiliation
 2 Maneth Sh 9/18/91
 Received by (Signature), Date
 2 Weiss 9:10
 Affiliation

3 Maneth Sh 9/18/91
 Released by (Signature), Date 16:03
 3 Weiss
 Affiliation
 4 Mike Towan 9/18/91
 Shipping Carrier, Method, Date 16:08
 4 NET
 Affiliation

5 Mike Towan 9/18/91
 Released by (Signature), Date
 5 NET
 Affiliation
 6 Wang 9/19/91
 Received by Lab Personnel, Date Seal Intact? yes
 6 NET Pacific 0800
 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:

Stored overnight 9/17/91 → 9/18/91 in a locked secure place