Weiss Associates Environmental and Geologic Services

5500 Shellmound Street, Emeryville, CA 94608-2411 Fax: 510-547-5043 Phone: **510-450-6000**

December 21, 1995

Scott Seery
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alemeda, California 94502-6577

RE: **Dispenser Replacement Sampling**
Shell Service Station
WIC #204-6138-0303
4226 First Street
Pleasanton, California
WA Job #81-0571-008

Dear Mr. Seery:

On behalf of Shell Oil Products Company (Shell), Weiss Associates (WA) submits this report documenting soil sampling and excavation for the recent fuel dispenser and product piping replacements at the above referenced service station (Figure 1 and 2). The former dispensers and piping were used to pump gasoline from the sites underground storage tanks. The objective of this sampling was to assess whether hydrocarbons are in soil beneath these structures. WA's scope of work, the site background, and the soil sampling results are presented below.

SCOPE OF WORK

WA's scope of work for this investigation was to:

- Collect soil samples from beneath the former dispensers and product piping joints for laboratory analysis;
- Analyze the soil samples for petroleum hydrocarbons;
- Direct overexcavation of hydrocarbon-bearing soil;
- Sample and dispose of the excavated soil; and
- Report the results.

SITE BACKGROUND

Location: The operating Shell service station is located at the southeast corner of First Street and Vineyard Avenue in Pleasanton, California (Figure 1).

Surroundings: Residential and commercial development.

Ground Water Depth: According to Chris Boykin of the Pleasanton Fire Department (PFD), ground water is about 60 ft below ground surface at this site.

INITIAL SAMPLING RESULTS

Parties Present: WA Geologist Faith Daverin collected the soil samples. PFD Inspector Chris Boykin observed and directed the soil sampling. Paradiso Mechanical of San Leandro, California excavated the trenches, removed the product lines, assisted with the sampling and replaced the dispensers and piping.

Sampling Dates: September 8 and 11, 1995.

Number of Initial Samples: Six: Four dispenser samples DP-1(3.0), DP-2(7.5), DP-3(8.0) and DP-4(8.5) were collected at various depths beneath the former dispensers. Product line samples PT-1 and PT-2 were collect beneath former piping joints at 4.0 and 4.5 ft below ground surface (bgs), respectively. PFD inspector Chris Boykin requested that "stained, odorous soil" that she observed be excavated to the extent feasible from beneath the former dispensers. Sample locations are presented on Figure 3.

Soil Sampling Method: Soil samples were collected by driving clean brass tubes into undisturbed soil from the backhoe bucket. All sample tubes were immediately sealed with Teflon sheeting and plastic caps and placed on ice in a cooler for transport to the state-certified analytical laboratory.

Analytical Laboratory: Sequoia Analytical in Redwood City, California.

Analytical Methods: Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) by modified EPA Method 8015 and benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8020. The certified analytical reports and chain-of-custody forms are included in Attachment A.

Analytic Results: Only one sample contained more than 3 parts per million (ppm) TPH-G: **120 ppm TPH-G was detected in soil at 8 ft beneath the former eastern dispenser.** No benzene was detected in any samples, except one where benzene was slightly above the laboratory method detection limit.

SOIL OVEREXCAVATION AND CONFIRMATION SAMPLING

Overexcavation Objective: To remove hydrocarbon-bearing soil to the maximum extent practical beneath the former dispensers.

Overexcavation Dates: **September 8 and 11, 1995.**

Volume Excavated: **About 40 cubic yards of soil were excavated as shown in** Figure 2. About 20 cubic yards of soil were removed in association with the dispenser and piping replacements. **Approximately 20 cubic yards of hydrocarbon-bearing soil, including soil removed during the initial soil sampling,** were overexcavated as shown in Figure 3.

~½ gallon

Hydrocarbons Removed: Based on the average TPH-G concentration of the excavated soil, about 3.4 pounds of hydrocarbons were removed from beneath the site.

Maximum Excavation Depth: **8.5 ft below ground surface.**

Lithology Encountered: Sandy clay to about 8.5 ft depth.

Ground Water Depth: No ground water was encountered.

Sampling Date: September 8 and 11, 1995.

Number of Confirmation Samples: Two: Samples DP-[redacted] and DP-2-SW[redacted]

Analytic Results: No benzene and less than 3 ppm TPH-G were detected in the confirmation samples.

SOIL DISPOSAL

Stockpile Sampling: The soil stockpile was sampled by driving clean brass tubes at least 12 inches below the stockpile surface. The tubes were immediately capped and sealed with Teflon tape and refrigerated for transport to the analytical laboratory. The laboratory composited and analyzed the samples for TPH-G, BTEX and total characteristic leaching potential for metals by EPA Method 6010. The certified analytic report and chain-of-custody form are included in Attachment B.

Soil Transport and Disposal: On September 29, 1995, Manley and Sons Inc. of Sacramento, California transported about **40 cubic yards of soil to Forward Incorporated in Stockton,** California for disposal. The soil disposal confirmation sheet is presented in Attachment B.

CONCLUSIONS

Based on the sampling results, WA concludes that:

- Only one of six soil samples collected from beneath the six former dispensers contained more than 3 ppm TPH-G. No benzene was detected in any of the samples.
- Most of the hydrocarbon-bearing soil was removed from the site. About 20 cubic yards of soil were overexcavated from the dispenser areas.
- **120 ppm TPH-G was left 8.0 ft beneath the south dispensers on the east fuel island.** Benzene, however was below laboratory method detection limits in this sample. Further overexcavation was not possible due to the foundation of the canopy support column.
- Soil samples from beneath the product piping collected adjacent to the west fuel island contained 0.01 ppm benzene. Therefore, the former product piping was probably not a hydrocarbon source to the subsurface.
- Depth to ground water in the site vicinity is about 60 ft below ground surface. Due to the localized and shallow extent of hydrocarbons in soil, it is unlikely that hydrocarbons detected during this sampling event have impacted ground water.

WA trusts that this submittal meets your needs. Please call if you have any questions.

Sincerely,
Weiss Associates

Faith Morris Daverin

Faith Morris Daverin
Staff Geologist

James W. Carmody

James W. Carmody, CHG
Senior Project Hydrogeologist

FMD/JWC:fmd

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Attachments: Figures
Table
A - Certified Analytical Reports and Chain-of-Custody Forms for Soil
B - Soil Disposal Confirmation and Certified Analytical Report for Stockpile Samples

cc: R. Jeff Granberry, Shell Oil Products Company, PO Box 4023, Concord, CA 94524
Jeff Byram, Shell Oil Products Company, PO Box 4023, Concord, CA 94524
Kevin Graves, Regional Water Quality Control Board - San Francisco Bay, 2101 Webster Street, Suite 500, Oakland, CA 94612
Chris Boykin, Pleasanton Fire Department, P.O. Box 520, Pleasanton, CA 94566

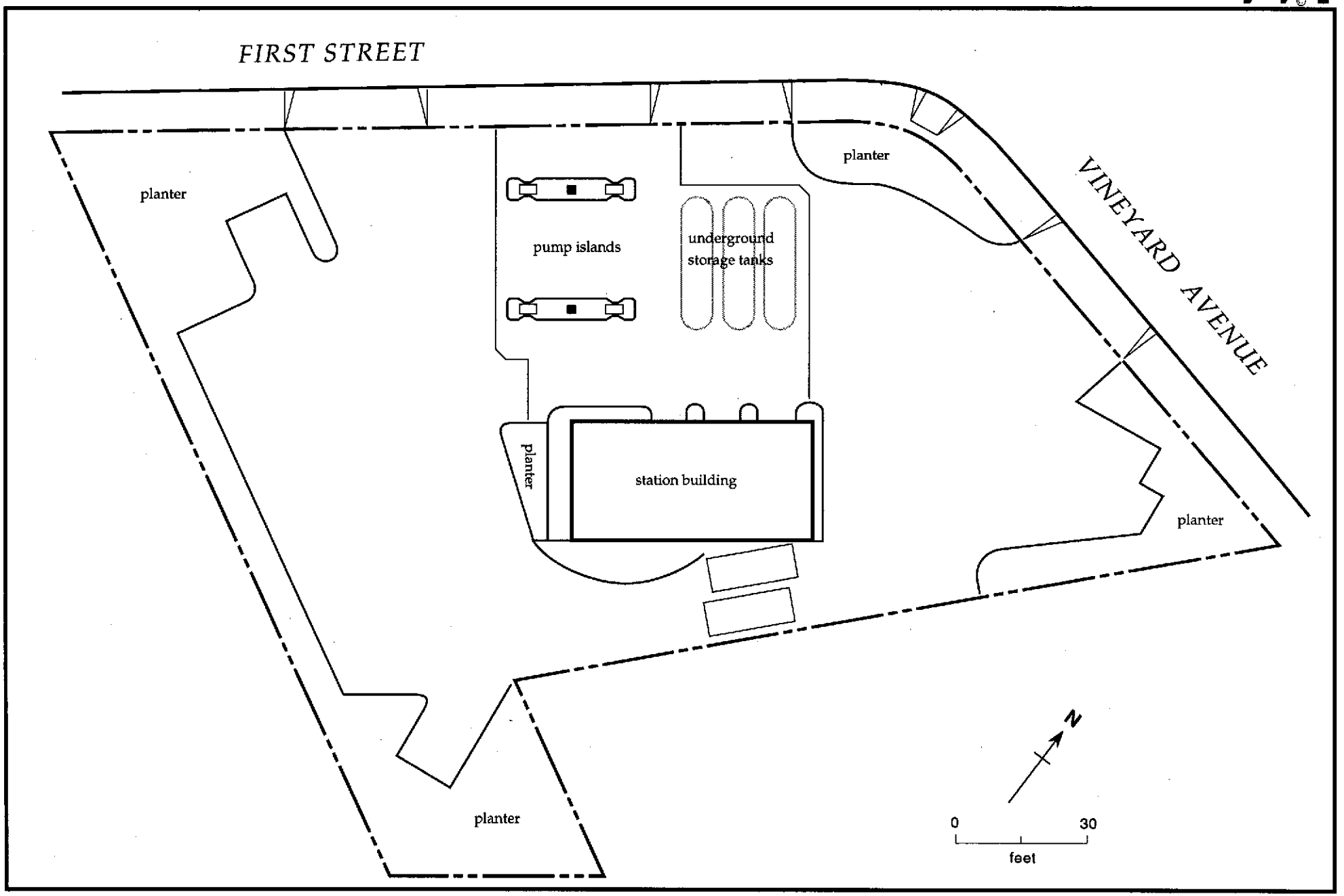

Figure 2. Site Layout - Shell Service Station WIC #204-6138-0303 - 4226 First Street, Pleasanton, California

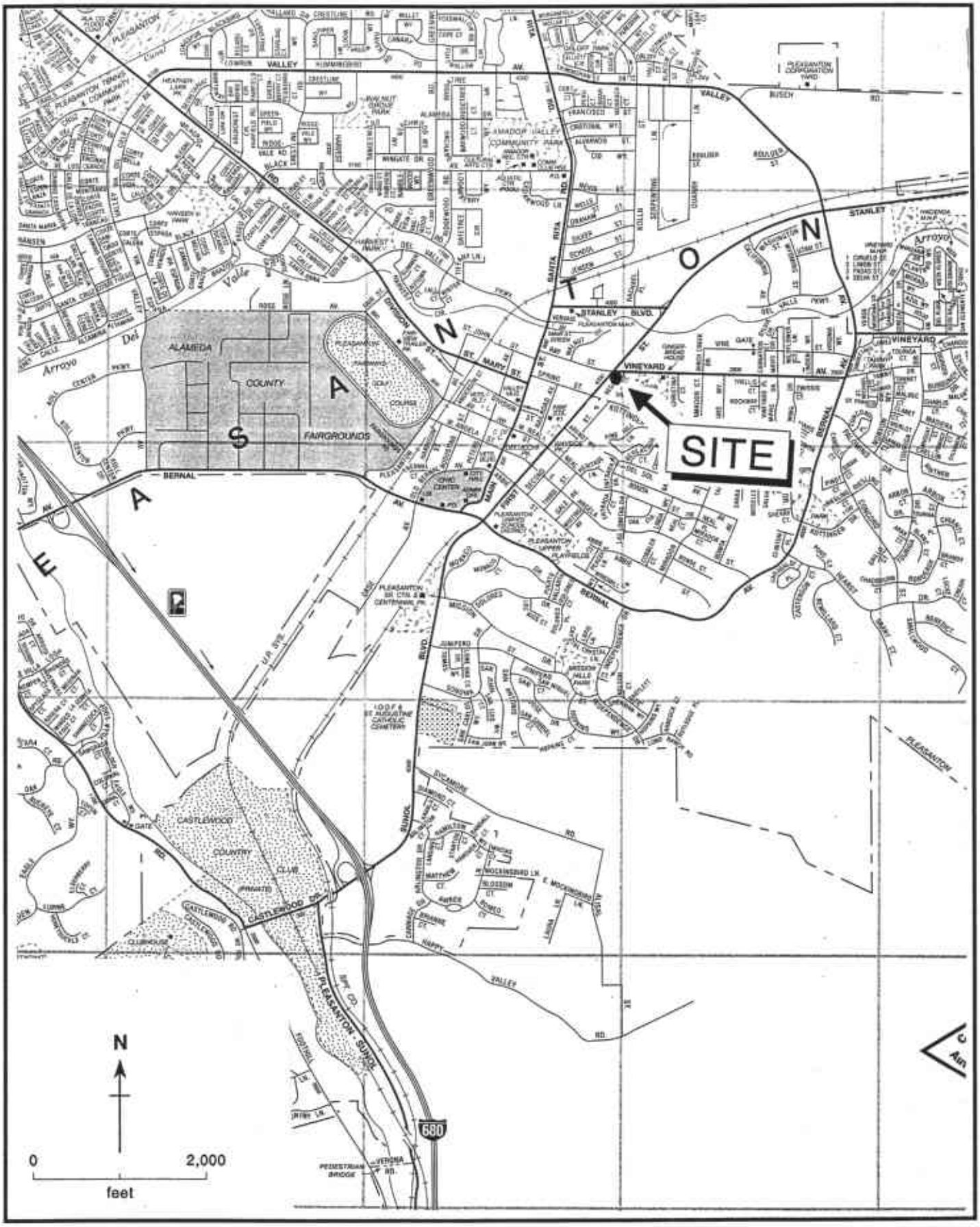

Figure 1. Site Location Map - Shell Service Station WIC #204-6138-0303, 4226 First Street, Pleasanton, California

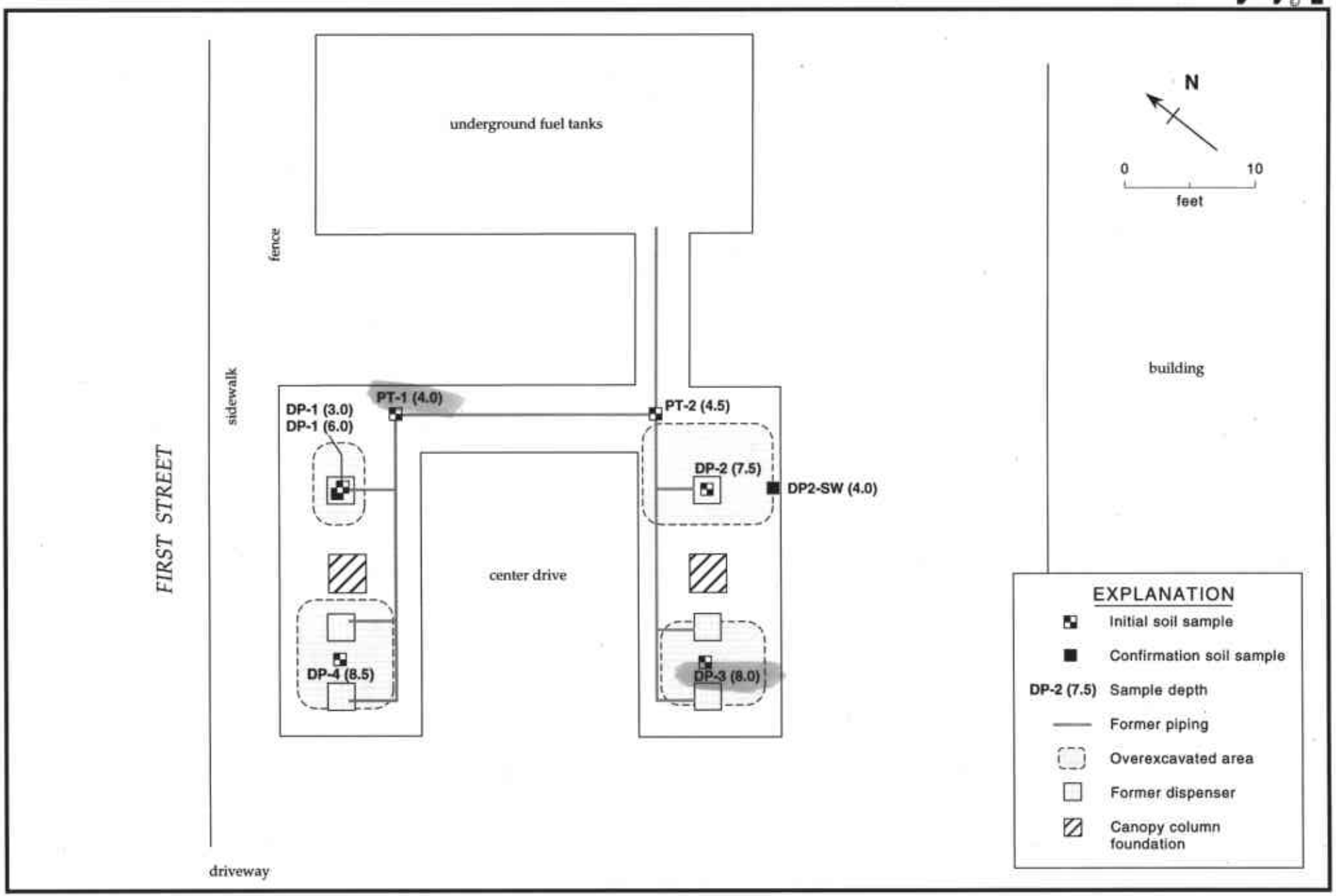

Figure 3. Soil Sample Locations - Shell Service Station WIC #204-6138-0303, 4226 First Street, Pleasanton, California

Table 1. Analytic Results for Soil - Shell Service Station, WIC #204-6138-0303, 4226 First Street, Pleasanton, California

Sample ID	Sample Depth (ft)	Date Sampled	TPH-G	B	T	E	X
			<---------- parts per million (mg/kg) ---------->				
Initial Soil Samples							
DP-1	3.0	09/08/95	1.3	<0.005	<0.005	<0.005	<0.005
DP-2	7.5	09/08/95	<1.0	<0.005	<0.005	<0.005	<0.005
DP-3	8.0	09/08/95	**120**	<0.12	<0.12	<0.12	<0.12
DP-4	8.5	09/08/95	<1.0	<0.005	<0.005	<0.005	<0.005
PT-1	4.0	09/08/95	2.5	**0.0080**	<0.005	0.038	0.19
PT-2	4.5	09/08/95	<1.0	<0.005	<0.005	<0.005	<0.005
Confirmation Soil Samples							
DP-1	6.0	09/11/95	2.5	<0.005	<0.005	0.020	0.035
DP-2-SW	4.0	09/08/95	1.7	<0.005	<0.005	0.0075	0.017

Abbreviations

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015
B = Benzene by EPA Method 8020
T = Toluene by EPA Method 8020
E = Ethylbenzene by EPA Method 8020
X = Xylenes by EPA Method 8020
<n = Not detected at detection limit of n ppm
DP = Soil Sample collected beneath former dispenser
PT = Soil Sample collected beneath former product line

Analytical Laboratory:

Sequoia Analytical of Redwood City, California

j:\shell\0571\reports\soiltest.doc

Weiss Associates

ATTACHMENT A

CERTIFIED ANALYTICAL REPORTS AND
CHAIN OF CUSTODY FORMS FOR SOIL

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Faith Daverin

Project: Shell 4226 First St., Pleasan

Enclosed are the results from samples received at Sequoia Analytical on September 8, 1995. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9509338 -01	SOLID, DP1-3.0	09/08/95	TPHGBS Purgeable TPH/BTEX
9509338 -02	SOLID, DP2-7.5	09/08/95	TPHGBS Purgeable TPH/BTEX
9509338 -03	SOLID, DP2-SW-4.0	09/08/95	TPHGBS Purgeable TPH/BTEX
9509338 -04	SOLID, DP3-8.0	09/08/95	TPHGBS Purgeable TPH/BTEX
9509338 -05	SOLID, DP4-8.5	09/08/95	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: DP1-3.0	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/11/95
Attention: Faith Daverin	Lab Number: 9509338-01	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**1.3**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	184 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: DP2-7.5	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/11/95
Attention: Faith Daverin	Lab Number: 9509338-02	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	181 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: DP2-SW-4.0	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/11/95
Attention: Faith Daverin	Lab Number: 9509338-03	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**1.7**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.0075**
Xylenes (Total)	**0.0050**	**0.017**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	164 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: DP3-8.0	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/11/95
Attention: Faith Daverin	Lab Number: 9509338-04	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**25**	**120**
Benzene	0.12	N.D.
Toluene	0.12	N.D.
Ethyl Benzene	0.12	N.D.
Xylenes (Total)	0.12	N.D.
Chromatogram Pattern:		**C9-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: DP4-8.5	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/11/95
Attention: Faith Daverin	Lab Number: 9509338-05	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	173 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Received: 09/08/95
5500 Shellmound		
Emeryville, CA 94608	Lab Proj. ID: 9509338	Reported: 09/12/95
Attention: Faith Daverin		

LABORATORY NARRATIVE

#Q - Surrogate co-elution was confirmed.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Faith Daverin

Client Project ID: Shell 4226 First St., Pleasan
Matrix: Solid
Work Order #: 9509338 -01- 05

Reported: Sep 12, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC091195BTEXEXA	GC091195BTEXEXA	GC091195BTEXEXA	GC091195BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	G. Garcia	G. Garcia	G. Garcia	G. Garcia
MS/MSD #:	9508M8501	9508M8501	9508M8501	9508M8501
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/11/95	9/11/95	9/11/95	9/11/95
Analyzed Date:	9/11/95	9/11/95	9/11/95	9/11/95
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
Result:	0.16	0.17	0.17	0.50
MS % Recovery:	80	85	85	83
Dup. Result:	0.16	0.16	0.16	0.49
MSD % Recov.:	80	80	80	82
RPD:	0.0	6.1	6.1	2.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				

MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No:_____

Date: 9/8/95
Page 1 of 1

Site Address: 4226 FIRST STREET, PLEASANTON, CA

LAB: SEQUOIA

WIC#: 204-6138-0303

Shell Engineer: Jeff Bryam
Phone No.:
Fax #:

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: Faith Davern
Phone No.: (510) 450-6000
Fax #: 547-5043

WA JOB #81-0571-008

Comments: Dispenser Upgrade

Sampled by: Faith Davern

Printed Name: Faith Davern

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
01 DP1-3.0	9/8/95		X			1						X						N	Do not Composite.	
02 DP2-7.5	↓		X			1						X						N		
03 DP2-SW-4.0			X			1						X						N	9509338	
04 DP3-8.0			X			1						X						N		
05 DP4-8.5	↓		X			1						X						N		

CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME

- G.W. Monitoring ☐ 4461
- Site Investigation ☒ 4441
- Soil Classify/Disposal ☐ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME: 24 hours ☒ *; 48 hours ☒ *; 15 days ☐ (Normal); Other ☐ _____

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

UST AGENCY: _____

Relinquished By (signature)	Printed Name	Date	Time	Received (signature)	Printed Name	Date	Time
Faith Davern	Faith Davern	9/8/95	1553				
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
Relinquished By (signature):	Printed Name:	Date:	Time:	Received (signature):	Printed Name:	Date:	Time:
					J. Baeg	9-8-95	1553

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Rev. 1/12/93

Shell Oil Chn. of Custody

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Faith Daverin

Project: Shell 4226 First St., Pleasan

Enclosed are the results from samples received at Sequoia Analytical on September 12, 1995. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9509545 -01	SOLID, DP1-6.0	09/11/95	TPHGBS Purgeable TPH/BTEX
9509545 -02	SOLID, PT1-4.0	09/11/95	TPHGBS Purgeable TPH/BTEX
9509545 -03	SOLID, PT2-4.5	09/11/95	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/11/95
5500 Shellmound	Sample Descript: DP1-6.0	Received: 09/12/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/13/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/13/95
Attention: Faith Daverin	Lab Number: 9509545-01	Reported: 09/13/95

QC Batch Number: GC091395BTEXEXA
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**2.5**
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.020**
Xylenes (Total)	**0.0050**	**0.035**
Chromatogram Pattern:		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/11/95
5500 Shellmound	Sample Descript: PT1-4.0	Received: 09/12/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/13/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/13/95
Attention: Faith Daverin	Lab Number: 9509545-02	Reported: 09/13/95

QC Batch Number: GC091395BTEXEXA
Instrument ID: GCHP01

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**1.0**	**2.5**
Benzene	**0.0050**	**0.0080**
Toluene	0.0050	N.D.
Ethyl Benzene	**0.0050**	**0.038**
Xylenes (Total)	**0.0050**	**0.19**
Chromatogram Pattern:		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	114

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/11/95
5500 Shellmound	Sample Descript: PT2-4.5	Received: 09/12/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/13/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/13/95
Attention: Faith Daverin	Lab Number: 9509545-03	Reported: 09/13/95

QC Batch Number: GC091395BTEXEXA
Instrument ID: GCHP1

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	109

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Project ID:	Shell 4226 First St., Pleasan	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Faith Daverin	Work Order #:	9509545 -01- 03	Reported: Sep 18, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC091395BTEXEXA	GC091395BTEXEXA	GC091395BTEXEXA	GC091395BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	G. Garcia	G. Garcia	G. Garcia	G. Garcia
MS/MSD #:	950914602	950914602	950914602	950914602
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/13/95	9/13/95	9/13/95	9/13/95
Analyzed Date:	9/13/95	9/13/95	9/13/95	9/13/95
Instrument I.D.#:	GCHP18	GCHP18	GCHP18	GCHP18
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
Result:	0.14	0.14	0.16	0.44
MS % Recovery:	70	70	80	73
Dup. Result:	0.14	0.15	0.15	0.44
MSD % Recov.:	70	75	75	73
RPD:	0.0	6.9	6.5	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				

MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 9509545

Date: 9/11/95
Page 1 of 1

Site Address: 4226 First Street, Pleasanton, Ca

WIC#: 204-6138-0303

Shell Engineer: Jeff Bryam
Phone No.:
Fax #:

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: Faith Daverin
Phone No.: (510) 450-6000
Fax #: 547-5043

WA JOB #81-0521-008

Comments: Dispenser Upgrade

Sampled by: Faith Daverin

Printed Name: Faith Daverin

LAB: Sequoia

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
DP1-6.0	9/11/95		X			1						X								C1
PT1-4.0	"		X			1						X								C2
PT2-4.5	"		X			1						X								C3

CHECK ONE (1) BOX ONLY | CT/DT | TURN AROUND TIME

- G.W. Monitoring ☐ 4461
- Site Investigation ☒ 4441
- Soil Classify/Disposal ☐ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME
- 24 hours ☒ ←
- 48 hours ☒
- 15 days ☐ (Normal)
- Other ☐ ____

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

UST AGENCY: ____

Relinquished By (signature): Faith Daverin	Printed Name: Faith Daverin	Date: 9/12/95 Time: 1300	Received (signature):	Printed Name: Gary Tolesi	Date: 9/12/95 Time: 1300
Relinquished By (signature):	Printed Name: Gary Tolesi	Date: 9/12 Time: 3:10	Received (signature):	Printed Name:	Date: Time:
Relinquished By (signature):	Printed Name:	Date: Time:	Received (signature):	Printed Name: P. HUFANO	Date: 9/12/95 Time: 1510

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Rev. 1/15/93

Shell Oil Chain of Custody

ATTACHMENT B

SOIL DISPOSAL CONFIRMATION AND CERTIFIED ANALYTICAL REPORT FOR STOCKPILE SAMPLES

DISPOSAL CONFIRMATION

Consultant:	WEISS ASSOCIATES
Contact:	FAITH DAVERIN
Phone/Fax:	(510) 547-5420 FAX (510) 547-5043
Client:	SHELL OIL CO. - JEFF BYRAM \ JEFF GRANBERRY
Station #/Wic #:	204-6138-0303
Site Address:	4226 1ST STREET
City/State:	PLEASANTON, CA
Estimated YD/Ton:	40 YARDS
Actual YD/Ton:	53.44 TONS
Disposal Facility:	FORWARD LANDFILL
Disposal Date:	SEPTEMBER 29, 1995
Contact:	SETH CATALLI
Phone #:	(209) 982-4298
Hauler:	MANLEY & SONS TRUCKING, INC.
Contact:	TIM A. MANLEY
Phone #:	(916) 381-6864
Fax #:	(916) 381-1573

Date & Time Faxed

3596

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Faith Daverin

Project: Shell 4226 First St., Pleasan

Enclosed are the results from samples received at Sequoia Analytical on September 8, 1995. The requested analyses are listed below:

SAMPLE #	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
9509356 -01	SOLID, SP-A1	09/08/95	TPHGBS Purgeable TPH/BTEX
9509356 -02	SOLID, SP-B1	09/08/95	TPHGBS Purgeable TPH/BTEX
9509356 -03	SOLID, SP-C1	09/08/95	TPHGBS Purgeable TPH/BTEX
9509356 -04	SOLID, SP-(A-D)1Comp/ SP-D1	09/08/95	ITTLCS Title 22: Metals, T
9509356 -04	SOLID, SP-(A-D)1Comp/ SP-D1	09/08/95	TPHGBS Purgeable TPH/BTEX

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: SP-A1	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/12/95
Attention: Faith Daverin	Lab Number: 9509356-01	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**2.5**	**19**
Benzene	0.012	N.D.
Toluene	**0.012**	**0.029**
Ethyl Benzene	**0.012**	**0.032**
Xylenes (Total)	**0.012**	**0.064**
Chromatogram Pattern:		**C6-C12**

Surrogates	**Control Limits %**		**% Recovery**
Trifluorotoluene	70	130	147 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: SP-B1	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/12/95
Attention: Faith Daverin	Lab Number: 9509356-02	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**78**
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	**0.050**	**0.12**
Xylenes (Total)	**0.050**	**0.96**
Chromatogram Pattern:		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	104

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: SP-C1	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/12/95
Attention: Faith Daverin	Lab Number: 9509356-03	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXA
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	133 Q

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: SP-(A-D)1Comp/ SP-D1	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	
	Analysis Method: Title 22	Analyzed:
Attention: Faith Daverin	Lab Number: 9509356-04	Reported: 09/12/95

Inorganic Persistent and Bioaccumulative Toxic Substances : TTLC

Analyte	Max. Limit mg/Kg	Detection Limit mg/Kg	Sample Results mg/Kg
Antimony, Sb	500	5.0	N.D.
Arsenic, As	500	5.0	N.D.
Barium, Ba	**10000**	**5.0**	**140**
Beryllium, Be	75	0.50	N.D.
Cadmium, Cd	100	0.50	N.D.
Chromium, Cr	**2500**	**0.50**	**47**
Chromium, Cr (VI)	**500**	**0.050**	-
Cobalt, Co	**8000**	**2.5**	**9.7**
Copper, Cu	**2500**	**0.50**	**17**
Lead, Pb	**1000**	**5.0**	**8.0**
Mercury, Hg	**20**	**0.020**	**0.037**
Molybdenum, Mo	3500	2.5	N.D.
Nickel, Ni	**2000**	**2.5**	**37**
Selenium, Se	100	5.0	N.D.
Silver, Ag	500	0.50	N.D.
Thallium, Tl	700	5.0	N.D.
Vanadium, V	**2400**	**2.5**	**36**
Zinc, Zn	**5000**	**0.50**	**88**
Asbestos, fibers/g	10000		- -
Fluoride salts	18000	1.0	- -

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Proj. ID: Shell 4226 First St., Pleasan	Sampled: 09/08/95
5500 Shellmound	Sample Descript: SP-(A-D)1Comp/ SP-D1	Received: 09/08/95
Emeryville, CA 94608	Matrix: SOLID	Extracted: 09/11/95
	Analysis Method: 8015Mod/8020	Analyzed: 09/12/95
Attention: Faith Daverin	Lab Number: 9509356-04	Reported: 09/12/95

QC Batch Number: GC091195BTEXEXB
Instrument ID: GCHP18

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	**10**	**39**
Benzene	0.050	N.D.
Toluene	0.050	N.D.
Ethyl Benzene	0.050	N.D.
Xylenes (Total)	**0.050**	**0.19**
Chromatogram Pattern:		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates 5500 Shellmound Emeryville, CA 94608 Attention: Faith Daverin	Client Proj. ID: Shell 4226 First St., Pleasan Lab Proj. ID: 9509356	Received: 09/08/95 Reported: 09/12/95

LABORATORY NARRATIVE

#Q - Surrogate co-elution was confirmed.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates	Client Project ID:	Shell 4226 First St., Pleasan	
5500 Shellmound	Matrix:	Solid	
Emeryville, CA 94608			
Attention: Faith Daverin	Work Order #:	9509356 -01- 04	Reported: Sep 13, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC091195BTEXEXA	GC091195BTEXEXA	GC091195BTEXEXA	GC091195BTEXEXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	G. Garcia	G. Garcia	G. Garcia	G. Garcia
MS/MSD #:	9508M8501	9508M8501	9508M8501	9508M8501
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	9/11/95	9/11/95	9/11/95	9/11/95
Analyzed Date:	9/11/95	9/11/95	9/11/95	9/11/95
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	0.20 mg/Kg	0.20 mg/Kg	0.20 mg/Kg	0.60 mg/Kg
Result:	0.16	0.17	0.17	0.50
MS % Recovery:	80	85	85	83
Dup. Result:	0.16	0.16	0.16	0.49
MSD % Recov.:	80	80	80	82
RPD:	0.0	6.1	6.1	2.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:				
Prepared Date:				
Analyzed Date:				
Instrument I.D.#:				
Conc. Spiked:				
LCS Result:				
LCS % Recov.:				
MS/MSD LCS Control Limits	55-145	47-149	47-155	56-140

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Weiss Associates
5500 Shellmound
Emeryville, CA 94608
Attention: Faith Daverin

Client Project ID: Shell 4226 First St., Pleasan
Matrix: Solid
Work Order #: 9509356-04

Reported: Sep 13, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Mercury
QC Batch#:	ME0911956010MDE	ME0911956010MDE	ME0911956010MDE	ME0911956010MDE	ME0911957471M4B
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 7471
Prep. Method:	EPA 3050	EPA 3050	EPA 3050	EPA 3050	EPA 7471
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	T. Hua
MS/MSD #:	950936201	950936201	950936201	950936201	950836201
Sample Conc.:	0.64	N.D.	18	19	N.D.
Prepared Date:	9/11/95	9/11/95	9/11/95	9/11/95	9/11/95
Analyzed Date:	9/12/95	9/12/95	9/12/95	9/12/95	9/11/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MPE4
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg	0.20 mg/Kg
Result:	97	93	120	110	0.21
MS % Recovery:	96	93	102	91	105
Dup. Result:	99	97	110	110	0.20
MSD % Recov.:	98	97	92	91	100
RPD:	2.0	4.2	8.7	0.0	4.9
RPD Limit:	0-30	0-30	0-30	0-30	0-30
LCS #:	BLK091195	BLK091195	BLK091195	BLK091195	BLK091195
Prepared Date:	9/11/95	9/11/95	9/11/95	9/11/95	9/11/95
Analyzed Date:	9/12/95	9/12/95	9/12/95	9/12/95	9/11/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	MPE4
Conc. Spiked:	100 mg/Kg	100 mg/Kg	100 mg/Kg	100 mg/Kg	0.20 mg/Kg
LCS Result:	110	110	110	110	0.18
LCS % Recov.:	110	110	110	110	90
MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

SHELL OIL COMPANY
RETAIL ENVIRONMENTAL ENGINEERING - WEST

CHAIN OF CUSTODY RECORD
Serial No: 9509356

Date: 9/8/95
Page 1 of 1

Site Address: 4226 First Street, Pleasanton, CA

WIC#: 204-6139-0303

Shell Engineer: Jeff Bryam
Phone No.:
Fax #:

Consultant Name & Address: WEISS ASSOCIATES 5500 SHELLMOUND ST EMERYVILLE CA 94608

Consultant Contact: Faith Daverin
Phone No.: (510) 450-6000
Fax #: 547-5043

WA JOB # 81-D571-008

Comments: DISPOSAL (SOIL)

Sampled by: Faith Daverin

Printed Name: Faith Daverin

LAB: Seq0019

Analysis Required

Sample ID	Date	Sludge	Soil	Water	Air	No. of conts.	TPH (EPA 8015 Mod. Gas)	TPH (EPA 8015 Mod. Diesel)	BTEX (EPA 8020/602)	Volatile Organics (EPA 8240)	Test for Disposal	Combination TPH 8015 & BTEX 8020			Asbestos	Container Size	Preparation Used	Composite Y/N	MATERIAL DESCRIPTION	SAMPLE CONDITION/ COMMENTS
A SP-A1	9/8/95		X			1					X							Y	Please composite and	
B SP-B1			X			1					X							Y	analyze per	Shell's minimum
C SP-C1			X			1					X							Y	requirements	for soil
D SP-D1			X			1					X							Y	Impacted with gasoline UST related.	

CHECK ONE (1) BOX ONLY | CT/DT
- G.W. Monitoring ☐ 4461
- Site Investigation ☐ 4441
- Soil Classify/Disposal ☒ 4442
- Water Classify/Disposal ☐ 4443
- Soil/Air Rem. or Sys. O & M ☐ 4452
- Water Rem. or Sys. O & M ☐ 4453
- Other ☐

TURN AROUND TIME
- 24 hours ☐
- 48 hours ☒
- 15 days ☐ (Normal)
- Other ☐ ____

NOTE: Notify Lab as soon as Possible of 24/48 hrs. TAT.

UST AGENCY: ____

Relinquished By (signature)	Printed Name	Date	Time	Received (signature)	Printed Name	Date	Time
Faith Daverin	Faith Daverin	9/8/95	1553				
				J. Baig	J. BAIG	9-8-95	1553

THE LABORATORY MUST PROVIDE A COPY OF THIS CHAIN-OF-CUSTODY WITH INVOICE AND RESULTS

Rev. 7/12/93

Shell Oil Chain of Custody