CONVERSE ENVIRONMENTAL WEST

55 Hawthorne Street, Suite 500
San Francisco, California 94105-3906

Telephone **415 543-4200**
FAX 415 777-3157

March 8, 1990
88-44-380-40-469

Mr. Larry Seto
Alameda County Health Care Services Agency
Department of Environmental Hazardous Material
80 Swan Way, Room 200
Oakland, California 94621

Subject: Site Restoration Plan and Schedule
2724 Castro Valley Boulevard
Castro Valley, California

Dear Mr. Seto:

This letter is a request by Shell Oil Company (Shell) to proceed with excavation, backfilling and site restoration at 2724 Castro Valley Boulevard, to return the site to useable condition with negligible residual soil contamination. Background information, copies of lab data, and a summary of current site conditions are provided to assist you in promptly approving this action.

BACKGROUND

Over the past four years Shell and its environmental consultants Blaine Technical Services, Woodward-Clyde Consultants, Crosby and Overton, and Converse Environmental West (CEW) have investigated the extent of soil contamination associated with underground storage tanks and product lines at the former Shell gasoline station at the subject address. First environmental activities were initiated in November, 1986, when Shell replaced the waste oil tank and discovered minor soil contamination in tank backfill. In March, 1989, Shell removed the underground gasoline storage tanks and discovered subjacent soil contamination.

Shell expanded the size of the initial excavation in three subsequent stages. The excavation was expanded first around the former tanks, then to the south, towards Castro Valley Boulevard. Finally the excavation was expanded to the west, under the former pump islands (Drawing 1). Part of the excavation was backfilled and restored to grade in July 1989 (Drawing 1), upon demonstration

through verification samples that the sidewall soils lacked detectable levels petroleum hydrocarbons.

Approximately 1200 cubic yards of soil were removed in these excavations. This soil was piled temporarily onsite and partly covered with plastic to control passive aeration. The soil was disposed of at Buttonwillow, California, a Class 1 hazardous waste disposal site, on June 23 - June 30, 1989, July 6 - July 13, 1989 and October 10 - 12, 1989. Crosby and Overton, a licensed waste transporter, handed the soil under proper manifests (Exhibit A). No soil spoils remain onsite.

A summary of the sampling and analytical history of the site is provided in the attached exhibits. Table 1 presents a chronological summary for the site, including the references to the stages of excavation which were conducted. Table 2 provides a summary of the soil analytical results from sidewall samples and verification samples taken from the various stages of the excavations.

CEW has provided periodic progress reports on activities on this site since CEW began consulting for Shell in May 1989. These reports have been presented on the following dates: July 11, 1989, July 27, 1989, September 29, 1989, October 11, 1989, October 31, 1989, November 30, 1989, and two reports on January 16, 1990. Copies of the reports are attached for your reference (Exhibit B).

CURRENT SITE CONDITIONS

The present site conditions are summarized in Drawing 1. This diagram shows the extent of the currently open soil excavation, as well as the locations and analytical results of all soil samples that have been taken from this excavation.

What about four samples 23 23 locations and 16 ?

The last round of soil samples, taken from sidewalls at the maximum extent of the excavation, verify that the lateral extent of soil contamination has been defined and removed completely by excavation. Only a small amount of residual contamination remains onsite, at the northeast corner of the stage 1 excavation (backfilled). This residual contamination is not accessible by excavation equipment because buildings are in the way. This area will be investigated with further borings, as appropriate.

As demonstrated by hydrogeologic information presented in the CEW letter to you dated January 16, 1990 (Exhibit B), the vertical extent of soil contamination is defined as the water table at approximately 10 to 12 feet below grade.

Verification sampling of the excavation indicates removal of known soil contamination essentially to this water table, establishing complete removal of the vertical extent of unsaturated soil contamination. As discussed by CEW (January, 1990), soil contamination at -12' (Table 3) is essentially in the saturated zone, and will be subject to groundwater remediation.

PLANNED ACTIVITIES

Program I of the Revised Project Work Plan dated January 16, 1990 is complete, and Shell is prepared to proceed with Program II of that Work Plan, Site Restoration. This letter is a notification that Shell Oil Company intends to proceed with backfilling the excavation and restoring the site to grade at the at the earliest opportunity. In former correspondence from Alameda County Health Care Services Agency to Mr. Matthew Righetti, Esq., dated March 21, 1989, Shell has been directed that backfill of this excavation will require approval from both the Alameda County Health Care Services Agency and the current property owner, Mr. Righetti. Because there is no regulatory or other known reason to delay site restoration, Shell requests your permission to proceed as quickly as possible.

FINAL REMARKS

Once the excavation is properly backfilled, compacted and repaved, the site will be restored to useable conditions, and will no longer retain soil liabilities above the water table. The site may then be developed and used for any purpose which meets the City zoning requirements. Future site use will not be restricted or impaired by subsurface groundwater investigations which Shell will conduct in order to attain final site closure.

Shell recognizes the need to continue to investigate groundwater quality at this site as part of closure requirements. As a consequence, Shell has installed four monitoring wells at the four corners of the site, and will proceed with investigating soil and water conditions at these locations and offsite, as appropriate. The progress of this groundwater investigation will be reported to you on a quarterly basis, in accordance with Regional Water Quality Control Board guidelines.

Thank your for your prompt attention to this matter.

Very truly yours,

Converse Environmental West

Michael C. Carey
Project Geologist

Douglas W. Charlton
Vice President

MCC:kb

TABLE 1. CHRONOLOGICAL SUMMARY

The following chronological summary is based on information available to CEW for preparation of this Work Plan. CEW was not provided with certain information related to the construction, operational, and environmental history of the site.

Date	Description of Activity
11/21/86	Blaine Tech Services removed one 550 gallon waste oil tank and conducted field sampling.
04/22/88	Woodward-Clyde drilled and sampled three soil borings around the existing underground storage tank (UST) complex.
03/06/89	Crosby & Overton, Inc conducted field sampling during removal of 4 underground storage tanks. Contaminated soil was discovered and additional excavation and sampling was performed.
03/31/89	Field sampling in the vicinity of the new tank hole was performed.
05/05/89	Converse Environmental West (CEW) was retained by Shell Oil Co to supervise environmental activities at the site.
06/12/89	Samples SW-1 through SW-7 were collected in the Stage I excavation.
07/05/89	Samples SW-8 through SW-11 were collected in the Stage II excavation.
07/06/89	One water sample in the excavation pit was collected.
07/11/89	CEW sent an "Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
07/27/89	CEW sent an "Addendum to July 11, 1989 Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
08/30/89	Samples SS-1 through SS-7 were collected in test pits excavated near the old pump islands.
10/02/89 to 10/11/89	Soil samples 1 through 4 and S-1 through S-7 were collected in the Stage III and IV excavations.
10/26/89	Samples 20 through 23, and stockpile 10:26 were collected at the bottom of the Stage IV excavation.
10/31/89	CEW sent a report titled "Soil Sampling Report" to the Alameda County Health Agency.
11/30/89	CEW sent a Draft Work Plan to the ACHCSA.
01/11/90	CEW sent a Progress Report for Q4/89 to the ACHCSA.
01/19/90	CEW collected final sidewall samples 24 through 39 in the Stage III and IV excavation.
01/18/99 to 01/21/90	CEW drilled four monitoring wells and 1 soil boring at the site.
02/08/90	CEW measured groundwater levels and sampled monitoring wells.
03/08/90	CEW requested permission to backfill excavation and restore site grades.

TABLE 2. RESULTS OF SOIL ANALYSES

Shell Oil Company Facility
2724 Castro Valley Road
Castro Valley, California

Location Depth	Date Collected	TPH-g	Benzene	Ethyl-Benzene	Toluene	Xylenes
Test Pit Samples						
SS-1 @ 4'	8/30/89	<10	<.025	<.075	<.025	<.075
SS-2 @ 4.5'		130	0.330	2.900	1.300	14.00
SS-3 @ 5'		<10	0.180	<.075	<.025	<.075
SS-3-2 @ 5'		<10	<.025	<.075	<.025	<0.025
SS-4 @ 4'		17	0.100	0.240	<.025	1.100
SS-5 @ 5'		630	0.028	0.810	0.240	7.600
SS-6 @ 5'		1300	0.061	3.300	<.025	8.100
SS-7 @ 5.5'		3300	3.600	51.00	4.200	140.0
Sidewall Samples						
1 @ 7'	10/2/89	<10	<.025	<.075	<.025	<.075
2 @ 7'		13	<.025	<.075	<.025	<.075
3 @ 8'		12	0.096	0.098	0.180	0.560
4 @ 3'	10/3/89	<10	<.025	<.075	<.025	<.075
Stockpile Samples						
S-1		28	<.025	0.012	0.038	0.660
S-2		14	<.025	<.075	<.025	0.190
S-3		11	<.025	<.075	<.025	0.230
S-4		81	<.025	0.200	<.025	0.510
S-5		<10	<.025	<.075	<.025	<.075
S-6	10/4/89	<10	<.025	<.075	<.025	<.075
S-7		<10	<.025	<.075	<.025	<.075
Sidewall Samples						
5 @ 10.5'	10/4/89	41	0.082	2.100	5.000	12.00
6 @ 7'		<10	0.029	<.075	0.071	0.170
7 @ 3'		<10	<.025	<.075	<.025	<.075
8 @ 3'		<10	<.025	<.075	<.025	<.075
9 @ 6'		<10	<.025	<.075	<.025	<.075
10 @ 3'		<10	<.025	<.075	<.025	<.075
11 @ 7.5'		<10	<.025	<.075	<.025	<.075
12 @ 4'		<10	<.025	<.075	<.025	<.075
13 @ 8'		<10	<.025	0.280	<.025	0.240
14 @ 3'		<10	<.025	<.075	<.025	<.075

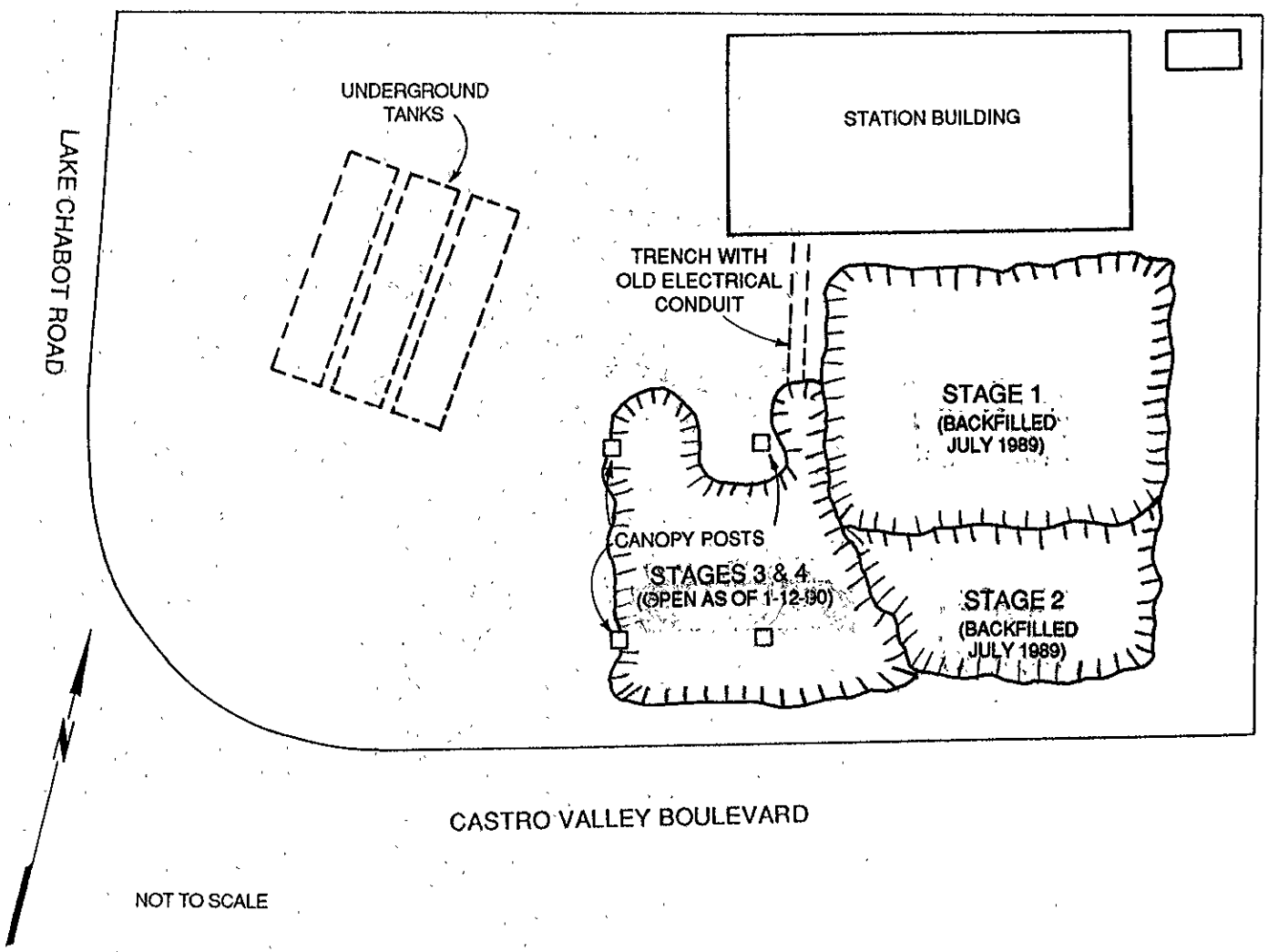
TABLE 2 (cont'd). RESULTS OF SOIL ANALYSES

Shell Oil Company Facility
2724 Castro Valley Road
Castro Valley, California

Location Depth	Date Collected	TPH-g (PPM)	Benzene (PPb)	Ethyl-Benzene (PPb)	Toluene (PPb)	Xylenes (PPb)
15 @ 3'	10/11/89	<10	<.025	<.075	<.025	<.075
16 @ 11'*		240*	0.150	1.800	1.500	11.00
17 @ 4'		<10	<.025	<.075	<.025	<.075
18 @ 4'		<10	<.025	<.075	<.025	<.075
19 @ 3'		470	<.025	1.000	<.025	10.00
SW-20 @ 6'	10/26/89	1.9	<.0025	<0.0025	0.0064	0.0078
SW-21 @ 7'		<1	<.0025	<0.0025	<.0025	<.0025
SW-22 @ 12'*		200*	0.5200	1.50005	1.8000	5.3000
SW-23 @ 12'*		350*	0.9500	3.1000	4.7000	13.000
SP 10:26*		1.8	4.500	20.00	40.00	120.00
Final Sidewall Samples						
24 @ 5'	1/19/90	ND	ND	ND	ND	ND
25 @ 4'		ND	3.1	ND	6.0	10
26 @ 5'		ND	ND	ND	ND	2.9
27 @ 5'		ND	ND	ND	ND	ND
28 @ 5'		4.4	ND	ND	ND	ND
29 @ 9'		1.2	ND	ND	ND	ND
30 @ 9'		ND	ND	ND	ND	ND
31 @ 9'		ND	ND	ND	ND	ND
32 @ 9'		ND	ND	ND	ND	ND
33 @ 8.5'		ND	ND	ND	ND	ND
34 @ 7.5'		ND	ND	ND	ND	ND
35 @ 7'		ND	ND	ND	ND	ND
36 @ 7'		ND	ND	ND	ND	ND
37 @ 6.5'		ND	ND	ND	ND	ND
38 @ 7.5		ND	ND	ND	ND	ND
39 @ 6.5		ND	ND	ND	ND	ND
6[1]		ND	ND	ND	4.9	2.5
12[2]		ND	ND	ND	ND	ND

NOTES:

All results in mg/Kg(ppm)
TPH-g measured at parts per million
BTEX measured at parts per billion
[1] Verification samples adjacent to 29
[2] Verification samples adjacent to 35
* Sample from capillary zone or saturated zone

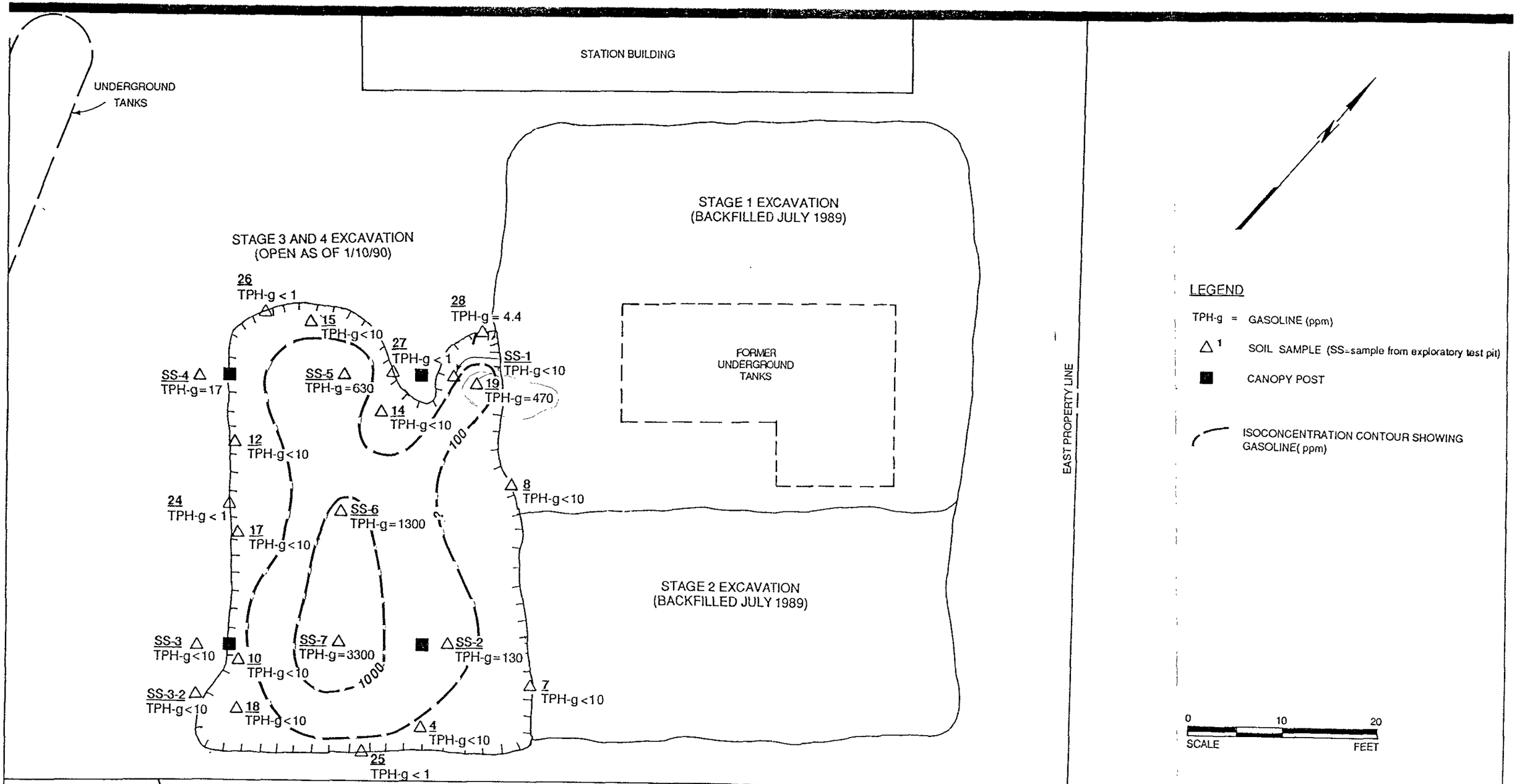


EXCAVATION PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	11/29/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-380-01
Drawing No	1

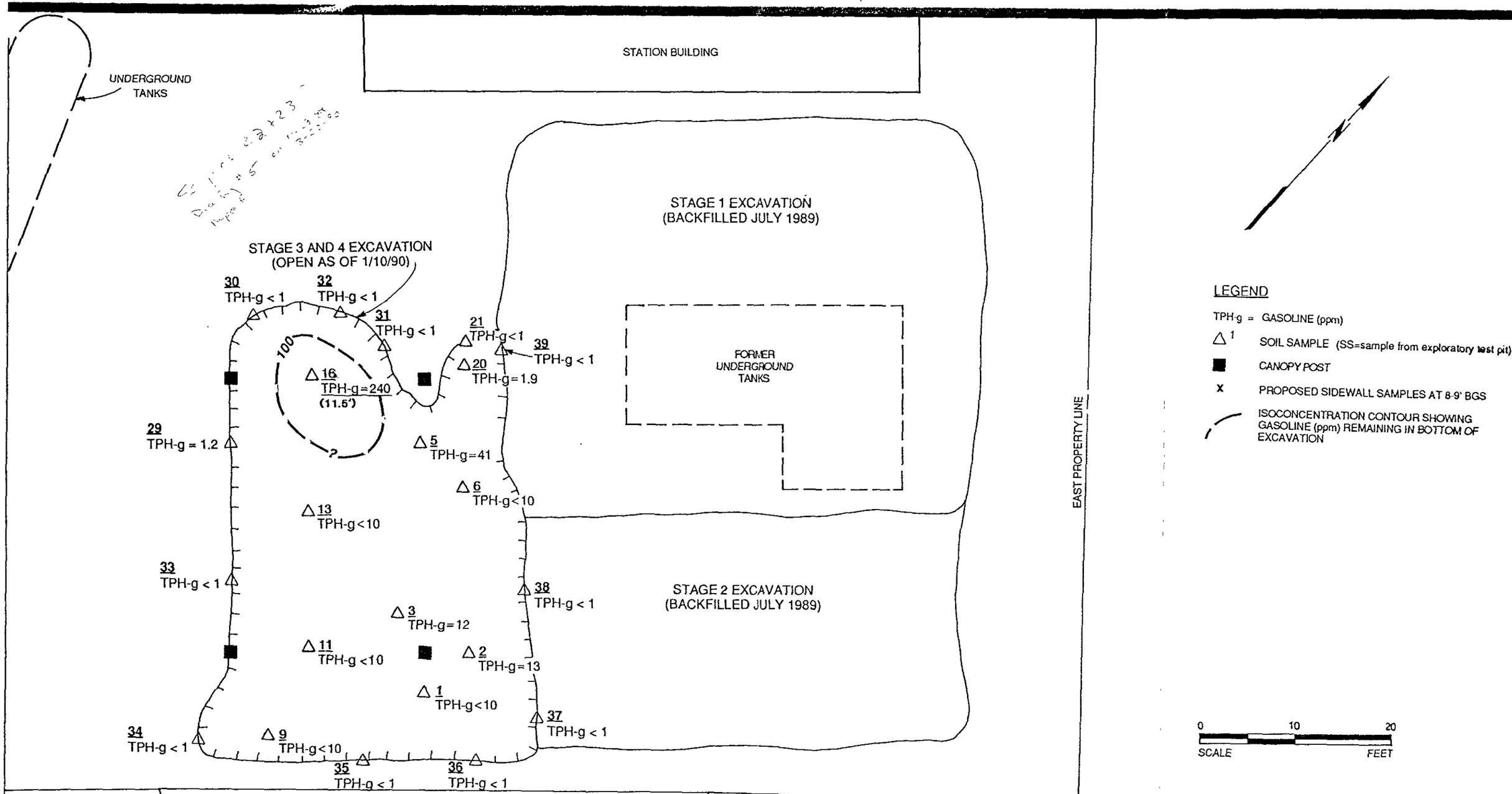


PLAN: SOIL TPH-g AT 0' to 6' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No	88-44-380.01
Drawing No.	2



PLAN: SOIL TPH-g AT 6 to 11' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No.	88-44-380-01
Drawing No.	3

EXHIBIT A

1

CROSBY & OVERTON, INC.

Job Information Sheet

JOB NUMBER 4451T	START DATE 6/22/89	FINISH DATE / /

JOB LOG SECTION

Company / Branch	Customer Number 50187	State	County 0401
Department Number	Comp Code	☐ Marine	☒ Industrial
Job Type 1C	Job Type Description Shell		
Purchase Order # MO# [redacted] 10508	Site 2724 Castro Vly Blvd Castro Valley		
Contact R Newsome	Phone #(415)676-1414		

Job Description 20 loads of non-haz. soil to PWI

Labor Distribution E/D			
Contract # MO#73809	Material	Disposal	Subs

Type of Work:

☐ Tank Cleaning	☐ O.D. Work	☐ Bilge Cleaning	☐ Decontamination
☐ Pipeline	☐ Exchange	☐ Lab Pack	☐ Asbestos
☐ Tower	☐ Oil Spill	☐ Underground Tank	☐ Miscellaneous

Method of Work:

☐ Hydroblast	☐ Flexlance	☐ O.D. Machine	☐
☐ Chemical Clean	☐ Stiffiance	☐ I.D. Machine	☐ Miscellaneous
☐ Pressure Wash	☐ Shotgun	☐	☐

Additional Information: Contractor - Presidio Const (Rich)

Acct# AFE# 986675/5442

Supervisor	Leadman
Salesman	Prepared by Debbie

CUSTOMER SECTION

Customer Name Shell Oil			
Street Address P.O. Box 4023			
City Concord		State Ca	Zip 94524
Contact R. Newsome	Phone Number (415) 676-1414		

ORIGINAL

INVOICE

CROSBY & OVERTON, INC. Environmental Management

1610 WEST 17TH ST. LONG BEACH, CA 90813

8410 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9883
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
(503) 283-1150
FAX (503) 289-6568

20245 76th AVENUE SOUTH
P.O. BOX 1085
KENT, WA. 98032
(206) 872-8030
FAX (206) 395-0377

1610 WEST 17TH ST.
LONG BEACH, CALIF. 90813
(213) 432-5445 - (714) 821-9480
FAX (213) 436-7540
P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03420-5

Dirt from around old TANKS Etc I, II

P.O. NO.MDH 73809

DATE08-18-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO.4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MDH 10508

TERMS: NET 30 DAYS

FURNISHED NECESSARY LABOR AND EQUIPMENT:
TO LOAD AND TRANSPORT HAZARDOUS SOIL FOR DISPOSAL TO AN APPROVED SITE.

LABOR

06-22	1600-1730	1 TRUCK DRIVER	S. T.	1.00	HR @	25.00	25.00
	1730-1800	1 TRUCK DRIVER	O. T.	.50	HR @	31.84	15.92
06-23	0600-1430	1 HAZMAT SUPERVISOR	S. T.	8.00	HR @	31.36	250.88
	0030-0100	1 TRUCK DRIVER	D. T.	.50	HR @	38.66	19.33
	0500-1730	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0600-1830	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0600-1700	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	2.50	HR @	31.84	79.60
	0600-0800	1 TRUCK DRIVER	S. T.	2.00	HR @	25.00	50.00
	0700-1930	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0730-2000	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0730-2000	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0800-1630	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
	0800-2030	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0830-1030	1 TRUCK DRIVER	S. T.	2.00	HR @	25.00	50.00
	0830-1930	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	2.50	HR @	31.84	79.60
	0830-2100	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0830-2100	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0900-1100	1 TRUCK DRIVER	S. T.	2.00	HR @	25.00	50.00
	0900-2130	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00

ORIGINAL

CROSBY & OVERTON, INC. Environmental Management
1610 WEST 17TH ST. LONG BEACH, CA 90813

8410 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9883
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
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20245 76th AVENUE SOUTH
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1610 WEST 17TH ST.
LONG BEACH, CALIF. 90813
(213) 432-5445 • (714) 821-9480
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FAX (206) 733-0522

INVOICE NO. 03420-5

P.O. NO. MOH 73809

DATE 08-18-89

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ATTEN: EAST BAY DIST ENGINEER
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C & O JOB NO. 4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MOH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 1

	0930-2200	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1000-2230	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1100-2330	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1200-0030	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1730-2000	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
	1830-1900	1 TRUCK DRIVER	D. T.	2.50 HR @	38.66	96.65
	2000-2100	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
	2000-2100	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
	2100-2200	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
	2100-2300	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
	2130-2200	1 TRUCK DRIVER	D. T.	2.00 HR @	38.66	77.32
			D. T.	.50 HR @	38.66	19.33
06-24	0330-1600	2 TRUCK DRIVER (12.00 HR EACH)	O. T.	24.00 HR @	31.84	764.16
	0730-2000	1 TRUCK DRIVER	O. T.	12.00 HR @	31.84	382.08
	1600-1630	2 TRUCK DRIVER (.50 HR EACH)	D. T.	1.00 HR @	38.66	38.66
	2000-2030	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
06-26	0630-1100	1 HAZMAT SUPERVISOR	S. T.	4.50 HR @	31.36	141.12
	0600-1830	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0600-1830	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0630-1900	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0630-1900	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0630-1900	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00

INVOICE

CROSBY & OVERTON, INC. Environmental Management
1610 WEST 17TH ST. LONG BEACH, CA 90813

8410 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9883
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
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(206) 872-8030
FAX (206) 395-0377

CROSBY & OVERTON, INC.
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P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
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P.O. NO.MOH 73809

DATE08-18-89

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ATTEN: EAST BAY DIST ENGINEER
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REQ NO: MOH 10508

CONTINUED FROM PAGE 2

	0700-1830	2 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	16.00 HR @	25.00	400.00
			O. T.	6.00 HR @	31.84	191.04
		(11.00 HR EACH)				
	0730-1900	2 TRUCK DRIVER	S. T.	16.00 HR @	25.00	400.00
			O. T.	6.00 HR @	31.84	191.04
		(11.00 HR EACH)				
	0800-1930	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	3.00 HR @	31.84	95.52
	1830-1930	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
	1900-2230	1 TRUCK DRIVER	D. T.	3.50 HR @	38.66	135.31
	1900-1930	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
	1900-2030	1 TRUCK DRIVER	D. T.	1.50 HR @	38.66	57.99
06-27	0700-1830	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	3.00 HR @	31.84	95.52
	0730-2000	2 TRUCK DRIVER	S. T.	16.00 HR @	25.00	400.00
			O. T.	8.00 HR @	31.84	254.72
		(12.00 HR EACH)				
	0830-2100	2 TRUCK DRIVER	S. T.	16.00 HR @	25.00	400.00
			O. T.	8.00 HR @	31.84	254.72
		(12.00 HR EACH)				
	2000-2330	2 TRUCK DRIVER	D. T.	7.00 HR @	38.66	270.62
		(3.50 HR EACH)				
06-28	0900-1600	1 TRUCK DRIVER	S. T.	6.50 HR @	25.00	162.50
	1600-2000	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
	2000-2200	1 TRUCK DRIVER	D. T.	2.00 HR @	38.66	77.32
06-29	0630-0830	1 HAZMAT SUPERVISOR	S. T.	2.00 HR @	31.36	62.72
	0730-2000	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0800-2030	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0800-1930	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00

INVOICE

CROSBY & OVERTON, INC. Environmental Management
1610 WEST 17TH ST. LONG BEACH, CA 90813

8410 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9883
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
(503) 283-1150
FAX (503) 289-6568

20245 76th AVENUE SOUTH
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(206) 734-7435
FAX (206) 733-0522

INVOICE NO. 03420-5

P.O. NO. MDH 73809

DATE 08-18-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO. 4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MDH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 3

	0800-2030	1 TRUCK DRIVER	O. T.	3.00 HR @	31.84	95.52
			S. T.	8.00 HR @	25.00	200.00
	1000-1500	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
	1500-1900	1 TRUCK DRIVER	S. T.	4.50 HR @	25.00	112.50
	1900-2400	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
	2000-2400	1 TRUCK DRIVER	D. T.	5.00 HR @	38.66	193.30
	2030-2100	1 TRUCK DRIVER	D. T.	4.00 HR @	38.66	154.64
	2030-2130	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
06-30	0900-2130	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
			S. T.	8.00 HR @	25.00	200.00
	2130-2400	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
07-06	0830-1330	1 HAZMAT SUPERVISOR	D. T.	2.50 HR @	38.66	96.65
	0100-0130	1 TRUCK DRIVER	S. T.	4.50 HR @	31.36	141.12
	0730-2000	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
			S. T.	8.00 HR @	25.00	200.00
	0800-2000	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	0830-2100	1 TRUCK DRIVER	O. T.	3.50 HR @	31.84	111.44
			S. T.	8.00 HR @	25.00	200.00
	0900-2000	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1000-2230	1 TRUCK DRIVER	O. T.	2.50 HR @	31.84	79.60
			S. T.	8.00 HR @	25.00	200.00
	1000-2230	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1030-2200	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
			S. T.	8.00 HR @	25.00	200.00
	1230-0100	1 TRUCK DRIVER	O. T.	3.00 HR @	31.84	95.52
			S. T.	8.00 HR @	25.00	200.00
	2000-2400	1 TRUCK DRIVER	O. T.	4.00 HR @	31.84	127.36
	2100-2230	1 TRUCK DRIVER	D. T.	4.00 HR @	38.66	154.64
			D. T.	1.50 HR @	38.66	57.99

INVOICE

CROSBY & OVERTON, INC. Environmental Management

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8410 AMELIA STREET
OAKLAND, CALIFORNIA 94621
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FAX (415) 633-0759

5420 N. LAGOON
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PORTLAND, OREGON 97217
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20245 76th AVENUE SOUTH
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KENT, WA 98032
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PLEASE REMIT TO:
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(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03420-5

P.O. NO.MOH 73809

DATE08-18-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO.4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MOH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 4

	2230-2400	1 TRUCK DRIVER	D. T.	1.50 HR @	38.66	57.99
	2230-2400	1 TRUCK DRIVER	D. T.	1.50 HR @	38.66	57.99
07-07	0900-2130	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	2130-2200	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
07-10	0500-1730	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	1730-1800	1 TRUCK DRIVER	D. T.	.50 HR @	38.66	19.33
07-11	1530-1600	1 TRUCK DRIVER	S. T.	.50 HR @	25.00	12.50
	1600-1630	1 TRUCK DRIVER	O. T.	.50 HR @	31.84	15.92
07-12	0800-1030	1 HAZMAT SUPERVISOR	S. T.	2.50 HR @	31.36	78.40
	0730-0930	2 TRUCK DRIVER	S. T.	4.00 HR @	25.00	100.00
		(2.00 HR EACH)				
	0800-2030	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0800-2030	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0900-2130	2 TRUCK DRIVER	S. T.	16.00 HR @	25.00	400.00
			O. T.	8.00 HR @	31.84	254.72
		(12.00 HR EACH)				
	2030-2300	1 TRUCK DRIVER	D. T.	2.50 HR @	38.66	96.65
	2030-2230	1 TRUCK DRIVER	D. T.	2.00 HR @	38.66	77.32
	2130-2200	2 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
		(.50 HR EACH)				
07-13	0730-2000	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	0830-2100	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
	2000-2100	1 TRUCK DRIVER	D. T.	1.00 HR @	38.66	38.66
	2100-2330	1 TRUCK DRIVER	D. T.	2.50 HR @	38.66	96.65
		INSURANCE SURCHARGE		754.0 HRS @	1.88	1,417.52

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5420 N. LAGOON
SWAN ISLAND
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20245 76th AVENUE SOUTH
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INVOICE NO.03420-5

P.O. NO.MOH 73809

DATE08-18-89

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ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO.4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MOH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 5

	EQUIPMENT			
06-23	1 PICKUP TRUCK	8.0 HRS @	8.50	68.00
	1 END DUMP/TRACTOR	2.0 HRS @	39.00	78.00
	1 END DUMP/TRACTOR	2.0 HRS @	39.00	78.00
	1 END DUMP/TRACTOR	2.0 HRS @	39.00	78.00
	1 END DUMP/TRACTOR	8.0 HRS @	39.00	312.00
	1 END DUMP/TRACTOR	10.5 HRS @	39.00	409.50
	1 END DUMP/TRACTOR	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	13.0 HRS @	39.00	507.00
	1 END DUMP/TRACTOR	13.0 HRS @	39.00	507.00
	1 END DUMP/TRACTOR	13.0 HRS @	39.00	507.00
	1 END DUMP/TRACTOR	14.5 HRS @	39.00	565.50
	1 END DUMP/TRACTOR	14.0 HRS @	39.00	546.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
06-24	1 END DUMP/TRACTOR	25.0 HRS @	39.00	975.00
	2 END DUMP/TRACTOR	4.5 HRS @	8.50	38.25
06-26	1 PICKUP TRUCK	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	13.0 HRS @	39.00	507.00
	1 END DUMP/TRACTOR	13.0 HRS @	39.00	507.00

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INVOICE NO.03420-5

P.O. NO.MOH 73809

DATE08-18-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO.4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MOH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 6

	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	15.5 HRS @	39.00	604.50
	2 END DUMP/TRACTOR	22.0 HRS @	39.00	858.00
	2 END DUMP/TRACTOR	22.0 HRS @	39.00	858.00
	2 END DUMP/TRACTOR	24.0 HRS @	39.00	936.00
	2 END DUMP/TRACTOR	31.0 HRS @	39.00	1,209.00
06-27	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
06-28	1 PICKUP TRUCK	2.0 HRS @	8.50	17.00
06-29	1 END DUMP/TRACTOR	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	16.0 HRS @	39.00	624.00
	1 END DUMP/TRACTOR	14.5 HRS @	39.00	565.50
06-30	1 PICKUP TRUCK	4.5 HRS @	8.50	38.25
07-06	1 END DUMP/TRACTOR	3.0 HRS @	39.00	117.00
	1 END DUMP/TRACTOR	10.5 HRS @	39.00	409.50
	1 END DUMP/TRACTOR	11.5 HRS @	39.00	448.50
	1 END DUMP/TRACTOR	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	16.0 HRS @	39.00	624.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
07-07	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	1.0 HRS @	39.00	39.00
	1 END DUMP/TRACTOR	2.5 HRS @	8.50	21.25
07-11	1 PICKUP TRUCK	13.0 HRS @	39.00	507.00
07-12	1 END DUMP/TRACTOR	14.0 HRS @	39.00	546.00
	1 END DUMP/TRACTOR	14.5 HRS @	39.00	565.50
	1 END DUMP/TRACTOR	14.5 HRS @	39.00	565.50
	1 END DUMP/TRACTOR	4.0 HRS @	39.00	156.00
	2 END DUMP/TRACTOR			

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LONG BEACH, CALIF 90813
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INVOICE NO.03420-5

P.O. NO.MOH 73809

DATE08-18-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

C & O JOB NO.4651T

CTY CODE 0401

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY BLVD
REQ NO: MOH 10508

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 7

	2 END DUMP/TRACTOR	25.0 HRS @	39.00	975.00
	MATERIALS			
06-22	19 ROLLS OF VISQUEEN	@	50.00	950.00
06-23	10 PAIRS OF RUBBER GLOVES	@	3.50	35.00
	6 ROLLS OF VISQUEEN	@	50.00	300.00
	14 ROLLS OF VISQUEEN	@	50.00	700.00
06-26	2 ROLLS OF VISQUEEN	@	50.00	100.00
06-29	2 ROLLS OF VISQUEEN	@	50.00	100.00
07-06	5 ROLLS OF VISQUEEN	@	50.00	250.00
	2 ROLLS OF VISQUEEN	@	50.00	100.00
07-12	2 ROLLS OF VISQUEEN	@	50.00	100.00
	SUBCONTRACTOR			
	SCALES			65.00
	10.0% HANDLING CHARGE ON (*****65.00)			6.50
				$53,877.53

WORK COMPLETED: 07-06-89
CURRENT DATE: 08-22-89

UNPAID INVOICES MORE THAN 30 DAYS PAST DUE WILL BE SUBJECT TO A SERVICE CHARGE OF 1½% PER MONTH

ORIGINAL

FORM C

4USI 16623

RCRA

HAZARDOUS (Non RCRA)

XX NON HAZARDOUS

DATE 07-12-89

Petroleum Waste, Inc.

P.O. Box 787 • Buttonwillow, CA 93206 • (805) 762-7372

3:32PM 7-12 89 72960 LB GR

LOAD # 1

WMU # 11 LOCATION

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

Weighed on Lokern Road 7 miles West of Buttonwillow

2261 (41,940) bbls/(lbs) bbls/lbs

MANIFEST NO QUANTITY RATE

27.3 cy.

TRUCKING CO. Crosby & Overton WASTE HAULER REGISTRATION NO

GENERATOR Shell Oil Co. Coalinga Valley

COMPANY LOCATION

PETROLEUM WASTE, INC. Weighmaster by [signature] Deputy

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE

Truck # 205

FOR WASHOUT: DRIVER'S INITIALS ______ DRIVER'S SIGNATURE X [signature]

Truck Lic No. 3K54193

STATE ID # ______ EPA ID #

Trailer Lic No. 1UL7425

DESCRIPTION: SOLID X SLUDGE ______ LIQUID ______

Cont. Soil w/ [illegible]

ON-SITE ID: ANALYST M. [illegible] WASTE ID # C625

Trailer Lic No.

TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO
pH (3)	9-10	X		HCVP(22)*	0 PPM	X		Absp(26)	(PASS) FAIL	X	
Vis (1)	0.4	✓		Sul(8A)	POS (NEG)	X					
F.L.(21)	YES (NO)	✓		Cya(9.4)	POS (NEG)	X					

COLOR [illegible]

SOLIDS

OIL

WATER

N.C. [illegible]

[illegible] hazardous liquids only

SAMPLING PROCEDURE.

By B. Barnett

Coliwassa

Thiel

Grab: Top ___ Bottom ___

Scoop X

Waste Pile Sampler

*D = Driver

COMMENTS:

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCB ORDER NUMBER 86-199.

SIGNATURE OF TSDF OPERATOR X [signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN

SIGNATURE X [signature]

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)
Please print or type. (Form designed for use on elite (12-pitch typewriter).

WIC/LOC. NO. 204-1381-0407-EB /R. NEWSOME

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD981402092 | Manifest Document No.: 1 0 5 0 8
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

A. State Manifest Document Number: 89406282

3. Generator's Name and Mailing Address:
SHELL OIL COMPANY, PO BOX 6249
CARSON, CA 90749

~~GENERATING SITE~~
SHELL STATION
2724 CASTRO VALLEY/LAKE CHABOT
CASTRO VALLEY, CA 94546

4. Generator's Phone 213) 816-2037

B. State Generator's ID: TAX ID NO. HYHQ 36-010177

5. Transporter 1 Company Name: ~~CROSBY & OVERTON ENI~~
6. US EPA ID Number: CAD981461064

C. State Transporter's ID
D. Transporter's Phone 415/633-0336

7. Transporter 2 Company Name: Bodine Taking
8. US EPA ID Number: CAT080013352809

E. State Transporter's ID 3016 74 & 75
F. Transporter's Phone 916 362-7226

9. Designated Facility Name and Site Address:
PETROLEUM WASTE, INC.
LOKERN RD.
BUTTONWILLOW, CA 93206

10. US EPA ID Number: CAD980675276

G. State Facility's ID
H. Facility's Phone 805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	002	DF	00011.8	Y	State 611; EPA/Other
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBON/
ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD(TTLC)<12mg/kg LEAD(STLC).49mg/L LEAD(ORGANIC).05mg/kg

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
AVOID CONTACT WITH EYES AND SKIN.
PWI APPROVAL #G-625.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: R G Newsome | Signature: R G Newsome | ON BEHALF OF SHELL OIL CO. | Month Day Year: 10 26 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Bill Adams | Signature: Bill Adams | Month Day Year: 10 26 89

19. Discrepancy Indication Space [redacted]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name | Signature | Month Day Year

GENERATOR / TRANSPORTER / FACILITY

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
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Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-91)

Toxic Substances Control Division
Sacramento, California

Please print or type. *(Form designed for use on elite (12-pitch typewriter).*

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981402092 — Manifest Document No. 10508

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
SHELL OIL COMPANY, PO BOX 6249
CARSON, CA 90749

4. Generator's Phone 213) 816-2037

GENERATING SITE
SHELL STATION
2724 CASTRO VALLEY/LAKE CHABOT
CASTRO VALLEY, CA 94546

A. State Manifest Document Number 89406283

B. State Generator's ID TAX ID NO. HYH036-0101717

5. Transporter 1 Company Name
CROSBY & OVERTON EMI

6. US EPA ID Number CAD981461064

C. State Transporter's ID 701903

D. Transporter's Phone 415/633-0336

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PETROLEUM WASTE, INC.
LOKERN RD.
BUTTONWILLOW, CA 93206

10. US EPA ID Number CAD980617512716

G. State Facility's ID

H. Facility's Phone 805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	Type	13. Total Quantity	14 Unit Wt/Vol	I Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	001	DF	020/18	Y	State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBON/
ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD(TTLC)<12mg/kg LEAD(STLC).49mg/L LEAD(ORGANIC).05mg/kg

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
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PWI APPROVAL #G-625.

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GENERATOR

Printed/Typed Name	Signature	Month Day Year
D G Nawsoma	D G Nawsoma ON BEHALF OF SHELL OIL CO.	10 16 21 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Don Olson	Don Olson	10 16 21 89

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month Day Year

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WIC/LOC. NO. 204-1381-0407-EB / R. NEWSOME

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	CAD981402092
Manifest Document No.	1 0 5 0 8
2. Page 1	of 1
Information in the shaded areas is not required by Federal law	
A. State Manifest Document Number	89406284
3. Generator's Name and Mailing Address	SHELL OIL COMPANY, PO BOX 6249 CARSON, CA 90749
Generating Site	SHELL STATION 2724 CASTRO VALLEY/LAKE CHABOT CASTRO VALLEY, CA 94546
B. State Generator's ID	TAX ID NO. HY HO 316-011 0 1 7 7
4. Generator's Phone	(213) 816-2037
5. Transporter 1 Company Name	CROSBY & OVERTON ENT
6. US EPA ID Number	CAD981461064
C. State Transporter's ID	
D. Transporter's Phone	415/633-0336
7. Transporter 2 Company Name	R. Bauerle Trucking
8. US EPA ID Number	CAD980585750
E. State Transporter's ID	900590-891
F. Transporter's Phone	415-963-1534
9. Designated Facility Name and Site Address	PETROLEUM WASTE, INC. LOKERN RD. BUTTONWILLOW, CA 93206
10. US EPA ID Number	CAD980675276
G. State Facility's ID	
H. Facility's Phone	805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	002	DT	00018	Y	State 611 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above

SOIL CONTAMINATED WITH PETROLEUM HYDROCARBON/
ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD(TTLC)<12mg/kg LEAD(STLC).49mg/L LEAD(ORGANIC).05mg/kg

K. Handling Codes for Wastes Listed Above
a. b. c. d.

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Printed/Typed Name	Signature	Month Day Year
R G Newsome	R G Newsome ON BEHALF OF SHELL OIL CO.	0 6 2 6 8 9

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Mike Bauerle	Mike Bauerle	0 6 2 6 8 9

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

[redacted]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month Day Year

GENERATOR / TRANSPORTER / FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST

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Manifest Document No. 10508
2. Page 1 of 1
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3. Generator's Name and Mailing Address
SHELL OIL COMPANY, PO BOX 6249
CARSON, CA 90749
4. Generator's Phone (213) 816-2037

GENERATING SITE
SHELL STATION
2724 CASTRO VALLEY/LAKE CHABOT
CASTRO VALLEY, CA 94546

A. State Manifest Document Number 89406285
B. State Generator's ID TAX ID NO. HYHD36-100177

5. Transporter 1 Company Name: CROSBY & OVERTON EMI
6. US EPA ID Number: CAD981461064
C. State Transporter's ID
D. Transporter's Phone 415/633-0336

7. Transporter 2 Company Name: D Bandole Trucking
8. US EPA ID Number: CAD980585780
E. State Transporter's ID 501888-889
F. Transporter's Phone 408 963-1534

9. Designated Facility Name and Site Address
PETROLEUM WASTE, INC.
LOKERN RD.
BUTTONWILLOW, CA 93206
10. US EPA ID Number: CAD980675276
G. State Facility's ID
H. Facility's Phone 805/589-4912

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	001	DT	00014	Y	State 611 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED WITH PETROLEUM HYDROCARBON/
ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD(TTLC)<12mg/kg LEAD(STLC).49mg/L LEAD(ORGANIC).05mg/kg

K. Handling Codes for Wastes Listed Above
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Printed/Typed Name: R G Newsome
Signature: [signature] ON BEHALF OF SHELL OIL CO.
Month Day Year: 06 26 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jeff Castlio
Signature: [signature]
Month Day Year: 06 26 89

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR / TRANSPORTER / FACILITY

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KIC/LOC. NO. 204-1381-0407-EE /R. NEWSOME

Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: CAD981402092 | Manifest Document No: 10518

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
SHELL OIL COMPANY, PO BOX 6249
CARSON, CA 90749

GENERATING SITE
SHELL STATION
2724 CASTRO VALLEY/LAKE CHABOT
CASTRO VALLEY, CA 94546

4. Generator's Phone 213) 816-2037

A. State Manifest Document Number: 89406287

B. State Generator's ID TAX ID NO.: HWHQ3160-0110117

5. Transporter 1 Company Name: CROSBY & OVERTON EMI

6. US EPA ID Number: CAD981461064

C. State Transporter's ID: 901911

D. Transporter's Phone: 415/633-0336

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
PETROLEUM WASTE, INC.
LOKERN RD.
BUTTONWILLOW, CA 93206

10. US EPA ID Number: CAD980617516

G. State Facility's ID

H. Facility's Phone: 805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	001	DT	00101/18	V	State 611 / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
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ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD (TTLC) <12mg/kg LEAD (STLC) .49mg/L LEAD (ORGANIC) .05mg/kg

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Printed/Typed Name: R G Newsome | Signature: R G Newsome | ON BEHALF OF SHELL OIL CO. | Month Day Year: 10 16 89

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JAN FRASER | Signature | Month Day Year: 10 16 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

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Printed/Typed Name | Signature | Month Day Year

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Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981402092 / Manifest Document No. 10508	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address: SHELL OIL COMPANY, PO BOX 6249 CARSON, CA 90749 / GENERATING SITE: SHELL STATION 2724 CASTRO VALLEY/LAKE CHABOT CASTRO VALLEY, CA 94546		A. State Manifest Document Number 89406286
4. Generator's Phone (213) 816-2037		B. State Generator's ID TAX ID NO. HYHQ36-010177
5. Transporter 1 Company Name: CROSBY & OVERTON ENT	6. US EPA ID Number CAD981461064	C. State Transporter's ID
		D. Transporter's Phone 415/633-0336
7. Transporter 2 Company Name: BODINE TRK	8. US EPA ID Number CAT080013218008	E. State Transporter's ID 001495
		F. Transporter's Phone 415-651-2822
9. Designated Facility Name and Site Address: PETROLEUM WASTE, INC. LOKERN RD. BUTTONWILLOW, CA 93206	10. US EPA ID Number CAD980675276	G. State Facility's ID
		H. Facility's Phone 805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	001	DF	00018	Y	State 611 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above

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ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD(TTLC)<12mg/kg LEAD(STLC).49mg/L LEAD(ORGANIC).05mg/kg

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a. b.
c. d.

15. Special Handling Instructions and Additional Information

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Printed/Typed Name	Signature	Month Day Year
R G Newsome	[signature] ON BEHALF OF SHELL OIL CO.	6 26 89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
DANIEL J PARKS	[signature]	6 26 89

19. Discrepancy Indication Space

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Printed/Typed Name	Signature	Month Day Year

GENERATOR / TRANSPORTER / FACILITY

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAD981402092 | Manifest Document No.: 1 [illegible]
2. Page 1 of 1

Information in the shaded areas is not required by Federal law

A. State Manifest Document Number: 89406288

3. Generator's Name and Mailing Address:
SHELL OIL COMPANY, PO BOX 6249
CARSON, CA 90749

GENERATING SITE
SHELL STATION
2724 CASTRO VALLEY/LAKE CHABOT
CASTRO VALLEY, CA 94546

4. Generator's Phone (213) 816-2037

B. State Generator's ID: TAX ID NO. HNHQ36-010177

5. Transporter 1 Company Name: CROSBY & OVERTON EMI
6. US EPA ID Number: CAD981461064

C. State Transporter's ID: 901897
D. Transporter's Phone: 415/633-0336

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address:
PETROLEUM WASTE, INC.
LOKERN RD.
BUTTONWILLOW, CA 93206

10. US EPA ID Number: CAD980675276

G. State Facility's ID:
H. Facility's Phone: 805/589-4912

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste soil contaminated with petroleum hydrocarbon "California Regulated Waste Only"	001	DT	00018	Y	State 611; EPA/Other
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
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ASSOCIATED DEBRIS 100%
TOTAL PETROLEUM HYDROCARBON >1000ppm
LEAD (TTLC) <12mg/kg LEAD (STLC) .49mg/L LEAD (ORGANIC) .05mg/kg

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c. d.

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Printed/Typed Name: R. G. Newsome | Signature: R. G. Newsome ON BEHALF OF SHELL OIL CO. | Month Day Year: 06 26 89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jon Fraser | Signature: Jon Fraser | Month Day Year: 06 26 89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Month Day Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name: | Signature: | Month Day Year:

GENERATOR / TRANSPORTER / FACILITY

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CT. NO.: APE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME #1

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME: SHELL OIL COMPANY — GENERATING SITE: SHELL STATION

EPA I.D.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: (213) 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

TYPED OR PRINTED FULL NAME & SIGNATURE: R.G. Newsome [signature] DATE: 6-22-89

TRANSPORTER

NAME: CROSBY & OVERTON EMI — Bodine Trucking

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 6-23-89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO.

TYPED OR PRINTED FULL NAME & SIGNATURE: [signature] DATE: 6-23-89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

←B/O NO. MOE-73809 REL. NO. [illegible] 1928

CT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM #2

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO.: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome [signature]

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO. 202 332

DENNIS FETTIG [signature]

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

[redacted] 805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

PCT. NO.: APE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME #3

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION EPA I.D. NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO 213 816-2037

CONTAINERS: No 1 VOLUME 12 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON — WASTE DESCRIPTION

TANK REMOVAL/REPLACEMENT — GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: N/A PH ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Hammonds — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-22-89

TRANSPORTER

NAME ~~CROSBY & OVERTON EMI~~ EXCEL TRANS EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ CHANNEL RD SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ RENICIA CA 94511 PICK UP DATE

PHONE NO. ~~415 633-0336~~ 707 745-4907

TRUCK, UNIT, I.D NO. [illegible]

DEAN McDONALD — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-23-89

TO FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

[redacted] 805 529-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MOE-73609 REL. NO. [illegible] 1550

PCT. NO.: APE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME E-1

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION EPA ID NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO 213. 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: N/A pH ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome D M Mueller 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI Fuller Exc. EPA ID NO. NOT APPLICABLE

ADDRESS 8430 AMELIA ST. P.O. Box 6595 SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 San Jose CA PICK UP DATE

PHONE NO. (415 633-0336 408 2652629

TRUCK UNIT, I.D NO. 86

Richard Dunbar Richard Dunbar 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

805 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

B/O NO. MOH-75809 REL. NO. ... 1551

CT. NO.: APE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME #5

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO. NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO. (213) 816-2037

CONTAINERS: No 1 VOLUME 15 yds CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome [signature] 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME ~~CROSBY & OVERTON EMI~~ I.. [illegible] Inc

EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ P.O. Box 6595

SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ San Jose Ca

PICK UP DATE

PHONE NO. ~~(415) 633-0336~~ (408) 265-2629

TRUCK UNIT I.D. NO. 71

[signature] 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912 [redacted]

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MOH-73809 REL. NO. MOH-10508/DS-B/O. NO. MOH-B561 REL. NO. MOH-10508

1932

#6

CCL. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION EPA I.D. NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO. (213) 816-2037

CONTAINERS: No. 1 VOLUME 15 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS. PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome — 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME ~~CROSBY & OVERTON EMI~~ EXCELTRANS EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ 397 CUMMINGS CHANNEL RD SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ BENICIA, CA. 94510 PICK UP DATE

PHONE NO. ~~(415) 633-0336~~ 707-745-8907

JERRY BUTLER — 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRUCK UNIT I.D. NO.

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

PCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA ID NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO 213 816-2037

CONTAINERS: No 1 VOLUME 16 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES. pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-22-87

TRANSPORTER

NAME ~~CROSBY & OVERTON EMI~~ Exec Trans

EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ 797 N. Chanel Rd

SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ Benicia CA 94510

PICK UP DATE

PHONE NO. ~~(415 633-0336~~ 707-745 8907

TRUCK, UNIT, I.D. NO. 37

MARK Barbelik — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-22-87

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MCH-73609 REL. NO. MER-20508/SF-B/O NO. MER-2008

1934

PCT. NO.: APE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

#8

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA ID NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY STATE. ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No 2 VOLUME 12 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES. pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome 12-22-87

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME ~~CROSBY & OVERTON INC~~ Bodine Trucking

EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ 1227 Myrtle Ct

SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ Hayward, Ca 94545

PICK UP DATE

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO. 29

D M Bodine 12-22-87

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

805 [redacted] 5994012

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MOH-73809 REL. NO. MOH-10508/... 1935

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS No: 1 VOLUME: CUBIC YARDS WEIGHT: POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100
2	PET. HYDROCARBONS	<1000	
3	TOTAL LEAD	<12	
4			

	COMPONENTS OF WASTE	PPM	%
5			
6			
7			
8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R.C. Newsome [signature] DATE

TYPED OR PRINTED FULL NAME & SIGNATURE

TRANSPORTER

NAME: ~~CROSBY & OVERTON EMI~~ Excelthras Inc

EPA I.D. NO: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ 397 W Channel Wy

SERVICE ORDER NO

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ Benicia CA 94510

PICK UP DATE

PHONE NO. ~~415 633-0336~~ (707) 745-8907

TRUCK, UNIT, I.D. NO. 33-38A

John Schilling [signature] 6/23/

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912 [redacted]

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

1556

CT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA I.D. NOT APPLICABLE

ADDRESS P. O. BOX 6249 · 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No ± 2 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100
2	PET. HYDROCARBONS	<1000	
3	TOTAL LEAD	<12	
4			
5			
6			
7			
8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. Newsome R. G. Newsome 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME ~~CROSBY & OVERTON EMI~~ Excel Trans Inc

EPA I.D NO NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ 397 El Channel Wy

SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA. 94621~~ Benicia CA 94510

PICK UP DATE

PHONE NO. ~~(415 633-0336~~

TRUCK UNIT, I.D NO. 59 59A

Corey Wardlaw Corey Wardlaw 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS	
TRANS		S	B		
C/O		RT/CD		HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO.: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No. 1 2 VOLUME: 2 CUBIC YARDS WEIGHT: POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. Newsome [signature] 6-12-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: ~~CROSBY & OVERTON-EMI~~ Coborn Trk

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ Summerville Rd

SERVICE ORDER NO:

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ Arbuckle Calif

PICK UP DATE:

PHONE NO: ~~415 633-0336~~

TRUCK UNIT I.D. NO: 105

X Robert Hurley [signature] 6-12-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO: 805 589-4912 [redacted]

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MOH-73809 REL. NO. MOH-10508/DS-B/O. NO. MOH-8561 REL. NO. MOH-10506

1938

CCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

II/12

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

EPA I.D. NO. | | | | NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO. 213 816-2037

CONTAINERS: No 1 VOLUME 6 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION

TANK REMOVAL/REPLACEMENT

GENERATING PROCESS

	COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100
2	PET. HYDROCARBONS	<1000	
3	TOTAL LEAD	<12	
4			
5			
6			
7			
8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome — 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME ~~CROSBY & OVERTON INC~~ Bodine Trucking

ADDRESS ~~8430 AMELIA ST.~~ 40449 Paseo Padre Pkwy Fremont CA 415 651-2822

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~

PHONE NO. ~~415 633-0336~~

TRUCK, UNIT, I.D. NO. 001495

EPA I.D. NO. | | | | NOT APPLICABLE

SERVICE ORDER NO.

PICK UP DATE

Daniel J Parks — Daniel J. Parks — 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

ADDRESS LOKERN RD.

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

EPA I.D. NO. | | | | NOT APPLICABLE

DISPOSAL METHOD

☐ LANDFILL ☐ OTHER

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

-1555

CCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

I/13

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: (213) 816-2037

CONTAINERS: No 2 — VOLUME 18 CUBIC YARDS — WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R.G. Newsome [signature] 6-27-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: ~~CROSBY & OVERTON EMI~~ / Bedine Trucking

EPA I.D. NO: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ / 40149 Mission Blvd FRY

SERVICE ORDER NO

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ / Fremont Ca 94539

PICK UP DATE

PHONE NO: ~~(415 633-0336~~ / (415) 651-2822

TRUCK UNIT I.D. NO

Ross J Bodine [signature] 6-27-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO.: (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

-B/O NO. [illegible] 1540

CCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA I.D. NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO. 213. 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP THRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G NAUMANN 6-23-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI

EPA I.D NO. NOT APPLICABLE

ADDRESS 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621

PICK UP DATE

PHONE NO. (415) 633-0336

ED FLICK 6-23-

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRUCK UNIT, I.D NO. 205

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

A-B/O NO. [illegible] 1541

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No 1 VOLUME: 5 CUBIC YARDS WEIGHT: POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100
2	PET. HYDROCARBONS	<1000	
3	TOTAL LEAD	<12	
4			

	COMPONENTS OF WASTE	PPM	%
5			
6			
7			
8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. Newsome [signature] — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO.

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE

PHONE NO: 415 633-0336

TRUCK UNIT I.D. NO.: 723/325

[signature] — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 4/22/89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

[redacted]

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. MOH-73809 REL. NO. [illegible] 1542

PCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM 16

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA I.D. NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO. 213, 816-2037

CONTAINERS: No. 1 VOLUME CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: N/A pH ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI#G-625

HANDLING INSTRUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI Callin Dunkin EPA I.D. NO. NOT APPLICABLE

ADDRESS 8430 AMELIA ST. 13200 San Pablo SERVICE ORDER NO.

CITY, STATE, ZIP OAKLAND, CA 94621 Murry Hill PICK UP DATE

PHONE NO. 415 633-0336 408-779-1856

TRUCK, UNIT, I.D. NO. JERRY THOMAS — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-23-89

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

805 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWD# NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

CCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME SHELL OIL COMPANY GENERATING SITE SHELL STATION

EPA ID NO. NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO 213 816-2037

CONTAINERS: No 1 VOLUME 1/2 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100
2	PET. HYDROCARBONS	<1000	
3	TOTAL LEAD	<12	
4			
5			
6			
7			
8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-22-89

TRANSPORTER

NAME ~~CROSBY & OVERTON INC~~ Collins Trucking

EPA I.D. NO. NOT APPLICABLE

ADDRESS ~~8430 AMELIA ST.~~ 210 San Pedro Pl

SERVICE ORDER NO

CITY, STATE, ZIP ~~OAKLAND, CA 94621~~ Morgan Hill, CA

PICK UP DATE

PHONE NO. ~~(415) 632-0336~~ 779-1856

TRUCK, UNIT, I.D NO. C-3-A

Robert Aspick Robert Aspick — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-22-89

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO 805 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		PT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

PROJ. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM 18

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 2 VOLUME 18 CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ____

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

PWI#G-625

HANDLING INSTUCTIONS: ____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-23-89

TRANSPORTER

NAME: ~~CROSBY & OVERTON INC~~ B. Luper Trucking

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ 5220 Lodato Ct.

SERVICE ORDER NO: ____

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ Concord, Ca. 94521

PICK UP DATE: ____

PHONE NO.: ~~415 633-0336~~

TRUCK UNIT. I.D. NO.: 75

ALFRED MELSON — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-23-89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER ____

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO.: 805 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. ...

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: NO 2 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. Newsome [signature] — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6-23-89

TRANSPORTER

NAME: ~~CROSBY & OVERTON EMT~~ / B. LUPER TRKG

EPA I.D. NO: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ / 5330 ... CT.

SERVICE ORDER NO

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ / CONCORD, CA 9452?

PICK UP DATE: 6-23-89

PHONE NO: ~~415 633-0336~~ / (415) 65?-2396

DANIEL ... [signature] — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 6/23/...

TRUCK UNIT I.D. NO: 76-56A

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. [illegible]

CONT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

20

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. No.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ____

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99-100
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 11-09

TRANSPORTER

NAME: ~~CROSBY & OVERTON INC~~ Fuller Exc

EPA I.D NO.: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ PO Box 6595

SERVICE ORDER NO.: ____

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ San Jose

PICK UP DATE: ____

PHONE NO: ~~(415 633-0336~~ 408-265-2629

TRUCK, UNIT, I.D. NO. 900895

Richard Dunbar Rich. Dunbar — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 11-26

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER ____

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

R-B/O NO. [illegible] 1540

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

21

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY SHELL STATION

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: (213) 816-2037

CONTAINERS: No 1 VOLUME 12 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome [signature] 6-22-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: ~~CROSBY & OVERTON ENV~~ Fuller Exc

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: ~~8430 AMELIA ST.~~ P.O Box 6595

SERVICE ORDER NO.

CITY, STATE, ZIP: ~~OAKLAND, CA 94621~~ San Jose

PICK UP DATE

PHONE NO. ~~(415) 633-0336~~ 408-265-2629

TRUCK UNIT, I.D. NO. 7900894

Joseph Bonville [signature] 6-26

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

GENERATOR'S PRELIMINARY COPY

ACCT. NO.: AFE#986675/5442/WIC.NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM

21

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA I.D. NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No 1 VOLUME 14 yds CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK XX DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ____

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99-100	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A XX SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

TYPED OR PRINTED FULL NAME & SIGNATURE: R. C. Newsome [signature] DATE: 6-20-89

TRANSPORTER

NAME: CROSBY & OVERTON EMI Baker Trucking

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST. [illegible]

SERVICE ORDER NO ____

CITY, STATE, ZIP: OAKLAND, CA 94621 Fremont CA

PICK UP DATE ____

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO. 00-1674

TYPED OR PRINTED FULL NAME & SIGNATURE: J. H. Craft [signature] DATE: 6-21-89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER ____

ADDRESS: LOKERN RD.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO [redacted]

TYPED OR PRINTED FULL NAME & SIGNATURE ____ DATE ____

GEN	OLD/NEW	L	A	TONS	
TRANS		S	B		
C/O		RT/CD		HWDF NONE	DISCREPANCY

GENERATOR'S PRELIMINARY COPY

INVOICE

CROSBY & OVERTON, INC. Environmental Management
1610 WEST 17TH ST. LONG BEACH, CA 90813

8430 AMELIA STREET
OAKLAND, CALIFORNIA 94621
X (415) 895-9883
(800) 821-0424
FAX (415) 633-0759
(415) 893-0836

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
(503) 283-1150
FAX (503) 289-6568

20245 76th AVENUE SOUTH
P.O. BOX 1085
KENT, WA 98032
(206) 872-8030
FAX (206) 395-0377

CROSBY & OVERTON, INC
1610 WEST 17TH ST.
LONG BEACH, CALIF. 90813
(213) 432-5445 • (714) 821-9480
FAX (213) 436-7540
P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03850-5

P.O. NO.MOH 73809

DATE10-31-89

C & O JOB NO.5167T

CTY CODE 0300

TERMS: NET 30 DAYS

CUST SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O BOX 4023
CONCORD CA 94524

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY
REQ NO: MOH 10509

FURNISHED NECESSARY LABOR AND EQUIPMENT:
TO TRANSPORT CONTAMINATED SOIL FOR DISPOSAL TO AN APPROVED SITE

LABOR

10-10	0600-1530	1 HAZMAT SUPERVISOR	S. T.	8.00	HR @	31.36	250.88
			O. T.	1.00	HR @	40.03	40.03
	0530-1800	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0600-1830	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0730-1500	1 TRUCK DRIVER	S. T.	7.00	HR @	25.00	175.00
	0800-2030	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0800-2000	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	3.50	HR @	31.84	111.44
	0800-2030	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0830-2100	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0900-2130	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0900-2130	2 TRUCK DRIVER	S. T.	16.00	HR @	25.00	400.00
			O. T.	8.00	HR @	31.84	254.72
		(12.00 HR EACH)					
	1100-2330	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	1230-2400	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	3.00	HR @	31.84	95.52
	1230-2230	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	1.50	HR @	31.84	47.76
	1500-1900	1 TRUCK DRIVER	O. T.	4.00	HR @	31.84	127.36
	1800-2000	1 TRUCK DRIVER	D. T.	2.00	HR @	38.66	77.32
	1530-2000	1 TRUCK DRIVER	D. T.	1.50	HR @	38.66	57.99
	1900-2200	1 TRUCK DRIVER	D. T.	3.00	HR @	38.66	115.98

ORIGINAL

INVOICE

CROSBY & OVERTON, INC. Environmental Management
1610 WEST 17TH ST. LONG BEACH, CA 90813

8430 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9883
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
(503) 283-1150
FAX (503) 289-6568

20245 76th AVENUE SOUTH
P.O. BOX 1085
KENT, WA. 98032
(206) 872-8030
FAX (206) 395-0377

PLEASE REMIT TO:
CROSBY & OVERTON, INC
1610 WEST 17TH ST.
LONG BEACH, CALIF. 90813
(213) 432-5445 • (714) 821-9480
FAX (213) 436-7540
P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03850-5

P.O. NO.MOH 73809

DATE10-31-89

C & O JOB NO.5167T

CTY CODE 0300

TERMS: NET 30 DAYS

50167 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY
REQ NO: MOH 10508

CONTINUED FROM PAGE 1

	2030-2100	1 TRUCK DRIVER	D. T.	.50	HR @	38.66	19.33
	2130-2300	1 TRUCK DRIVER	D. T.	1.12	HR @	38.66	43.30
	2130-2400	2 TRUCK DRIVER	D. T.	5.00	HR @	38.66	193.30
		(2.50 HR EACH)					
	2330-2400	1 TRUCK DRIVER	D. T.	.50	HR @	38.66	19.33
10-11	0600-1130	1 HAZMAT SUPERVISOR	S. T.	5.50	HR @	31.36	172.48
	0600-1630	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0630-0830	1 TRUCK DRIVER	S. T.	2.00	HR @	25.00	50.00
	0630-1900	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	0700-1730	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	2.00	HR @	31.84	63.68
	0900-2130	2 TRUCK DRIVER	S. T.	16.00	HR @	25.00	400.00
			O. T.	8.00	HR @	31.84	254.72
		(12.00 HR EACH)					
	0900-2130	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	1130-2400	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	1830-2000	1 TRUCK DRIVER	D. T.	1.50	HR @	38.66	57.99
	1900-2200	1 TRUCK DRIVER	D. T.	3.00	HR @	38.66	115.98
	2130-2330	1 TRUCK DRIVER	D. T.	2.00	HR @	38.66	77.32
10-12	0600-0830	1 HAZMAT SUPERVISOR	S. T.	2.50	HR @	31.36	78.40
	0600-1830	2 TRUCK DRIVER	S. T.	16.00	HR @	25.00	400.00
			O. T.	8.00	HR @	31.84	254.72
		(12.00 HR EACH)					
	0630-1900	1 TRUCK DRIVER	S. T.	8.00	HR @	25.00	200.00
			O. T.	4.00	HR @	31.84	127.36
	1830-2030	2 TRUCK DRIVER	D. T.	4.00	HR @	38.66	154.64
		(2.00 HR EACH)					
	1900-2200	1 TRUCK DRIVER	D. T.	3.00	HR @	38.66	115.98

INVOICE

CROSBY & OVERTON, INC. Environmental Management

1610 WEST 17TH ST. LONG BEACH, CA 90813

8430 AMELIA STREET
OAKLAND, CALIFORNIA 94621
(415) 895-9383
(800) 821-0424
FAX (415) 633-0759

5420 N. LAGOON
SWAN ISLAND
PORTLAND, OREGON 97217
(503) 283-1150
FAX (503) 289-6568

20245 76th AVENUE SOUTH
P.O. BOX 1085
KENT, WA. 98032
(206) 872-8030
FAX (206) 395-0377

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LONG BEACH, CALIF. 90813
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P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03850-5

P.O. NO.MOH 73809

DATE10-31-89

C & O JOB NO.5167T

CTY CODE 0300

TERMS: NET 30 DAYS

SOLD TO: SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 94524

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY
REG NO: MOH 10508

CONTINUED FROM PAGE 2

10-10	0530-1800	1 TRUCK DRIVER	S. T.	8.00 HR @	25.00	200.00
			O. T.	4.00 HR @	31.84	127.36
		INSURANCE SURCHARGE		327.1 HRS @	1.88	614.98

EQUIPMENT

10-10	1 PICKUP TRUCK	9.0 HRS @	8.50	76.50
	1 END DUMP/TRACTOR	9.5 HRS @	39.00	370.50
	1 END DUMP/TRACTOR	11.0 HRS @	39.00	429.00
	1 END DUMP/TRACTOR	11.5 HRS @	39.00	448.50
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	14.0 HRS @	39.00	546.00
	2 END DUMP/TRACTOR	29.0 HRS @	39.00	1,131.00
10-11	1 PICKUP TRUCK	5.5 HRS @	8.50	46.75
	1 END DUMP/TRACTOR	2.0 HRS @	39.00	78.00
	1 END DUMP/TRACTOR	10.0 HRS @	39.00	390.00
	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00
	1 END DUMP/TRACTOR	12.5 HRS @	39.00	487.50
	1 END DUMP/TRACTOR	13.5 HRS @	39.00	526.50
	1 END DUMP/TRACTOR	15.0 HRS @	39.00	585.00
	2 END DUMP/TRACTOR	24.0 HRS @	39.00	936.00
10-12	1 PICKUP TRUCK	2.5 HRS @	8.50	21.25
	1 END DUMP/TRACTOR	15.0 HRS @	39.00	585.00
	2 END DUMP/TRACTOR	28.0 HRS @	39.00	1,092.00
10-13	1 END DUMP/TRACTOR	12.0 HRS @	39.00	468.00

UNPAID INVOICES MORE THAN 30 DAYS PAST DUE WILL BE SUBJECT TO A SERVICE CHARGE OF 1½% PER MONTH

INVOICE

CROSBY & OVERTON, INC. Environmental Management

1610 WEST 17TH ST. LONG BEACH, CA 90813

8430 AMELIA STREET
OAKLAND, CALIFORNIA 94621
~~(415) 895-9883~~
(800) 821-0424
FAX (415) 533-0759
(415) 633-0336

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SWAN ISLAND
PORTLAND, OREGON 97217
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FAX (213) 436-7540
P.O. BOX 1076
BELLINGHAM, WASH. 98227
(206) 734-7435
FAX (206) 733-0522

INVOICE NO.03850-5

P.O. NO.MOH 73809

DATE10-31-89

50187 SHELL OIL
ATTEN: EAST BAY DIST ENGINEER
P. O. BOX 4023
CONCORD CA 9 · 24

C & O JOB NO.5167T

CONTACT: RAY NEWSOME
JOB SITE: 2724 CASTRO VALLEY
REQ NO: MOH 10508

CTY CODE 0300

TERMS: NET 30 DAYS

CONTINUED FROM PAGE 3

MATERIALS

10-10	12 PAIR GLOVES	@	3.50	42.00
	13 ROLLS VISQUEEN	@	50.00	650.00
10-11	8 PAIR GLOVES	@	3.50	28.00
	8 ROLLS VISQUEEN	@	50.00	400.00
10-12	3 PAIR RUBBER GLOVES	@	3.50	10.50
	3 ROLLS VISQUEEN	@	50.00	150.00

SUBCONTRACTOR

SCALES		42.00
10.0% HANDLING CHARGE ON (*****42.00)		4.20

JOB LOCATION
CASTRO VALLEY, CA
AFE #986675/5442

$22,872.03

WORK COMPLETED: 10-11-89
CURRENT DATE: 11-06-89

RTC/LCC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

EPA ID NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No. 1 — VOLUME 18 CUBIC YARDS — WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ____

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

COMPONENTS OF WASTE	PPM	%
SOIL		99.9%+
1. PET. HYDROCARBONS	<1000	
2. TOTAL LEAD	<12	
3.		
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

PWI APPROVAL #G-625

HANDLING INSTUCTIONS: ____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/11/89

TRANSPORTER

NAME: CROSBY & OVERTON EMI / Bodine

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO: ____

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO.: 415 633-0336

Michael K. Tatum — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/11/89

TRUCK, UNIT NO: 3811 BODINE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER ____

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO.: 805 589-4912

~~Michael K. Tatum~~ — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/11/89

Roger Barnhart — 10-11-89

GEN	OLD/NEW	L	A	TONS 44,820	
TRANS		S	B		
C/O		RT/CD		HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

2051

C/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

EPA ID NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI / Luper

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO.

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO: 415 633-0336

TRUCK, UNIT, I.D NO. 75 Luper

ALFRED MELSON Alfred Melson 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO: 805 589-4912

ROGER BARRAM Roger Barram 10-11-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS	
TRANS		S	B	53,480	
C/O		RT/CD		HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

2056

I.C./LOC. NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

EPA ID NO NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No 1 VOLUME 15 * CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12 5.8 9	
4.	100	

COMPONENTS OF WASTE	PPM	%
5.		
6.		
7. ✓		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/11/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI / LYTTER

EPA ID NO NOT APPLICABLE

ADDRESS 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621

PICK UP DATE 10/11/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO. Hubert

JERRY PATTERSON Jerry Patterson 10/11/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

ROGER BARGAS Roger Bargas 10-11-89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 42,740	
TRANS		S	B		
C/O		RT/CD		HWDF/ NONE	DISCREPANCY

C/I&E NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT RD

EPA NO.: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO.: 213, 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS

TYPE: ☐ TANK TRUCK ☒ DUMP THUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		9.03

5. 6. 7. 8.

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI APPROVAL #G-6250

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/11/85

TRANSPORTER

NAME: CROSBY & OVERTON EMI / LUPER C

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/85

PHONE NO.: 415 633-0336

TRUCK, UNIT, I.D NO.: #76 Lupel

DANIEL C. DUARTE — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/11/85

TSD FACILITY #1

NAME: PETROLEUM WASTE, INC. 2nd

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO.: 805 589-4912

Roger Baarner — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10-11-

GEN	OLD/NEW	L A	TONS	17520
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

MANIFEST NO. MJ1-10508

2060

NO. 1204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No. 1900760 VOLUME 18 CUBIC YARDS WEIGHT ______ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ______

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99.9%+	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ______

HANDLING INSTUCTIONS: PWI APPROVAL #G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME [signature] 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO ______

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO. (415) 633-0336

TRUCK UNIT I.D. NO. RB6

[signature] 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER ______

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

[signature] 10-11-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	TONS 15
TRANS		S	B	49,060
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

IC/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: SHELL OIL COMPANY SHELL STATION

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

EPA ID NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 900760 VOLUME 18 CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION ____ GENERATING PROCESS ____

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

PWI APPROVAL #G-625

HANDLING INSTUCTIONS: ____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/10/89

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO: ____

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/10/89

PHONE NO. 415 633-0336

TRUCK UNIT I.D. NO. RB6 BAUERLE — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10/10/89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☒ OTHER Surface Impoundment

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. 805 589-4912

E V Harson — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE 10-10-89

GEN	OLD/NEW	L A	~~TONS~~ 17.000	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

2065

-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT EPA ID NO. NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 · CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
SOIL		99.9%+			
1.			5.		
PET. HYDROCARBONS	<1000				
2.			6.		
TOTAL LEAD	<12				
3.			7.		
4.			8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO. NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/10/89

PHONE NO (415) 633-0336

TRUCK UNIT I.D. NO. RBL Owen L. Hedger Owen L Hedger 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☐ LANDFILL ☑ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206 Surface impoundment

PHONE NO 805 589-4912

Hector L Marcus H L Marcus 10-11-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 46880	lbs
TRANS		S	B		
C/O		RT/CD		HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

CHEVRON NO.:204-1381-0407-EB/R. NEWSOME/ACCT.-NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT RD EPA I.D. NO. NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO. 213, 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON — TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION — GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+	5.		
2. PET. HYDROCARBONS	<1000		6.		
3. TOTAL LEAD	<12		7.		
4.			8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME — TYPED OR PRINTED FULL NAME & SIGNATURE — 10/10/89 DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO. NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/10/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO RB4 Bauerle

✓ Jeff Castillo — TYPED OR PRINTED FULL NAME & SIGNATURE — 10/10/89 DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD.

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

DISPOSAL METHOD ☐ LANDFILL ☑ OTHER SURFACE IMPOUNDMENT

PHONE NO. (805) 589-4912

HILARIO CAVAZOS — TYPED OR PRINTED FULL NAME & SIGNATURE — 10-11-89 DATE

GEN	OLD/NEW	L A	TONS 47460 LBS.
TRANS		S B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

2072

NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA ID NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: (213) 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS ____

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

PWI APPROVAL #G-625

HANDLING INSTUCTIONS: ____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO. ____

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE 10/10/89

PHONE NO: (415) 633-0336

TRUCK UNIT I.D NO. #78 LUPER

x TERRY PATTERSON Terry Patterson 10/10/8

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ ~~OTHER~~ Sent Emp.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO: (805) 589-4912

FILL Fill 10-10-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	~~TONS~~	51.540
TRANS		S B		
C/O		RT/CD	HWDF	NONE

DISCREPANCY

TRANSPORTER'S COPY

2067

LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442 CO#4665

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT EPA ID NO NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO 213 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
SOIL		99.9%+			
1.			5		
PET. HYDROCARBONS	<1000				
2.			6		
TOTAL LEAD	<12				
3.			7		
4			8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/10/89

PHONE NO 415 633-0336

TRUCK UNIT, I.D. NO. C3 Collins Robert DAPISH Robert Dapish 10/10/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☐ LANDFILL ☒ OTHER Surface Impoundment

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. 805 589-4912

F Wilson F Wilson 10-10-89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	~~D035~~
TRANS		S	B	46,7410
C/O		RT/CD		HWDF/NONE

DISCREPANCY

TRANSPORTER'S COPY

204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA ID NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO.

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/10/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO: #76 Lupoy

X DANIEL C. DUARTE Daniel C. Duarte 10/10/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

DISPOSAL METHOD

ADDRESS: LOKERN RD.

☐ LANDFILL ☒ OTHER Surf Imp.

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

F V Hansel
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	~~TONS~~ LBS	
TRANS		S B	48,500	
C/O		RT/CD	HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

NO. MDH-5581 REL. NO. MDH-10508

C/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO.: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%
1.	SOIL		99.9%+
2.	PET. HYDROCARBONS	<1000	
3.	TOTAL LEAD	<12	
4.			
5.			
6.			
7.			
8.			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI APPROVAL #G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

TYPED OR PRINTED FULL NAME & SIGNATURE: R. G. NEWSOME [signature] DATE: 10/10/89

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/10/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO. BIS BODINE

TYPED OR PRINTED FULL NAME & SIGNATURE: [signature] JAMES P. SEENAGH DATE: 10/10/89

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☒ OTHER Surface Impoundment

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

TYPED OR PRINTED FULL NAME & SIGNATURE: [signature] DATE: 10-10-89

GEN	OLD/NEW	L	A	TONS 37,700
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

WORK ORDER NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213, 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT ____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER ____

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%
2. PET. HYDROCARBONS	<1000	
3. TOTAL LEAD	<12	
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER ____

PWI APPROVAL #G-625

HANDLING INSTUCTIONS: ____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO ____

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE 10/10/89

PHONE NO: 415 633-0336

TRUCK, UNIT, I.D NO: #B14

R. McCracken 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D NO.: NOT APPLICABLE

DISPOSAL METHOD

ADDRESS: LOKERN RD.

☐ LANDFILL ☒ OTHER Stor Impoundment

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO: 805 589-4912

E V Hardy 10-10-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 46,100	
TRANS		S	B		
C/O		RT/CD		HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

~~10508/DS~~ B.O. NO. MOH-B561 REL. NO. MOH-10508 2075

IC/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

EPA ID NO. | | | | NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION TANK REMOVAL/REPLACEMENT

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
SOIL		99.9%+			
1			5		
PET. HYDROCARBONS 1.63	<1000		6		
2 TOTAL LEAD	<12				
3 TO			7		
4			8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI / LUPER

EPA I.D. NO. | | | | NOT APPLICABLE

ADDRESS 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 n/a

PICK UP DATE 10/10/89

PHONE NO (415) 633-0336

TRUCK, UNIT, I.D. NO. #75 Luper

ALFRED MELSON Alfred Melson 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. | | | | NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD.

☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

BRIAN BANFORT Brian Banfort 10/16/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B	47 180	
C/O		RT/CD	HWDF NONE	DISCREPANCY

CALT-66316 2066

Bodine Truck Service

FREIGHT BILL

40449 PASEO PADRE PKWY.
FREMONT, CA 94538

408/262-7726
415/651-2822

MC-
2448

SHIPPER: Shell Oil Co.
STREET: Castro Valley Blvd.
CITY: Castro Valley
ORIGIN:

DATE: 10/10/89
CONSIGNEE: ~~[illegible]~~ 65X
STREET OR BOX:
CITY: Buttonwillow
DESTINATION:
BILL TO – OFFICE USE ONLY
STREET OR BOX:
CITY:

MILES	JOB NO	PROD AREA	DELIVERY ZONE

NO AXLES: 5 DISTANCE BETWEEN AXLES: CUBIC YARD CAPACITY:

TYPE EQUIPMENT: ☐ VANS ☐ [illegible] ☐ TRANSFERS ☐ TEN WHEELERS ☐ DBL. BOTTOM ☐ SEMI BOTTOM ☑ SEMI END DUMPS

COMMODITY: Contaminated Soil

TAG NO	WEIGHT	ORIGIN IN	ORIGIN OUT	DESTINATION IN	DESTINATION OUT
1. 170593	40,960				
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

4. FINISH DUMPING LAST TRIP: 8:00
3. JOBSITE ARRIVAL LAST TRIP: 7:15
1. STARTING TIME FIRST TRIP: 1:00
2. LOADING TIME LAST TRIP: 2:45
5. OVER ALL TIME (4 – 1): 7
6. TRAVEL TIME (3 – 2): 4 1/2
7. TOTAL TIME (5 + 6): 11 1/2
8. LESS MEAL & DOWNTIME: NONE
9. NET CHARGEABLE HRS (7 – 8): 11 1/2

OFFICE USE ONLY
TOTAL LBS / TONS: 20.48
TOTAL HRS: 33.00
RATE:
$
STD BY ___ MIN @ ___ =
$ 675.84

Crosby + Overton
UNDERLYING CARRIER
BY: Mike
DRIVER

TRUCK NO.: B11 TRAILER NO.: B11A

ON ALL PAST DUE ACCOUNTS THERE WILL BE A FINANCE CHARGE OF 1½% PER MONTH, WHICH IS 18% ANNUALLY. DEBTOR AGREES TO PAY LEGAL FEES AND COURT COSTS INCURRED IN THE COLLECTION OF DELINQUENT ACCOUNTS.

BY ___
CONSIGNEE
RECEIVED IN GOOD CONDITION EXCEPT AS NOTED

WHITE & CANARY – OFFICE COPIES GOLDENROD – TRUCKER COPY
PINK – CONSIGNEE COPY

DATA FORM

EPA I.D. NO.: NOT APPLICABLE
PHONE NO: (213) 816-2037
C YARDS WEIGHT: POUNDS
TANK REMOVAL/REPLACEMENT
[...]ENTS OF WASTE PPM %
[...]THER
[signature] 10/10/89
DATE
EPA I.D. NO.: NOT APPLICABLE
SERVICE ORDER NO.
PICK UP DATE: 10/10/89
[signature] 10/10/89
DATE
EPA I.D. NO.: NOT APPLICABLE
DISPOSAL METHOD
☐ LANDFILL ☒ OTHER
[signature]

TSD FACILITY
CITY, STATE, ZIP: BUTTONWILLOW, CA 93206
PHONE NO.: (805) 589-4912
[signature] 10-10-89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	~~TONS~~ lbs
TRANS		S	B	40,960
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

CCT. NO.: SEE ENGINEER/WIC/LOC NO.:204-1381-0407-EB/R. NEWSOME 5167T 5212

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION EPA I.D. | | | | NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP ~~CARSON, CA 90749~~ ~~CASTRO VALLEY, CA 94546~~ PHONE NO (213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT _____ POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER _____

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1 SOIL		99.9%+	5		
2 PET. HYDROCARBONS	<1000		6		
3			7		
4			8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER _____

HANDLING INSTUCTIONS PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome R G Newsome 10/12/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO. | | | | NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO _____

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/12/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO. 214/332 Donald Dan Cox 10/12/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. | | | | NOT APPLICABLE

DISPOSAL METHOD

ADDRESS LOKERN RD. ☒ LANDFILL ☐ OTHER _____

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO (805) 589-4912

Chris Bisnett Chris Bisnett 10-12-89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L A	~~TONS~~ CYS 1,700	
TRANS		S B		
C/O		RT/CD	HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

C/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA ID NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP THUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
SOIL		99.9%+
1 PET. HYDROCARBONS	<1000	
2 TOTAL LEAD	<12	
3		
4		
5		
6		
7		
8		

PROPERTIES: PH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO. 415 633-0336

TRUCK, UNIT, I.D NO. 203/1334

ED FLICK Ed Flick 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO 805 589-4912

Rocco Bracco Tom Barnes 10-11-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	~~TONS~~	
TRANS		S	B	17000	
C/O		RT/CD		HWDF NONE	DISCREPANCY

TRANSPORTER'S COPY

IC/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99.9%+	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI APPROVAL #G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME — R G Newsome — 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO: 17

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO: 214/1332

Donald Donalson — 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☐ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

Sunfrao Inc

PHONE NO (805) 589-4912

Roger Barrera — R Barrera — 10-11-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	~~TONS~~ lbs
TRANS		S	B	42,960
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

C/LOC NO.:Z04-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT RD

EPA I.D. NO. NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO (213) 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1 SOIL		99.9%+
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	
4		
5		
6		
7		
8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI

EPA I.D NO NOT APPLICABLE

ADDRESS 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621

PICK UP DATE 10/10/89

PHONE NO (415) 633-0336

TRUCK UNIT, I.D NO. 203/334

ED FLICK Ed Flick 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD.

DISPOSAL METHOD

☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

BRIAN BANFROT B Banfrot 10/15/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 49.120
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

C/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

5167

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT RD

EPA NO: NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO 213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP THUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION TANK REMOVAL/REPLACEMENT

GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1 SOIL		99.9%+	5		
2 PET. HYDROCARBONS	<1000		6		
3 TOTAL LEAD	<12		7		
4			8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI APPROVAL #G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI

EPA I.D NO: NOT APPLICABLE

ADDRESS 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621

PICK UP DATE 10/10/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D NO. 205/340

DENNIS FENK Dennis Fenk 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO (805) 589-4912

BRIAN BANFLOT B Banflot 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 44.60	
TRANS		S	B		
C/O		RT/CD		HW/DF NONE	DISCREPANCY

TRANSPORTER'S COPY

C/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY SHELL STATION

EPA ID NO: NOT APPLICABLE

ADDRESS: P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHAB

CITY, STATE, ZIP: CARSON, CA 90749 CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER TANK REMOVAL/REPLACEMENT

SOIL CONT. W/PETROLEUM HYDROCARBON

WASTE DESCRIPTION GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%
1 SOIL		99.9%+
2 PET. HYDROCARBONS	<1000	
3 TOTAL LEAD	<12	/
4		

COMPONENTS OF WASTE	PPM	%
5		
6		
7		
8		

PROPERTIES pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME R G Newsome 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE 10/10/89

PHONE NO. (415) 633-0336

TRUCK, UNIT, I.D. NO. 214, 332 V Donald Dodson 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

BRIAN BONERDT R Bonerdt 10/10/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	~~TONS~~ 5700 lbs
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

C/LCC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442 51677

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA I.D. NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 VOLUME CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION: SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS: TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99.9%+	5			
2	PET. HYDROCARBONS	<1000		6			
3	TOTAL LEAD	<12		7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI APPROVAL #G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME — R G Newsome — 10/11/89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO. (415) 633-0336

Don Olson — Don olson

DENNIS FETTE — Dennis Fette — 10/11/89

TRUCK, UNIT, I.D. NO. 205/340

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO.: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

Charles Bissell — [signature] — 10-13-89

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L	A	~~TONS~~ LBS 43,320	
TRANS		S	B		
C/O		RT/CD		HWDF/ NONE	DISCREPANCY

TRANSPORTER'S COPY

IC/LOC NO.:204-1381-0407-EB/R. NEWSOME/ACCT. NO.:AFE#986675/5442 5160T

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

~~GENERATING SITE~~

NAME: SHELL OIL COMPANY — SHELL STATION

ADDRESS: P. O. BOX 6249 — 2724 CASTRO VALLEY/LAKE CHABOT

EPA NO: NOT APPLICABLE

CITY, STATE, ZIP: CARSON, CA 90749 — CASTRO VALLEY, CA 94546

PHONE NO: 213 816-2037

CONTAINERS: No 1 — VOLUME CUBIC YARDS — WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

SOIL CONT. W/PETROLEUM HYDROCARBON — TANK REMOVAL/REPLACEMENT

WASTE DESCRIPTION — GENERATING PROCESS

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1 SOIL		99.9%+	5		
2 PET. HYDROCARBONS	<1000		6		
3 TOTAL LEAD	<12		7		
4			8		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

PWI APPROVAL #G-625

HANDLING INSTUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R. G. NEWSOME — TYPED OR PRINTED FULL NAME & SIGNATURE — 10/11/89 DATE

TRANSPORTER

NAME: CROSBY & OVERTON EMI

EPA I.D. NO: NOT APPLICABLE

ADDRESS: 8430 AMELIA ST.

SERVICE ORDER NO

CITY, STATE, ZIP: OAKLAND, CA 94621

PICK UP DATE: 10/11/89

PHONE NO: 415 633-0336

TRUCK UNIT, I.D NO: 205/340

DON OLSEN DENNIS BEATTY — TYPED OR PRINTED FULL NAME & SIGNATURE — 10/11/89 DATE

TSD FACILITY

NAME: PETROLEUM WASTE, INC.

EPA I.D. NO: NOT APPLICABLE

ADDRESS: LOKERN RD.

DISPOSAL METHOD: ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP: BUTTONWILLOW, CA 93206

PHONE NO: 805 589-4912

Charlie Brindell — TYPED OR PRINTED FULL NAME & SIGNATURE — 10-13-89 DATE

GEN	OLD/NEW	L A	~~TONS~~ LBS	43,320
TRANS		S B		
C/O		RT/CD	HWDF/ NONE	DISCREPANCY

TRANSPORTER'S COPY

TR-B/O NO. MOH-73809 REL. NO. MOH-10508/DS-B/O. NO. MOH-2561 REL. NO. MOH-10508 3275

ACCT. NO.: SEE ENGINEER/WIC/LOC NO.:204-1381-0407-EB/R. NEWSOME

NON-HAZARDOUS WASTE DATA FORM 5167T

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME SHELL OIL COMPANY SHELL STATION EPA I.D. NO. | | | | NOT APPLICABLE

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO. 213 816-2037

CONTAINERS: No. 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON

GENERATING PROCESS TANK REMOVAL/REPLACEMENT

COMPONENTS OF WASTE	PPM	%
1. SOIL		99.9%+
2. PET. HYDROCARBONS	<1000	
3.		
4.		
5.		
6.		
7.		
8.		

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS: PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

R G Newsome R G Newsome 10/12/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO. | | | | NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/12/89

PHONE NO. (415) 633-0336

TRUCK UNIT I.D. NO. 216/325

ED FLICK Ed Flick 10/12/89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. | | | | NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO. (805) 589-4912

STEVE BUTLER Steve Butler 10-12-89
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	42.720
C/B		RT/CD		HWDF NONE

DISCREPANCY

NO. MOH-75609 REL. NO. MOH-10508/DS-B/O. NO. MOH-B561 REL. NO. MOH-10508 3274

ACCT. NO.: SEE ENGINEER/WIC/LOC NO.:204-1381-0407-EB/R. NEWSOME 5167T

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME SHELL OIL COMPANY GENERATING SITE SHELL STATION

ADDRESS P. O. BOX 6249 2724 CASTRO VALLEY/LAKE CHABOT EPA I.D. NO NOT APPLICABLE

CITY, STATE, ZIP CARSON, CA 90749 CASTRO VALLEY, CA 94546 PHONE NO 213 816-2037

CONTAINERS: No 1 VOLUME 18 CUBIC YARDS WEIGHT POUNDS

TYPE: ☐ TANK TRUCK ☒ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION SOIL CONT. W/PETROLEUM HYDROCARBON GENERATING PROCESS TANK REMOVAL/REPLACEMENT

	COMPONENTS OF WASTE	PPM	%		COMPONENTS OF WASTE	PPM	%
1	SOIL		99.9%+	5			
2	PET. HYDROCARBONS	<1000		6			
3				7			
4				8			

PROPERTIES: pH N/A ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTUCTIONS PWI#G-625

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

R G Newsome R G Newsome 10/12/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME CROSBY & OVERTON EMI EPA I.D. NO NOT APPLICABLE

ADDRESS 8430 AMELIA ST. SERVICE ORDER NO

CITY, STATE, ZIP OAKLAND, CA 94621 PICK UP DATE 10/12/89

PHONE NO. 415 633-0336

TRUCK, UNIT, I.D NO. 203/334

[signature] 10/12/89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME PETROLEUM WASTE, INC. EPA I.D. NO. NOT APPLICABLE

ADDRESS LOKERN RD. DISPOSAL METHOD ☒ LANDFILL ☐ OTHER

CITY, STATE, ZIP BUTTONWILLOW, CA 93206

PHONE NO 805, 589-4912

Steve Bickel [signature] 10-12-89

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS 13.5
TRANS		S	B	42917
C/O		RT/CD		HWDF NONE

DISCREPANCY

TRANSPORTER'S COPY

EXHIBIT B

CONVERSE ENVIRONMENTAL WEST

55 Hawthorne Street, Suite 500
San Francisco, California 94105-3906

Telephone 415 543-4200
FAX 415 777-3157

January 16, 1990
88-44-380-01-381

Ms. Diane M. Lundquist
Shell Oil Company
1390 Willow Pass Rd., Suite 900
Concord, CA 94520

Subject: Remediation Status Summary
2724 Castro Valley Blvd.
Castro Valley, California

Dear Diane:

Accompanying is a copy of the project status which you requested by FAX on January 12, 1990. Please note that in response to your request for a summary of site assessment results to date, I have provided a copy of the section of the Revised Work Plan which contains this information.

I trust this information is adequate for your upcoming meeting with the Alameda County Health Care Services Agency.

Sincerely,

Converse Environmental West

Douglas W. Charlton
Vice President

DWC:mkb

Enclosures

SHELL\2724 CASTRO VALLEY BLVD\DLLTR.190

PROJECT SUMMARY
2724 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
CEW NO. 88-44-380
January 16, 1990

Brief History

3/1988:	Woodward-Clyde conducted a preliminary site assessment by drilling and sampling three soil borings at the site: two at older (former) tanks and one at the proposed future location of tanks. Negligible detectable hydrocarbons were reported [0.1 parts per million (ppm) benzene in one sample; others non-detectable at detection limit of 5 ppm total petroleum hydrocarbon (TPH) as gasoline].
3/1989:	Shell Oil Company sent a soil report to ACHCSA for two excavations: one at the former tanks and one at the desired locations of the future tanks, including analytical data; Shell Oil Company requested approval to proceed with tank installation. ACHCSA directed that no new tanks would be installed or excavations backfilled until Shell, the Owner and ACHCSA agree.
3/1989:	Shell requested permission to proceed with tank installation because sampling showed essentially "clean" sidewall soils. Shell proposed to over-excavate the former tank excavation and certain piping trenches to remove soil contamination. Shell committed to a soil/groundwater investigation according to LUFT guidelines.
5/1989:	Shell transferred this case to Converse. Work was suspended pending resolution of certain legal issues.
7/1989:	Converse tested and sampled the excavation sidewalls (6/1989) and reported preliminary and final results to Shell and the ACHCSA (7/1989).

7/1989:	Because the excavation extended to physical limits (buildings, pavements, utility lines and property boundaries), Shell requested permission to backfill the excavation from the ACHCSA. This was to allow progress on construction efforts and removal of contaminated soil from the pump island areas. Shell also committed to preparing Work Plan to address investigating and remediating offsite soil and groundwater in the vicinity of the property, as needed.
7/1989:	The ACHCSA requested additional information to complete the above report (7/1989), which was provided by letter.
8/1989:	Under contract to Converse, Paradiso Construction trenched and sampled at the pump islands.
8/1989:	Converse reviewed the aerial photo history of the site, and reported the results to Shell.
9/1989:	Converse reported soil analytical results of sidewall sampling (8/1989) to Paradiso Construction and Shell. Converse alerted Paradiso to the possibility of buried old tanks under the sidewalk adjacent to the site.
9/1989:	Converse submitted to the RWQCB and the ACHCSA a Quarterly Report summarizing activities undertaken and completed in Q3/89.
10/1989:	Converse and Paradiso excavated contaminated soil and fill from pump island area, and placed it onsite pending offsite disposal. Spoil soil was disposed the following week, after analytical profiling. Floor and sidewall samples contained ≤41 ppm TPH-g and negligible BTEX, as reported to Shell.
11/1989:	Converse prepared a site Work Plan, and submitted same to the RWQCB and the ACHCSA.
12/1989, 1/1990:	Converse submitted a letter and subsequent report of Q4/89 activities to the RWQCB and ACHCSA. The report contained a summary of analytical results and discussed activities intended for completion of closure on soil issues, and initiation of groundwater investigation.

1/1990: Converse submitted a Revised Work Plan for the site (attached), which: requested 1) permission to proceed with backfilling remaining excavations and 2) expressed intention to immediately begin groundwater investigation and offsite soil investigation.

Work Completed in Last 90 Days

- Soil excavation was completed laterally, to the property boundary on the south, to the earlier excavation on the east, and to probable limits of contamination on the west and north. Sidewall soil samples contained ≤41 ppm TPH-g.

- A site Work Plan was prepared and submitted to the RWQCB and ACHCSA. This plan outlined activities needed to achieve site closure for soil contamination (onsite and offsite) and groundwater.

- No groundwater sampling or quarterly monitoring was conducted because no wells exist onsite. The only environmental groundwater analysis for this property came from a sample from the excavation.

Work Planned, Next 90 Days

- Collect verification sample from excavation from excavation sidewall; expand excavation laterally short distances as appropriate.

- Backfill the existing excavation, pending approval of the RWQCB, the ACHCSA and the Owner.

- Install four onsite groundwater monitoring wells at the corners of the property (scheduled for January 17, 1990) per the Work Plan specifications.

- Develop and sample groundwater from the above wells; analyze some for TPH-g and BTEX.

- Monitor water quality and groundwater elevation monthly for three months, and then once quarterly thereafter (unless otherwise appropriate).

- Prepare a Quarterly Report of Activities, for submittal to the RWQCB and the ACHCSA on or before March 31, 1990.

- Review the project with the ACHCSA quarterly.

Technical Report Submittal Dates

• March 31, 1989	Progress Report - Soil Sampling
• July 11, 1989	Progress Report - Soil Sampling & Excavation
• July 27, 1989	Progress Report - Reply to ACHCSA
• September 29, 1989	Letter Summary of Progress, Q3/89
• October 11, 1989	Progress Report - Soil Sampling & Excavation
• November 30, 1989	Work Plan
• January 12, 1990	Progress Report - Q4/89 Activities

"CALWATER" Summary Report Submittal Dates

- January 12, 1990

SUMMARY OF WORK COMPLETED by CEW (May, 1989 to January, 1990)

(From the Revised Work Plan, 1/16/90)

Underground Storage Tank Removal.

CEW did not perform the underground storage tank removal. Work performed by CEW at this site has consisted of post tank removal excavation and environmental soil sampling.

Summary of Soil Borings.

No soil borings have been drilled by CEW.

Summary of Groundwater Monitoring Well Installations.

No groundwater monitoring wells have been installed by CEW.

Summary of Excavation work and Soil Sampling.

The existing excavation was widened in 4 stages to reach soils where the residual contamination concentrations (if any) were acceptable to Alameda County. After each excavation stage, soil samples were collected from the exposed fresh soils. The excavation had been deepened to ground water (approximately 12.5 feet bgs as measured at the southeast corner of the excavation) and this depth was considered as the limiting excavation depth.

Stage 1 began on June 12, 1989, after the excavation had been open and exposed for over a month. The excavation faces were scraped away to reveal fresh soils and 8 samples were collected along the sidewalls. Widening was confined to the north by the station building and limited to the east by a shallow telephone trench. Sidewall samples were collected and analyzed for TPH-g and BTEX. The resulting sample analyses revealed higher than allowable concentrations in the northeast corner of the excavation

and along the center of the south wall. However, further excavation north and east was essentially impossible because of the presence of the building and the offsite road.

Stage 2 continued the excavation in a southerly direction, towards Castro Valley Boulevard. Periodic field screening of soils using an OVM suggested that contamination was still present and excavation was continued south until limited by the sidewalk. The excavation was squared along the southern wall and samples were collected along the sidewalls of the newest portion. Sample analyses revealed that residual MVF contamination in the soils along the south wall were within commonly cited County allowable limits.

A report of the sample analyses to date titled "Interim Sampling Report and Recommendations" was sent to the Alameda County Health Agency along with a request allowing the excavation to be filled so that additional remedial excavation could be continued westward towards the center of the site.

Stage 3 consisted of excavating soil in the center of the site, around the former pump islands. Contamination in the gravelly sand was considered possible but remediation by excavation was not considered feasible. Therefore, CEW planned to limit the depth of excavation to the clay, but extend excavation onsite laterally as far as necessary. Remediation of the gravelly sand was planned to be accomplished by alternate methods.

Surface paving was broken up and buried piping was removed. Backhoe trenches were dug at the ends of and between the pump islands. Eight shallow samples (SS-1 through SS-7) were taken from the trenches to assess the lateral limits of near-surface contamination. The analytical results from these samples defined the probable lateral limits of near-surface contamination, and excavation commenced within a digging outline.
The canopy pillars were supported during excavation by pouring a slurry footing around one pillar and leaving enough soil around the other pillars to achieve structural stability. Excavation was performed laterally to the digging limits and downward into the clay. Samples S-1 through S-19 were taken as work progressed. As analytical results were received, it became clear that the clay was free of contamination and probably acted as an effective barrier to downward contaminant migration. All samples were within County residual contaminant concentration limits with the exception of S-16 and S-19.

Stage 4 consisted of two tasks. First, the excavation was laterally expanded until "clean" soil was exposed in the sidewall. Samples SW-20 and SW-21 were taken for confirmation. The high concentrations at sample S-16 were suspected to be a result of digging too deep and breaching into the underlying gravelly sand. Samples SW-22 and SW-23 were collected at the same location as S-16 but slightly deeper and examined. They were gravelly sand. The consequent analyses confirmed this suspicion.

All soil samples were collected and handled in the field according to standard sample handling protocols. They were transferred to a California State certified analytical laboratory under proper chain of custody and preservation. See Appendix F. In the tables and attachments, some sample numbers are identical, however they can be distinguished by date of collection. Those samples collected in the stockpiles to aid in disposal are noted with an asterisk.

Analytical results are summarized in Table 1. The first suite of samples taken, SW-1
through SW-7, also had analyses run for Oil and Grease, and Diesel Fuel, but the results were not significant and are not summarized here.

TABLE 1. SOIL ANALYSES

NOTE:
All results in mg/Kg(ppm)
* - Indicates sample collected in surface stockpile for disposal analysis

Loc/depth	DATE COLLECTED	TPH-g	B	E	T	X
SW-1 @ 13'	6/12/89	810	2.700	5.000	15.00	31.00
SW-2 @ 13'		160	0.470	1.400	4.600	10.00
SW-3 @ 13'		400	1.300	2.600	6.800	17.00
SW-4 @ 15'		<10	<.025	<.075	<.025	<.075
SW-5 @ 13'		2300	29.00	32.00	160.0	200.0
SW-6 @ 11.5'		14	0.055	0.110	0.090	0.460
SW-6A @ 4'		<10	0.029	<.075	0.120	<.075
SW-7 @ 5.5'		<10	0.061	0.190	0.140	<.075
SW-8 @ 12'	7/5/89	<10	<.025	<.075	<.025	<.075
SW-9 @ 12'		11	<.025	0.060	0.660	1.400
SW-10 @ 12'		18	1.000	0.570	2.900	1.700
SW-11 @ 12'		71	2.600	2.500	7.000	5.400
EX PIT (H2O)	7/6/89	<0.05	<.0005	<.0015	<.0005	<.0015
SS-1 @ 4'	8/30/89	<10	<.025	<.075	<.025	<.075
SS-2 @ 4.5'		130	0.330	2.900	1.300	14.00
SS-3 @ 5'		<10	0.180	<.075	<.025	<.075
SS-3-2 @ 5'		<10	<.025	<.075	<.025	<.075
SS-4 @ 4'		17	0.100	0.240	<.025	1.100
SS-5 @ 5'		630	0.028	0.810	0.240	7.600
SS-6 @ 5'		1300	0.061	3.300	<.025	8.100
SS-7 @ 5.5'		3300	3.600	51.00	4.200	140.0
1 @ 7'	10/2/89	<10	<.025	<.075	<.025	<.075
2 @ 7'		13	<.025	<.075	<.025	<.075
3 @ 8'		12	0.096	0.098	0.180	0.560
4 @ 3'	10/3/89	<10	<.025	<.075	<.025	<.075
S-1 *		28	<.025	0.012	0.038	0.660
S-2 *		14	<.025	<.075	<.025	0.190
S-3 *		11	<.025	<.075	<.025	0.230
S-4 *		81	<.025	0.200	<.025	0.510
S-5 *		<10	<.025	<.075	<.025	<.075
S-6 *	10/4/89	<10	<.025	<.075	<.025	<.075
S-7 *		<10	<.025	<.075	<.025	<.075

TABLE 1 (cont'd). SOIL ANALYSES

NOTE:

All results in mg/Kg(ppm)
* - Indicates sample collected in surface stockpile for disposal analysis

Loc/depth	DATE COLLECTED	TPH-g	B	E	T	X
5 @ 10.5'	10/4/89	41	0.082	2.100	5.000	12.00
6 @ 7'		<10	0.029	<.075	0.071	0.170
7 @ 3'		<10	<.025	<.075	<.025	<.075
8 @ 3'		<10	<.025	<.075	<.025	<.075
9 @ 6'		<10	<.025	<.075	<.025	<.075
10 @ 3'		<10	<.025	<.075	<.025	<.075
11 @ 7.5'		<10	<.025	<.075	<.025	<.075
12 @ 4'		<10	<.025	<.075	<.025	<.075
13 @ 8'		<10	<.025	0.280	<.025	0.240
14 @ 3'		<10	<.025	<.075	<.025	<.075
15 @ 3'	10/11/89	<10	<.025	<.075	<.025	<.075
16 @ 9'		240	0.150	1.800	1.500	11.00
17 @ 4'		<10	<.025	<.075	<.025	<.075
18 @ 4'		<10	<.025	<.075	<.025	<.075
19 @ 3'		470	<.025	1.000	<.025	10.00
SW-20 @ 6'	10/26/89	1.9	<.0025	<.0025	0.0064	0.0078
SW-21 @ 7'		<1	<.0025	<.0025	<.0025	<.0025
SW-22 @ 12'		200	0.5200	1.5000	1.8000	5.3000
SW-23 @ 12'		350	0.9500	3.1000	4.7000	13.000
SP 10:26 *		1.8	4.500	20.00	40.00	120.00

Groundwater Analysis and Results

One groundwater sample was collected from presumed groundwater in the excavation pit (7/6/89). This sample was analyzed for TPH-g and BTEX, but no detectable concentration were present.

GEOLOGY AND INTERPRETATION

Soil contamination at the site is highest in the eastern portion where the underground storage tanks were previously located. Groundwater contamination has not been assessed. Three distinct soil layers affect the distribution of the motor vehicle fuel (MVF) contamination at the site. Motor vehicle fuel contamination (MVF) was discovered only in the soils above and below the dense clay layer.

The geologic column of soils at the site shows three horizons: shallow (0 to 5') topsoil, intermediate clay (5 to 11') and lower sands (7 to 11'). Contacts are not definite and the depths to contacts are only approximate.

Topsoil occurs from the surface to approximately 5 feet below ground surface (bgs). The upper 2 feet consists of asphalt and sand and brown loam fill. Soil below that is 3 foot thick, dark brown to black, organic, and crumbly. Odor from this zone was only observed during excavation and sampling around the former pump islands. This zone exhibited no odor during the excavation on the eastern side of the site and only one sample was collected in it.

A dense, light brown clay occurs from 5 to 11 feet bgs. The clay is stiff, plastic, cohesive, and appears to be very impermeable. None of the clay samples exhibited odor during field screening. No contamination has been observed in samples of pure clay.

A gravelly sand occurs from approximately 11 feet bgs to the watertable, which is <1 feet to 2 feet below the contact. The sand is grayish green in color, loosely consolidated, well graded (poorly sorted), with abundant rounded pebbles of 3/4 inch diameter. This sand appears very permeable. Strong odors were observed from this layer during many stages of the excavation. However, at some locations where the odor was the highest, the analytical results were low (< 18 ppm). This implies a mostly vaporized contaminant phase at those locations.

TPH-g in the upper topsoil layer is localized into small areas of high concentration with limited lateral spreading. This pattern is typical of shallow contamination sourced from isolated or low volume leaks. Contamination in this topsoil layer above the clay was caused by surface spills or leaks from near surface sources such as dispensers or pipe connections.

Only two samples in the intermediate clay layer have concentrations substantially above the detection limit. Both these samples were collected near the suspected base of the clay and both were considered likely to be contaminated either by in-situ proximity to, or partial mixture with the gravelly sand underlying clay.

Some TPH-g was observed in samples taken below the clay in the gravelly sand. The highest concentration is close to the location of the former underground tanks and gradually decreases laterally. Concentrations greater than County allowables may trend offsite to the northeast. No information is available regarding the construction of the former fuel tank excavation, but it is likely that the bottom of the excavation intersected the top of the gravelly sand. In time, leaking MVF could have migrated through the fill into the gravelly sand and undergone lateral migration.

One water level taken during sampling (July, 1989) measured static water at 12.5 feet bgs, or approximately 0.5 feet below the top of the gravelly sand. The measurement was obtained after water had seeped into the excavation after having been pumped almost dry the previous day. It was measured from ground surface at the southeast corner of the excavation.

The gravelly sand is an aquifer for the local water table and the water level is probably seasonally variable. The water sample taken exhibited no contamination.

CONVERSE ENVIRONMENTAL WEST

55 Hawthorne Street, Suite 500
San Francisco, California 94105-3906

Telephone **415 543-4200**
FAX 415 777-3157

January 16, 1990
88-44-380-01-380

Ms. Diane M. Lundquist
Shell Oil Company
1390 Willow Pass Rd., Suite 900
Concord, CA 94520

Subject: Transmittal of Revised Work Plan
2724 Castro Valley Blvd.
Castro Valley, California

Dear Diane:

Enclosed for your review is a copy of the Revised Work Plan for soil and groundwater characterization and remediation at the subject site. Please review this plan at your convenience and recommend changes as appropriate. CEW will submit this plan, with revisions, to the Alameda County Health Care Services Agency and the Regional Water Quality Control Board upon your instruction.

Very truly yours,

Converse Environmental West

Douglas W. Charlton
Vice President

DWC:mkb

Enclosure

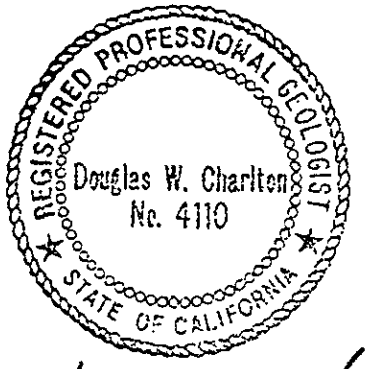
SHELL\2724 CASTRO VALLEY BLVD\DLLTR2.190

RETAIL GASOLINE STATION

SHELL OIL COMPANY
2724 Castro Valley Blvd.
Castro Valley, California

January 16, 1990

CEW Project No. 88-44-380-01



DOUGLAS W. CHARLTON
Principal Geologist

This report has been prepared by the staff of Converse Environmental West (CEW) under the professional supervision of the Engineer and/or Geologist whose seal(s) and signature(s) appear hereon.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the Client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either expressed or implied.

REVISED
WORK PLAN

January 16, 1990

SHELL OIL COMPANY FACILITY
2724 Castro Valley Blvd.
Castro Valley, California

This Revised Work Plan is presented to describe activities Shell will undertake to achieve environmental closure for its facility at 2724 Castro Valley Boulevard, Castro Valley, California. This Revised Work Plan presumes that: (1) onsite soil contamination in the unsaturated zone has been essentially or completely remediated by excavation and offsite disposal, (2) minor offsite soil contamination may exist north of the facility, and (3) a groundwater investigation is appropriate because of soil conditions at the site. This Revised Work Plan describes tasks Shell will undertake to investigate and remediate soil and groundwater contamination at the subject facility, as required by regulation.

SITE BACKGROUND

This retail gasoline station is located on the northeast corner of Castro Valley Blvd and Lake Chabot Road in Castro Valley, California (Drawing 1). It was an active service station, but is now temporarily closed due to ongoing renovation work, tank replacement, major building construction and environmental remediation.

Commercial businesses exist on all corners of the intersection. Surrounding neighborhood development is commercial along both roads. Single family dwellings are located on side streets nearby.

Topographically, the site is located on the western edge of a gentle valley (Castro Valley) on recent alluvial fill. The terrain rises northward into the San Leandro Hills and the site is approximately 50 feet above the valley floor. An isolated hillside knob with 60 to 100 feet of relief exists 600 feet south of the site. An intermittent stream is shown 300 feet west on the Hayward, Calif USGS topographic map. This stream enters San Lorenzo Creek approximately one mile south of the site.

Surface water drainage has been altered by urbanization but is probably south to southwest. Groundwater flow is assumed to be south, as well.

TABLE 1

The following chronological summary is based on information available to CEW for preparation of this Work Plan. CEW was not provided with certain information related to the construction, operational, and environmental history of the site.

Date	Description of Activity
11/21/86	Blaine Tech Services removed one 550 gallon waste oil tank and conducted field sampling.
04/22/88	Woodward-Clyde drilled and sampled three soil borings around the existing underground storage tank (UST) complex. Attachment 2.
03/06/89	Crosby & Overton, Inc conducted field sampling during removal of 4 underground storage tanks. Contaminated soil was discovered and additional excavation and sampling was performed. Attachment 3.
03/31/89	Field sampling in the vicinity of the new tank hole was performed. Attachment 4.
05/05/89	Converse Environmental West (CEW) was retained by Shell Oil Co to supervise environmental activities at the site.
06/12/89	Samples SW-1 through SW-7 were collected.
07/05/89	Samples SW-8 through SW-11 were collected.
07/06/89	One water sample in the excavation pit was collected.
07/11/89	CEW sent an "Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
07/27/89	CEW sent an "Addendum to July 11, 1989 Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
08/30/89	Samples SS-1 through SS-7 were collected.
10/02/89 to 10/11/89	Soil samples 1 through 4 and S-1 through S-7 were collected.
10/26/89	Samples 20 through 23, and stockpile 10:26 were collected.
10/31/89	CEW sent a report titled "Soil Sampling Report" to the Alameda County Health Agency.
11/30/89	CEW sent a Draft Work Plan to the ACHCSA.
01/11/90	CEW sent a Progress Report for Q4/89 to the ACHCSA.

WORK COMPLETED by CEW (May, 1989 to January, 1990)

Underground Storage Tank Removal.

CEW did not perform the underground storage tank removal. Work performed by CEW at this site has consisted of post tank removal excavation and environmental soil sampling. Please refer to Attachment 3 for a report on the Crosby & Overton work.

Summary of Soil Borings.

No soil borings have been drilled by CEW. Please refer to Attachment 2 for a report on the Woodward-Clyde borings.

Summary of Groundwater Monitoring Well Installations.

No groundwater monitoring wells have been installed by CEW.

Summary of Excavation work and Soil Sampling.

The existing excavation was widened in 4 stages to reach soils where the residual contamination concentrations (if any) were acceptable to Alameda County (Drawing 3). After each excavation stage, soil samples were collected from the exposed fresh soils. The excavation had been deepened to ground water (approximately 12.5 feet bgs as measured at the southeast corner of the excavation) and this depth was considered as the limiting excavation depth (Drawing 3).

Stage 1 began on June 12, 1989, after the excavation had been open and exposed for over a month. The excavation faces were scraped away to reveal fresh soils and 8 samples were collected along the sidewalls. Widening was confined to the north by the station building and limited to the east by a shallow telephone trench. Sidewall samples were collected and analyzed for TPH-g and BTEX. The resulting sample analyses revealed higher than allowable concentrations in the northeast corner of the excavation and along the center of the south wall. However, further excavation north and east was essentially impossible because of the presence of the building and the offsite road.

Stage 2 continued the excavation in a southerly direction, towards Castro Valley Boulevard. Periodic field screening of soils using an OVM suggested that contamination was still present and excavation was continued south until limited by the sidewalk. The excavation was squared along the southern wall and samples were collected along the sidewalls of the newest portion. Sample analyses revealed that residual MVF contamination in the soils along the south wall were within commonly cited County allowable limits.

A report of the sample analyses to date titled "Interim Sampling Report and Recommendations" was sent to the Alameda County Health Agency along with a request allowing the excavation to be filled so that additional remedial excavation could be continued westward towards the center of the site.

Stage 3 consisted of excavating soil in the center of the site, around the former pump islands. Contamination in the gravelly sand (see Geology and Interpretation) was considered possible but remediation by excavation was not considered feasible. Therefore, CEW planned to limit the depth of excavation to the clay, but extend excavation onsite laterally as far as necessary. Remediation of the gravelly sand was planned to be accomplished by alternate methods.

Surface paving was broken up and buried piping was removed. Backhoe trenches were dug at the ends of and between the pump islands. Eight shallow samples (SS-1 through SS-7) were taken from the trenches to assess the lateral limits of near-surface contamination. The analytical results from these samples defined the probable lateral limits of near-surface contamination, and excavation commenced within a digging outline.

The canopy pillars were supported during excavation by pouring a slurry footing around one pillar and leaving enough soil around the other pillars to achieve structural stability. Excavation was performed laterally to the digging limits and downward into the clay. Samples S-1 through S-19 were taken as work progressed. As analytical results were received, it became clear that the clay was free of contamination and probably acted as an effective barrier to downward contaminant migration. All samples were within County residual contaminant concentration limits with the exception of S-16 and S-19.

Stage 4 consisted of two tasks. First, the excavation was laterally expanded until "clean" soil was exposed in the sidewall. Samples SW-20 and SW-21 were taken for confirmation. The high concentrations at sample S-16 were suspected to be a result of digging too deep and breaching into the underlying gravelly sand. Samples SW-22 and SW-23 were collected at the same location as S-16 but slightly deeper and examined. They were gravelly sand. The consequent analyses confirmed this suspicion.

All soil samples were collected and handled in the field according to standard sample handling protocols. They were transferred to a California State certified analytical laboratory under proper chain of custody and preservation. See Appendix F. In the tables and attachments, some sample numbers are identical, however they can be distinguished by date of collection. Those samples collected in the stockpiles to aid in disposal are noted with an asterisk.

Analytical results are summarized in Table 2. The first suite of samples taken, SW-1 through SW-7, also had analyses run for Oil and Grease, and Diesel Fuel, but the results were not significant and are not summarized here.

All certified laboratory reports are attached as Attachment 1.

TABLE 2. SOIL ANALYSES

NOTE:
All results in mg/Kg(ppm)
* - Indicates sample collected in surface stockpile for disposal analysis

Loc/depth	DATE COLLECTED	TPH-g	B	E	T	X
SW-1 @ 13'	6/12/89	810	2.700	5.000	15.00	31.00
SW-2 @ 13'		160	0.470	1.400	4.600	10.00
SW-3 @ 13'		400	1.300	2.600	6.800	17.00
SW-4 @ 15'		<10	<.025	<.075	<.025	<.075
SW-5 @ 13'		2300	29.00	32.00	160.0	200.0
SW-6 @ 11.5'		14	0.055	0.110	0.090	0.460
SW-6A @ 4'		<10	0.029	<.075	0.120	<.075
SW-7 @ 5.5'		<10	0.061	0.190	0.140	<.075
SW-8 @ 12'	7/5/89	<10	<.025	<.075	<.025	<.075
SW-9 @ 12'		11	<.025	0.060	0.660	1.400
SW-10 @ 12'		18	1.000	0.570	2.900	1.700
SW-11 @ 12'		71	2.600	2.500	7.000	5.400
EX PIT (H2O)	7/6/89	<0.05	<.0005	<.0015	<.0005	<.0015
SS-1 @ 4'	8/30/89	<10	<.025	<.075	<.025	<.075
SS-2 @ 4.5'		130	0.330	2.900	1.300	14.00
SS-3 @ 5'		<10	0.180	<.075	<.025	<.075
SS-3-2 @ 5'		<10	<.025	<.075	<.025	<.075
SS-4 @ 4'		17	0.100	0.240	<.025	1.100
SS-5 @ 5'		630	0.028	0.810	0.240	7.600
SS-6 @ 5'		1300	0.061	3.300	<.025	8.100
SS-7 @ 5.5'		3300	3.600	51.00	4.200	140.0
1 @ 7'	10/2/89	<10	<.025	<.075	<.025	<.075
2 @ 7'		13	<.025	<.075	<.025	<.075
3 @ 8'		12	0.096	0.098	0.180	0.560
4 @ 3'	10/3/89	<10	<.025	<.075	<.025	<.075
S-1 *		28	<.025	0.012	0.038	0.660
S-2 *		14	<.025	<.075	<.025	0.190
S-3 *		11	<.025	<.075	<.025	0.230
S-4 *		81	<.025	0.200	<.025	0.510
S-5 *		<10	<.025	<.075	<.025	<.075
S-6 *	10/4/89	<10	<.025	<.075	<.025	<.075
S-7 *		<10	<.025	<.075	<.025	<.075

TABLE 2 (cont'd). SOIL ANALYSES

NOTE:

All results in mg/Kg(ppm)
* - Indicates sample collected in surface stockpile for disposal analysis

Loc/depth	DATE COLLECTED	TPH-g	B	E	T	X
5 @ 10.5'	10/4/89	41	0.082	2.100	5.000	12.00
6 @ 7'		<10	0.029	<.075	0.071	0.170
7 @ 3'		<10	<.025	<.075	<.025	<.075
8 @ 3'		<10	<.025	<.075	<.025	<.075
9 @ 6'		<10	<.025	<.075	<.025	<.075
10 @ 3'		<10	<.025	<.075	<.025	<.075
11 @ 7.5'		<10	<.025	<.075	<.025	<.075
12 @ 4'		<10	<.025	<.075	<.025	<.075
13 @ 8'		<10	<.025	0.280	<.025	0.240
14 @ 3'		<10	<.025	<.075	<.025	<.075
15 @ 3'	10/11/89	<10	<.025	<.075	<.025	<.075
16 @ 9'		240	0.150	1.800	1.500	11.00
17 @ 4'		<10	<.025	<.075	<.025	<.075
18 @ 4'		<10	<.025	<.075	<.025	<.075
19 @ 3'		470	<.025	1.000	<.025	10.00
SW-20 @ 6'	10/26/89	1.9	<.0025	<.0025	0.0064	0.0078
SW-21 @ 7'		<1	<.0025	<.0025	<.0025	<.0025
SW-22 @ 12'		200	0.5200	1.5000	1.8000	5.3000
SW-23 @ 12'		350	0.9500	3.1000	4.7000	13.000
SP 10:26 *		1.8	4.500	20.00	40.00	120.00

Groundwater Analysis and Results

One groundwater sample was collected from presumed groundwater in the excavation pit (7/6/89). This sample was analyzed for TPH-g and BTEX, but no detectable concentration were present.

GEOLOGY AND INTERPRETATION

Soil contamination at the site is highest in the eastern portion where the underground storage tanks were previously located. Groundwater contamination has not been assessed. Three distinct soil layers affect the distribution of the motor vehicle fuel (MVF) contamination at the site. Motor vehicle fuel contamination (MVF) was discovered only in the soils above and below the dense clay layer.

Drawing 4 shows a geologic column of soils at the site with three horizons: shallow (0 to 5') topsoil, intermediate clay (5 to 11') and lower sands (7 to 11'). Contacts are not definite and the depths to contacts are only approximate.

Topsoil occurs from the surface to approximately 5 feet below ground surface (bgs). The upper 2 feet consists of asphalt and sand and brown loam fill. Soil below that is 3 foot thick, dark brown to black, organic, and crumbly. Odor from this zone was only observed during excavation and sampling around the former pump islands. This zone exhibited no odor during the excavation on the eastern side of the site and only one sample was collected in it.

A dense, light brown clay occurs from 5 to 11 feet bgs. The clay is stiff, plastic, cohesive, and appears to be very impermeable. None of the clay samples exhibited odor during field screening. No contamination has been observed in samples of pure clay.

A gravelly sand occurs from approximately 11 feet bgs to the watertable, which is <1 feet to 2 feet below the contact. The sand is grayish green in color, loosely consolidated, well graded (poorly sorted), with abundant rounded pebbles of 3/4 inch diameter. This sand appears very permeable. Strong odors were observed from this layer during many stages of the excavation. However, at some locations where the odor was the highest, the analytical results were low (< 18 ppm). This implies a mostly vaporized contaminant phase at those locations.

Drawing 5 shows TPH-g in the upper topsoil layer is localized into small areas of high concentration with limited lateral spreading. This pattern is typical of shallow contamination sourced from isolated or low volume leaks. Contamination in this topsoil layer above the clay was caused by surface spills or leaks from near surface sources such as dispensers or pipe connections.

Drawing 6 shows that only two samples in the intermediate clay layer have concentrations substantially above the detection limit. Both these samples were collected near the suspected base of the clay and both were considered likely to be contaminated either by in-situ proximity to, or partial mixture with the gravelly sand underlying clay.

Drawing 7 shows some TPH-g was observed in samples taken below the clay in the gravelly sand. The highest concentration is close to the location of the former underground tanks and gradually decreases laterally. Concentrations greater than County allowables may trend offsite to the northeast. No information is available regarding the construction of the former fuel tank excavation, but it is likely that the bottom of the excavation intersected the top of the gravelly sand. In time, leaking MVF could have migrated through the fill into the gravelly sand and undergone lateral migration.

One water level taken during sampling (July, 1989) measured static water at 12.5 feet bgs, or approximately 0.5 feet below the top of the gravelly sand. The measurement was obtained after water had seeped into the excavation after having been pumped almost dry the previous day. It was measured from ground surface at the southeast corner of the excavation.

The gravelly sand is an aquifer for the local water table and the water level is probably seasonally variable. The water sample taken exhibited no contamination.

INTRODUCTION

The purpose of this plan is to establish the tasks appropriate to investigation and remediation of minor residual soil and hypothetical groundwater contamination. This Revised Work Plan presents the procedures normally followed from site investigation through remediation or case closure. Some included tasks may not be performed, or the sequence of tasks may be altered during progress as site specific conditions warrant.

The Shell site investigations and remediation may comprise four programs:

- Program I - Verify Completion of Soil Remediation (Tasks 1-3)
- Program II - Site Restoration (Tasks 4 and 5)
- Program III - Groundwater Investigations (Tasks 6-13)
- Program IV - Groundwater Remediation (if needed) (Tasks 14-17)

Shell will initiate a field program that may consist of as many as 17 tasks. The program will initially verify completion of soil remediation onsite, restore the site to grade and initiate groundwater investigations onsite. As needed, additional work may be undertaken offsite, including (1) soil/groundwater investigations, (2) hydrologic studies, (3) soil/groundwater remediation planning, and (4) soil/groundwater cleanup.

SCOPE OF WORK

Program I: Verify Completion of Soil Remediation

Task 1 - Stage One Sidewall Sampling and Analysis

Soil samples will be taken in the existing excavation at locations shown on Drawings 5 and 6. Five samples will be taken at depths of 4 to 5 feet (Soil I Horizon) and 12 samples will be taken at depths of 8 to 9 feet (Soil II Horizon). Before sampling, the existing exposed excavation surface will be removed to a depth of approximately 6 inches, and a 2 inch diameter brass liner will be driven into the exposed fresh soil. For every 6 samples, one duplicate sample will be taken, for the purposes of laboratory QA/QC.

At the completion of the sampling program, each soil sample will be properly stored, transported to a state-certified analytical laboratory and analyzed for TPH (as gasoline), TPH (as diesel) and BTEX. A plan will be prepared showing the location and analysis of each sample.

Task 2 - Lateral Excavation - (if needed)

If any samples show concentrations of total TPH greater than 100 ppm, additional excavation of sidewall soil will be carried out in the vicinity of the sample. A backhoe will remove soil from the adjacent sidewall, until contamination above that limit appears to be removed. The backhoe will stockpile the spoils onsite and the pile will be covered. The spoils will be properly sampled and disposed offsite.

Task 3 - Stage Two Sidewall Sampling and Analysis

If Task 2 excavations are required, additional soil samples will be taken in the excavated areas to confirm that all contaminated soil has been removed. The sampling protocol will be as described in Task 1. If required, additional sidewall excavations will be made to remove residual contaminated soils.

The final goal will be to demonstrate that all significant contamination has been removed from the Soil I Horizon and Soil II Horizon.

Program II - Site Restoration

Task 4 - Backfilling and Recompaction

When the parties involved, including Shell Oil Company and the Alameda County Water District, have agreed that contaminated soil has been completely removed, the excavation will be backfilled with imported soil. The bottom 2 feet of the excavation will be backfilled with relatively impermeable, clay-rich soil, compacted to a minimum relative density of 90 percent (using ASTM D-1557-70) with at least 3 percent over optimum moisture content. This material will act to seal the excavation from the possibly contaminated groundwater in Soil III Horizon by laterally re-establishing the II Horizon clay zone.

The remainder of the excavation will be backfilled with non-expansive soil and compacted to a minimum relative density of 90 percent (using ASTM D-1557-70).

Task 5 - Site Reconstruction

After the excavation is backfilled, the site may be renovated and reconstructed as planned. Recommendations for foundation design, as well as compaction of subgrade, basement and trench backfill will be provided by a geotechnical consultant. The groundwater monitoring wells described in Program III may be installed either before or after the reconstruction is complete.

Program III: Groundwater Investigations

Investigation of groundwater conditions will be performed by the installation of at least four groundwater monitoring wells. Program III investigations will provide data that will assess the existence and lateral extent of dissolved product contamination in groundwater within the bounds of the property, if any, this work will also provide a basis for starting remediation, if needed.

Task 6 - Install and Develop Groundwater Monitoring Wells

Four groundwater monitoring wells will be installed at the property corners, as shown in Drawing 8. These wells will be installed according to CEW standard protocols (Appendices A through E) and will be developed and sampled according to those same protocols. The wells will be constructed with 4-inch diameter, PVC Schedule 40 casing. Screen size will be either .010 or .020 inch. Boring logs and well construction diagrams will be supplied in the appropriate quarterly report.

Task 7 - Collect And Analyze Groundwater Samples

The wells will be fully developed by surge-purge methods, following the protocols of Appendix D, with at least eight casing volumes of water removed and contained in tightly covered 55-gallon drums onsite. Following development, groundwater samples will be collected quarterly or as recharge permits for one year. Water from the well will be analyzed for TPH as gasoline, TPH as diesel, BTEX, and lead (Appendices E and F).

The field data, as-built well construction diagrams, boring logs, analytical results, and the results of initial sampling will be compiled and presented in an appropriate quarter report of activities for the site.

If groundwater sampling of the monitor wells indicates that the groundwater is contaminated and that a contaminant plume is incompletely assessed, additional groundwater monitoring wells will be installed onsite or offsite in an iterative manner until plume limits are defined.

Task 8 - Survey Wellhead Elevation

A general site plan will be prepared and each wellhead will be surveyed with an EDM to establish their elevations to mean sea level (MSL). This will allow precise measurements of the groundwater elevation and flow gradient across the site. Following groundwater well construction, wellheads will be surveyed and a detailed site plan showing wellhead elevations will be prepared. The depth to groundwater will be measured in each well to establish the onsite groundwater gradient.

Task 9 - Conduct Hydrology Tests and Research

Slug tests may be conducted on each well after development to establish point hydraulic conductivities. In addition, a pumping test may be conducted on wells nearly fully penetrating the upper saturated zone.

Local hydrologic conditions will be researched in public records, including libraries, water districts, and other well record depositories.

The results of this work and water quality data from Task 14 will be compiled onto maps and presented to regulators in the first quarterly report after completion of construction and samplings.

Task 10 - Prepare Offsite Groundwater Investigation Plan

If the groundwater contaminant plume extends offsite, investigations may continue upgradient and/or downgradient under Program IV. If site conditions indicate that both floating product contamination (if present) and dissolved product contamination is restricted to the site, Shell may proceed directly with groundwater remediation under Program IV.

The Revised Work Plan may be amended to address the investigation and possible remediation of offsite groundwater contamination. Step-out wells may be proposed for key projected offsite upgradient and downgradient extensions of groundwater contamination. Subsequent activities may include obtaining rights-of-entry, acquiring well installation permits, specifying well design criteria and well placement.

Task 11 - Install Offsite Groundwater Wells

Offsite groundwater monitoring wells will be installed and sampled in an iterative process until the extent of offsite contamination from Shell activities is defined.

Task 12 - Perform a Neighborhood Environmental Assessment

If groundwater contamination has been discovered, an environmental assessment of neighborhood businesses, ownerships, and prior operational practices will be conducted to assess discharge history and hydrology of nearby locations. Agency records will be reviewed to identify nearby owners of underground storage tanks and nearby handlers and generators of hazardous materials. In addition, regional hydrologic conditions, present and historical hydrologic gradients, groundwater withdrawal, and subsurface injection patterns will be researched.

Task 13 - Inform The Regional Water Quality Control Board

If other principal responsible parties (PRPs) are confirmed, Shell may inform the Regional Water Quality Control Board (RWQCB) of its findings so that environmental investigations and cleanup are conducted by other PRPs in proportion to their responsibilities.

Program IV: Groundwater Remediation (if needed)

If undertaken, Program IV will comprise the permitting, planning, design, installation, operation, and monitoring of a groundwater remediation system which will cost-effectively clean up contamination in groundwater at the site.

Task 14 - Groundwater Remedial Action Plan

Once groundwater conditions are characterized and offsite groundwater conditions are known, a Groundwater Remedial Action Plan will be prepared.

This plan will address the means, duration, and cost to remediate groundwater contamination at and around the Shell facility. The technical approach recommended will

also consider the distribution and composition of contaminants, the beneficial uses of the groundwater, the regulatory limits for extraction, the treatment method, the quality and quantity of effluent, the method of discharge, and the best available technologies. Based on the outcome of neighborhood and offsite investigations and negotiations, Shell may prepare this plan in conjunction with other PRPs.

The Plan will be presented to regulatory agencies of jurisdiction, and implemented upon agency approval to proceed.

If appropriate, NPDES or POTW permits will be prepared for treatment system discharge. Such permits will be submitted to appropriate jurisdictions for prompt review, so that groundwater remediation will not be delayed by the permitting process.

Task 15 - Implement Groundwater Remediation

Upon approval of final remedial system plans by regulatory agencies and acquisition of necessary permits, remediation will proceed in accordance with the parameters specified in the Groundwater Remedial Action Plan.

A formal report of start-up activities and progress reports of remediation (including monitoring data) will be prepared and submitted to regulatory agencies at proper intervals.

Task 16 - Establish Groundwater Cleanup Standards

Shell will work with the RWQCB to establish the parameters defining site-specific water quality objectives. The ultimate cleanup standards will consider the cost and practicability of meeting local and state water quality objectives.

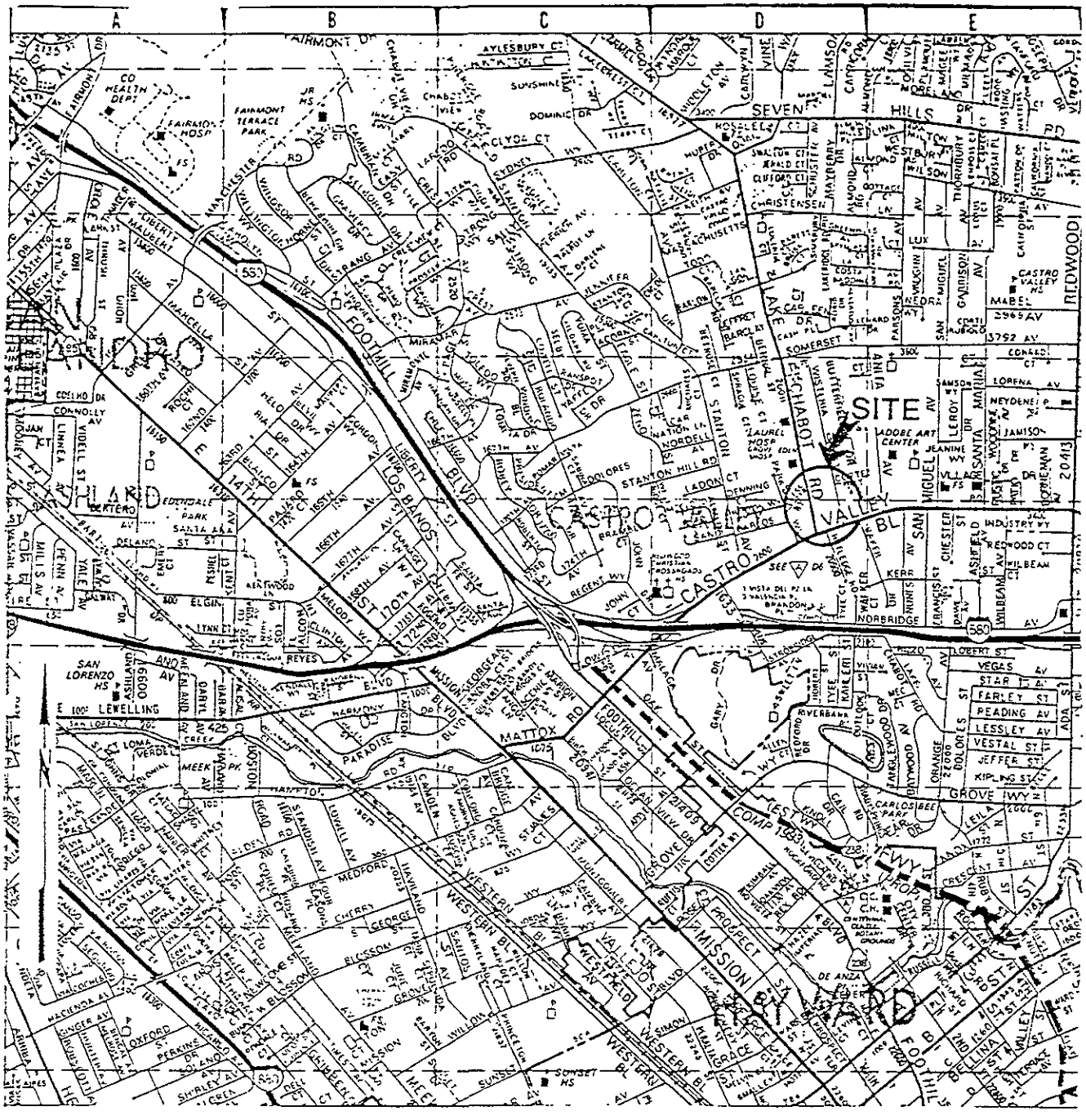
Task 17 - Confirm Remediated Groundwater

At the conclusion of groundwater mitigation, monitoring samples will be collected over a brief period of time to confirm completion of groundwater remediation. Reports will be supplied to regulatory agencies as required, with certifications by registered professionals.

LIST OF APPENDICES

APPENDIX A: Hollow-Stem Auger Drilling and Soil Sampling
APPENDIX B: Standards for Backfilling Borings and Sealing Wells
APPENDIX C: Groundwater Monitoring Well Construction
APPENDIX D: Well Development
APPENDIX E: Groundwater Sampling
APPENDIX F: Chain-of-Custody

ATTACHMENT 1: ANALYTICAL LABORATORY SHEETS
ATTACHMENT 2: APRIL 22, 1988, WOODWARD-CLYDE REPORT
ATTACHMENT 3: MARCH 6 & MARCH 15, 1989, CROSBY & OVERTON REPORTS
ATTACHMENT 4: MARCH 31, 1989, SHELL OIL REPORT
ATTACHMENT 5: JULY 11, 1989 INTERIM SOIL REPORT, WITH JULY 27, 1989 ADDENDUM
ATTACHMENT 6: OCTOBER 13, 1989 CEW ACTIVITY REPORT



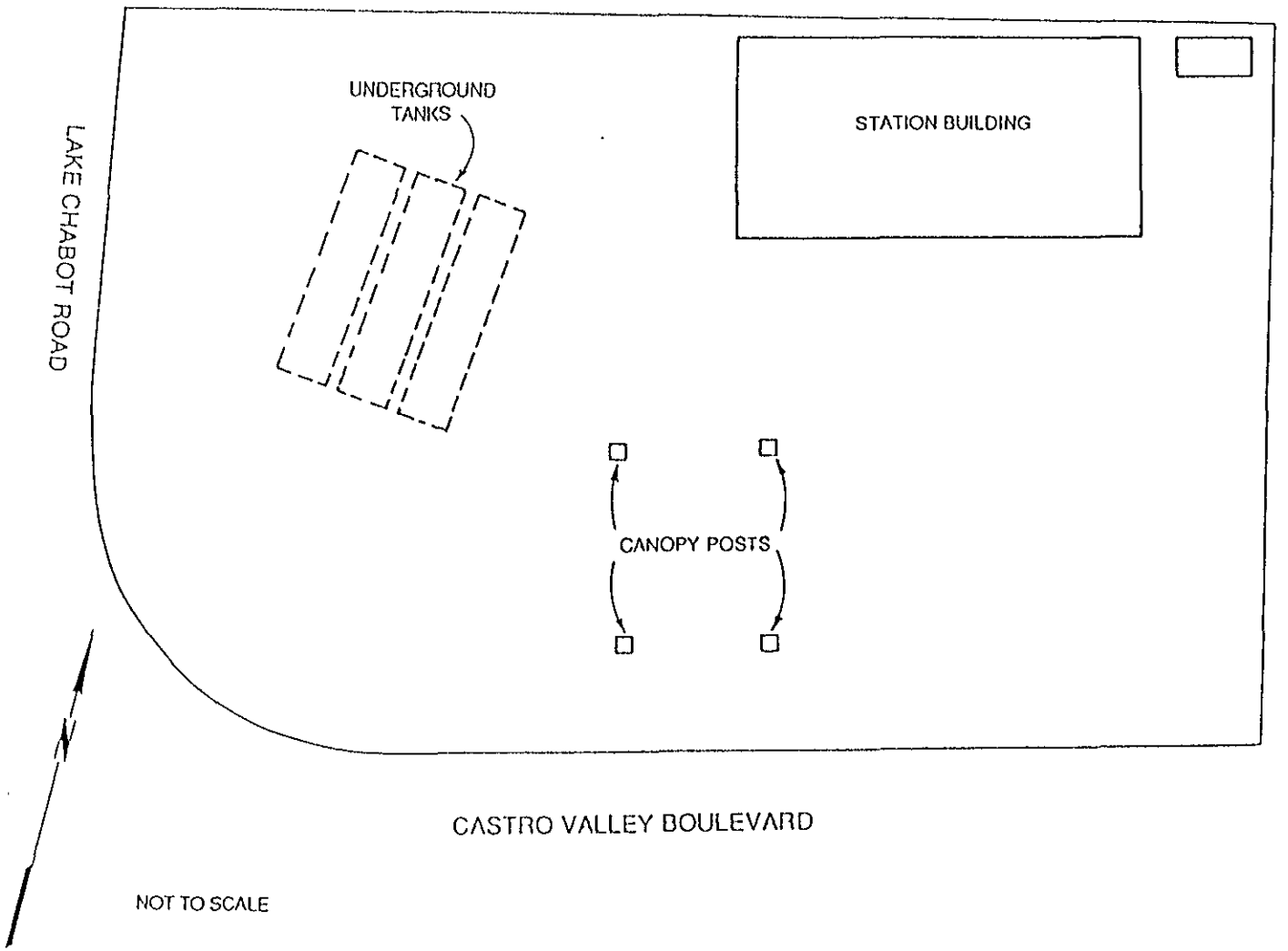
SOURCE: Thomas Brothers Maps, 1989.

SITE LOCATION MAP

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental
Consultants California

Scale: AS SHOWN	Project No: 88-44-360-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No: 1
Approved by: DWC	

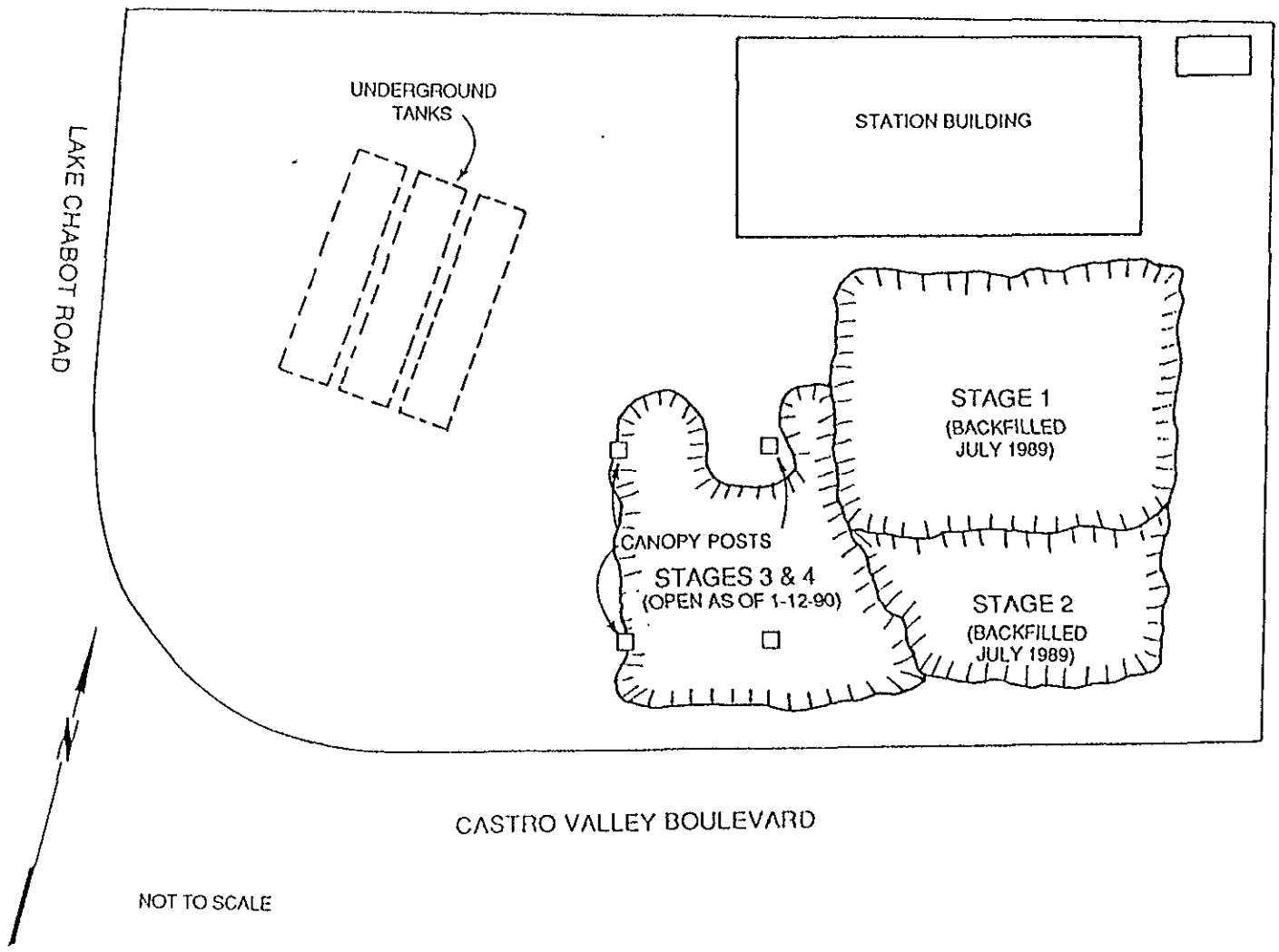


PLOT PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	7/20/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No.	88-44-380 01
Drawing No.	2

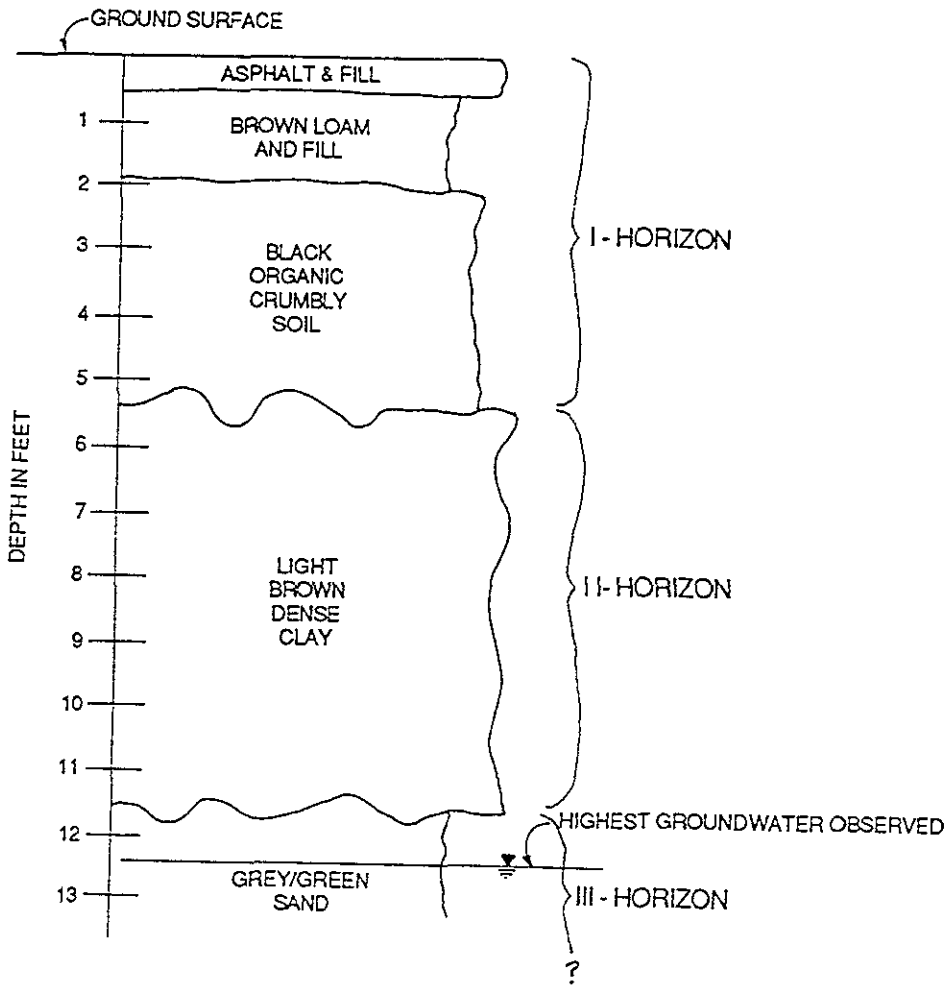


EXCAVATION PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale: NOT TO SCALE
Date: 11/29/89
Prepared By: CRB
Checked By: RKM
Approved By: DWC
Project No: 88-44-380-01
Drawing No: 3

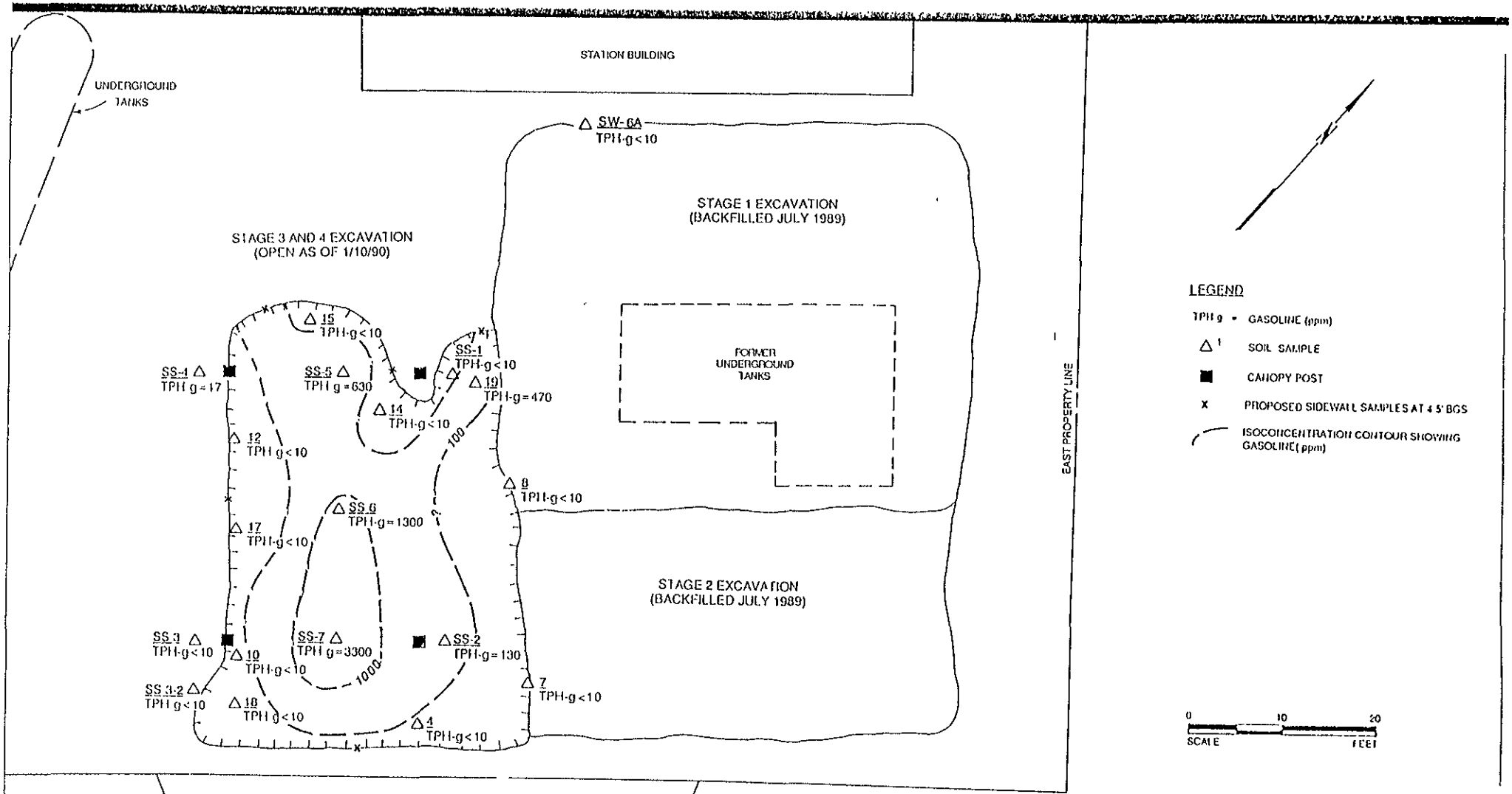


GEOLOGIC COLUMN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental West

Scale: NOT TO SCALE	Project No.: 88-44-360-01
Prepared by: CRB	Date: 11/29/89
Checked by: RKM	Drawing No.: 4
Approved by:	

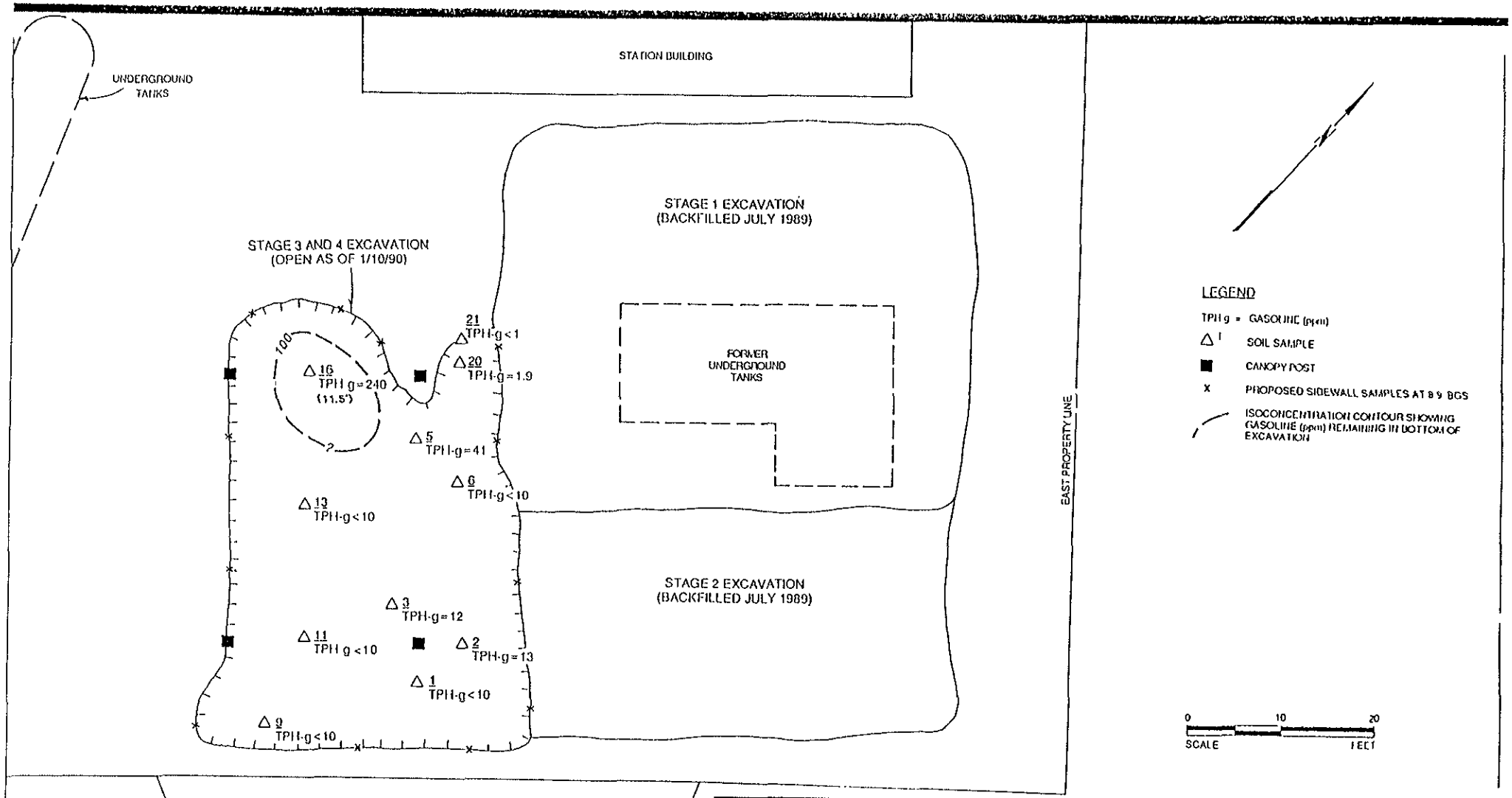


PLAN: SOIL TPH-g AT 0' to 6' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RNM
Approved By	
Project No	88 44 360 01
Drawing No	

Converse Environmental Consultants California

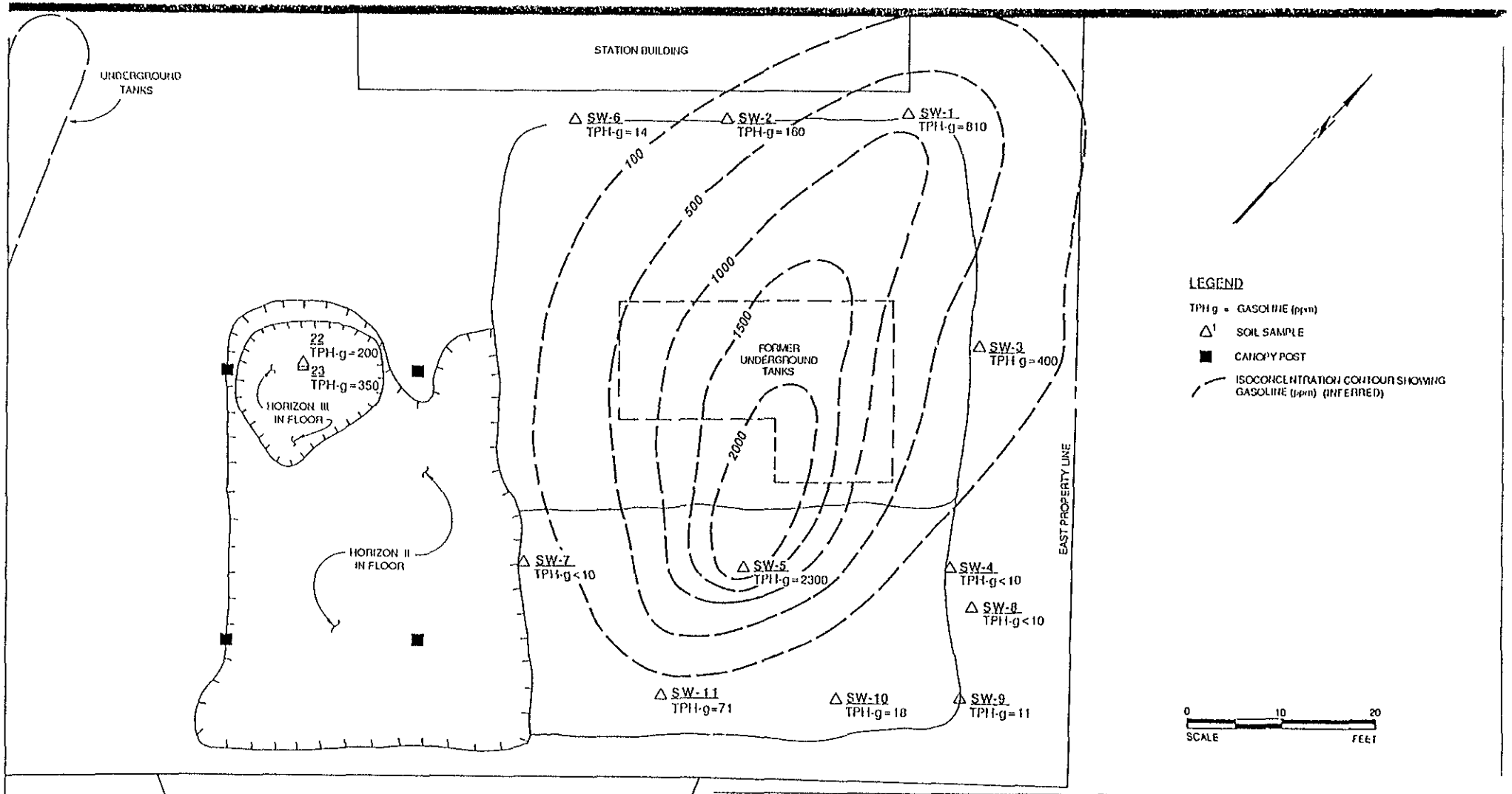


PLAN: SOIL TPH-g AT 6 to 11' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale	AS SHOWN
Date	11/20/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No	88 44 380 01
Drawing No	6

Converse Environmental Consultants California

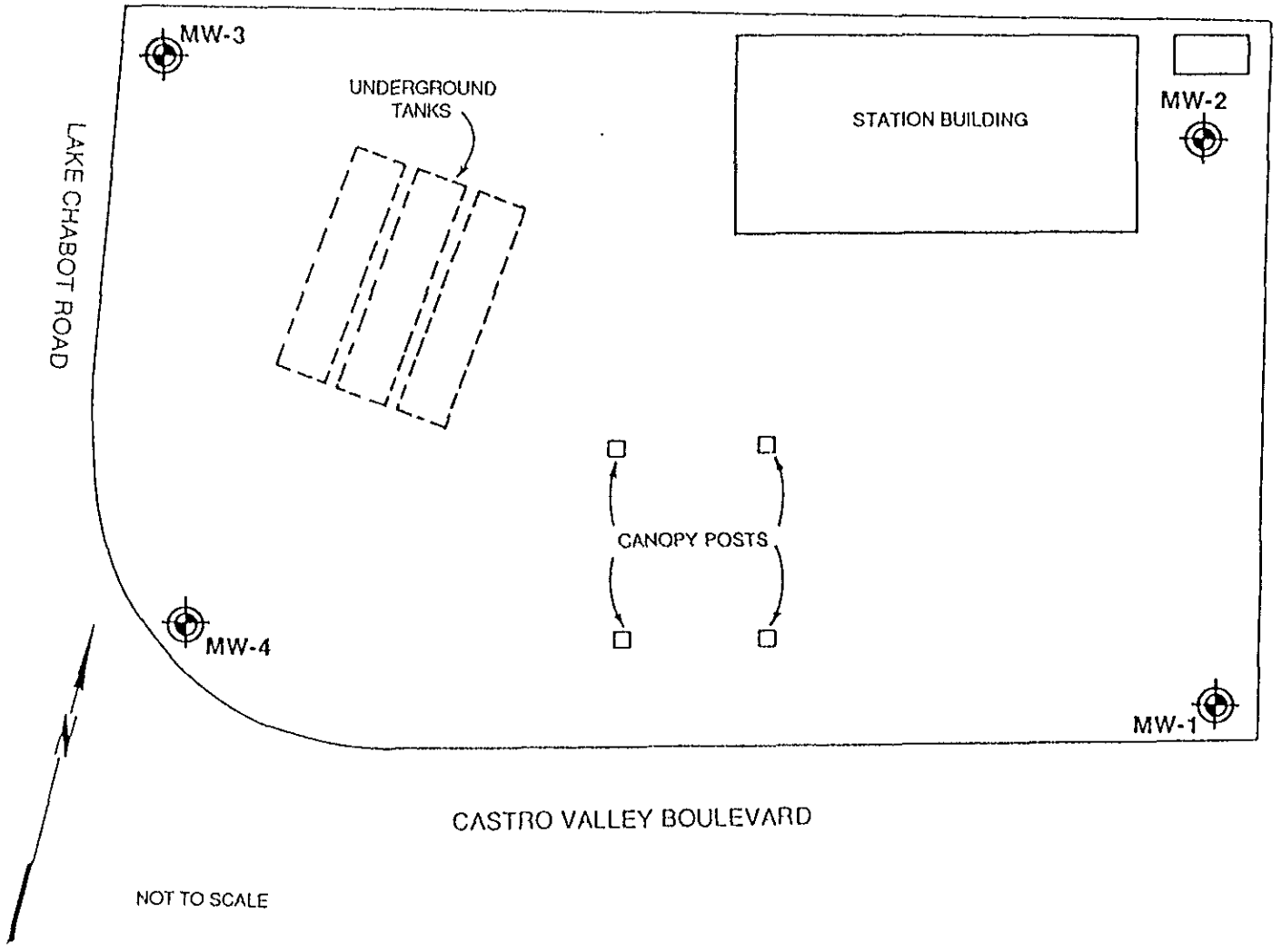


PLAN: SOIL TPH-g AT 11' BGS and below

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CAB
Checked By	RKM
Approved By	
Project No	88 11 380 01
Drawing No	7



LEGEND

MW-1 PROPOSED GROUNDWATER MONITORING WELL

PROPOSED WELLS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	11/29/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-380 01
Drawing No	8

CONVERSE ENVIRONMENTAL WEST

55 Hawthorne Street, Suite 500
San Francisco, California 94105-3906

Telephone **415 543-4200**
FAX 415 777-3157

November 30, 1989
88-44-380-01-282

Mr. Larry Seto
Alameda County Health Care Services Agency
Department of Environmental Hazardous Material
80 Swan Way, Room 200
Oakland, California 94621

Subject: WORK PLAN
2724 Castro Valley Blvd.
Castro Valley, California

Dear Mr. Seto:

Enclosed is a copy of the Work Plan that Shell Oil Company (Shell) and Converse Environmental West (CEW) will use as a guidance document for environmental investigation and remediation of the subject site. This Work Plan is submitted to your office in compliance with your request and will serve as the quarterly reporting requirement for this site (Quarter 4, 1989).

CEW and Shell intend to proceed directly upon your approval with implementation of this Work Plan, and drilling/borings will be scheduled in close cooperation with the site renovation.

2724 Castro Valley\workplan

Please call me at (415) 543-4200, if you have questions about the scope or schedule of proposed activities.

Yours very truly,

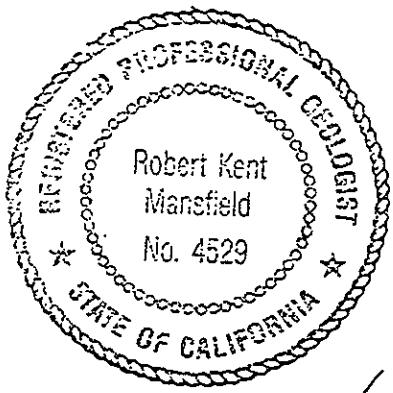
CONVERSE ENVIRONMENTAL WEST

R. K. Mansfield

Robert K. Mansfield
Project Manager, California Registered Geologist # 4529

Attachments

cc: Ms. Dianne Lundquist - Shell Oil Company - w/att
Ms. Dyan Whyte - Regional Water Quality Board - w/att
Mr. Ray Newsome - shell Oil Company - w/att (2)
Mr. George Nachtigall - Shell Oil Company - Houston - w/att



ROBERT K. MANSFIELD
California Registered Geologist #4529

WORK PLAN

2724 Castro Valley Blvd.
Castro Valley, California

November 30, 1989

CEW Project No. 88-44-380-01

This report has been prepared by the staff of **Converse Environmental West** under the professional supervision of the Geologist whose name appears on the signature page.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the Client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either express or implied.

WORK PLAN

November 30, 1989

SHELL OIL COMPANY FACILITY
2724 Castro VAlley Blvd.
Castro Valley, California

INTRODUCTION

Based on laboratory analyses, the Work Plan presumes that soil contamination exists at the Shell facility at 2724 Castro Valley Blvd, Castro Valley, California. This Work Plan describes tasks Shell will undertake to investigate and remediate soil and/or groundwater contamination at the subject facility.

SITE BACKGROUND

This retail gasoline station is located on the northeast corner of Castro Valley Blvd and Lake Chabot Road in Castro Valley, California. (Refer to Drawing 1). It was an active service station, but is now temporarily closed during the renovation work of tank replacement and major building construction. Commercial businesses exist on all corners of the intersection. Surrounding neighborhood development is commercial along both roads. Single family dwellings are located on side streets nearby.

Topographically, the site is located on the western edge of a gentle valley (Castro Valley) on recent alluvial fill. The terrain rises northward into the San Leandro Hills and the site is approximately 50 feet above the valley floor. An isolated hillside knob with 60 to 100 feet of relief occurs 600 feet south. An intermittent stream is shown 300 feet west on the Hayward, Calif USGS topographic map. This stream enters into the San Lorenzo Creek approximately one mile south. Surface water drainage has been altered by urbanization but is probably south to southwest. Groundwater flow is also assumed to be south.

TABLE 1 - Chronological Summary

The following chronological summary is based on information available to CEW for preparation of this Work Plan. CEW was not provided with certain information related to the construction, operational, and environmental history of the site.

Date	Description of Activity
Nov/21/86 -	Blaine Tech Services removed one 550 gallon waste oil tank and conducted field sampling.
Apr/22/88 -	Woodward-Clyde drilled and sampled three soil borings around the existing underground storage tank (UST) complex. Attachment 2.
Mar/6/89 -	Crosby & Overton, Inc conducted field sampling during removal of 4 underground storage tanks. Contaminated soil was discovered and additional excavation and sampling was performed. Attachment 3.
Mar/31/89 -	Field sampling in the vicinity of the new tank hole was performed. Attachment 4.
May/5/89 -	Converse Environmental West (CEW) was retained by Shell Oil Co to supervise environmental activities at the site.
Jun/12/89 -	Samples SW-1 through SW-7 were collected.
Jul/5/89 -	Samples SW-8 through SW-11 were collected.
Jul/6/89 -	One water sample in the excavation pit was collected.
Jul/11/89 -	CEW sent an "Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
Jul/27/89 -	CEW sent an "Addendum to July 11, 1989 Interim Sampling Report and Recommendations" to the Alameda County Health Agency.
Aug/30/89 -	Samples SS-1 through SS-7 were collected.
Oct/2/89 -	Samples 1 through 3 were collected.
Oct/3/89 -	Samples 4, S-1 through S-5 were collected.
Oct/4/89 -	Samples S-6 & S-7 were collected.
Oct/6/89 -	Samples 5 through 14 were collected.
Oct/11/89 -	Samples 15 through 19 were collected.

Oct/26/89 - Samples 20 through 23, and stockpile 10:26 were collected.

Oct/31/89 - CEW sent a report titled "Soil Sampling Report" to the Alameda County Health Agency.

WORK COMPLETED by CEW

Underground Storage Tank Removal.

CEW did not perform the underground storage tank removal. Work performed by CEW at this site has consisted of post tank removal excavation and environmental soil sampling. Please refer to Attachment 3 for a report on the Crosby & Overton work.

Summary of Soil Borings.

No soil borings have yet been installed by CEW. Please refer to Attachment 2 for a report on the Woodward-Clyde borings.

Summary of Groundwater Monitoring Well Installations.

No groundwater monitoring wells have yet been installed by CEW.

Summary of Excavation work and Soil Sampling.

The existing excavation was widened in 4 stages to reach soils where the residual contamination concentrations (if any) were acceptable to Alameda County (Drawing 3). After each excavation stage, soil samples were collected from the exposed fresh soils. The excavation had been deepened to ground water (approximately 12.5 feet bgl as measured at the southeast corner of the excavation) and this depth was considered as the limiting excavation depth. Please refer to Drawing 3.

Stage 1 was begun on June 12, 1989 after the excavation had been open and exposed for over a month. The excavation faces were scraped away to reveal fresh soils and 8 samples were collected along the sidewalls. Widening was confined to the north by the station building and limited to the east by a shallow telephone trench. The resulting sample analyses revealed higher than allowable concentrations in the northeast corner of the excavation and in the center of the south wall. However, further excavation north and east was essentially impossible.

Stage 2 continued the excavation in a southerly direction towards Castro Valley Blvd. Periodic field screening of soils suggested that contamination was still present and excavation was continued south until limited by the sidewalk. The excavation was squared along the southern wall and samples were collected along the sidewalls of the newest portion. Sample analyses revealed that residual MVF contamination in the soils along the south wall were within County allowable limits. A report of the sample analyses to date titled "Interim Sampling Report and Recommendations" was sent to the Alameda County Health Agency along with a request allowing the excavation to be filled so that additional remedial excavation could be continued westward towards the center of the site.

Stage 3 consisted of excavating soil in the central portion of the site around the former pump islands. Contamination in the gravelly sand (see Geology and Interpretation) was considered possible but remediation by excavation was not considered feasible. Therefore, CEW planned to limit the depth of excavation to into the clay but laterally as far as necessary. Remediation of the gravelly sand was planned to be accomplished by alternate methods.

Surface paving was broken up and buried piping removed. 8 shallow samples (SS-1 through SS-7) were taken from backhoe dug trenches to assess the lateral limits of near surface contamination. They were located at the ends of and between the pump islands. The results from these samples defined the probable lateral limits of near surface contamination and excavation commenced within a digging outline.

Support of the canopy pillars was effected by both pouring a slurry footing around one of the pillars and leaving enough soil around the other pillars to achieve structural stability. Excavation was performed laterally to the digging limits and downward into the clay. Samples S-1 through S-19 were taken as work progressed. As analytical results were received, it became clear that the clay was free of contamination and probably acted as an effective barrier to downward contaminant migration. All samples were within County residual contaminant concentration limits with the exception of S-16 and S-19.

Stage 4 consisted of two tasks. Further excavation laterally in the vicinity of S-19 until clean soil was reached was performed. Samples SW-20 and SW-21 were taken for confirmation. The high concentrations at sample S-16 were suspected to be a result of digging too deep and breaching into the underlying gravelly sand. Samples SW-22 and SW-23 were collected at the same location as S-16 but slightly deeper and examined. They were gravelly sand. The consequent analyses confirmed the suspected contamination.

All soil samples were collected and handled in the field according to standard sample handling protocols. They were transferred to a California State certified analytical laboratory under proper chain of custody and preservation. See Appendix F. In the tables and attachments, some sample numbers are identical, however they can be distinguished by date of collection. Those samples collected in the stockpiles to aid in disposal are noted with an asterisk.

Analytical results are summarized in Table 2. The first suite of samples taken, SW-1 through SW-7, also had analyses run for Oil and Grease, and Diesel Fuel, but the results were not significant and are not summarized here.

All certified laboratory reports are attached as Attachment 1.

TABLE 2. SOIL ANALYSES

NOTE:
All results in mg/Kg(ppm)
* - Indicates sample collected in surface stockpile for disposal analysis

Loc/depth	DATE COLLECTED	TPH-g	B	E	T	X
SW-1 @ 13'	6/12/89	810	2.700	5.000	15.00	31.00
SW-2 @ 13'		160	0.470	1.400	4.600	10.00
SW-3 @ 13'		400	1.300	2.600	6.800	17.00
SW-4 @ 15'		<10	<.025	<.075	<.025	<.075
SW-5 @ 13'		2300	29.00	32.00	160.0	200.0
SW-6 @ 11.5'		14	0.055	0.110	0.090	0.460
SW-6A @ 4'		<10	0.029	<.075	0.120	<.075
SW-7 @ 5.5'		<10	0.061	0.190	0.140	<.075
SW-8 @ 12'	7/5/89	<10	<.025	<.075	<.025	<.075
SW-9 @ 12'		11	<.025	0.060	0.660	1.400
SW-10 @ 12'		18	1.000	0.570	2.900	1.700
SW-11 @ 12'		71	2.600	2.500	7.000	5.400
EX PIT (H2O)	7/6/89	<0.05	<.0005	<.0015	<.0005	<.0015
SS-1 @ 4'	8/30/89	<10	<.025	<.075	<.025	<.075
SS-2 @ 4.5'		130	0.330	2.900	1.300	14.00
SS-3 @ 5'		<10	0.180	<.075	<.025	<.075
SS-3-2 @ 5'		<10	<.025	<.075	<.025	<.075
SS-4 @ 4'		17	0.100	0.240	<.025	1.100
SS-5 @ 5'		630	0.028	0.810	0.240	7.600
SS-6 @ 5'		1300	0.061	3.300	<.025	8.100
SS-7 @ 5.5'		3300	3.600	51.00	4.200	140.0
1 @ 7'	10/2/89	<10	<.025	<.075	<.025	<.075
2 @ 7'		13	<.025	<.075	<.025	<.075
3 @ 8'		12	0.096	0.098	0.180	0.560
4 @ 3'	10/3/89	<10	<.025	<.075	<.025	<.075
S-1 *		28	<.025	0.012	0.038	0.660
S-2 *		14	<.025	<.075	<.025	0.190
S-3 *		11	<.025	<.075	<.025	0.230
S-4 *		81	<.025	0.200	<.025	0.510
S-5 *		<10	<.025	<.075	<.025	<.075
S-6 *	10/4/89	<10	<.025	<.075	<.025	<.075
S-7 *		<10	<.025	<.075	<.025	<.075

5 @ 10.5'	10/4/89	41	0.082	2.100	5.000	12.00
6 @ 7'		<10	0.029	<.075	0.071	0.170
7 @ 3'		<10	<.025	<.075	<.025	<.075
8 @ 3'		<10	<.025	<.075	<.025	<.075
9 @ 6'		<10	<.025	<.075	<.025	<.075
10 @ 3'		<10	<.025	<.075	<.025	<.075
11 @ 7.5'		<10	<.025	<.075	<.025	<.075
12 @ 4'		<10	<.025	<.075	<.025	<.075
13 @ 8'		<10	<.025	0.280	<.025	0.240
14 @ 3'		<10	<.025	<.075	<.025	<.075
15 @ 3'	10/11/89	<10	<.025	<.075	<.025	<.075
16 @ 9'		240	0.150	1.800	1.500	11.00
17 @ 4'		<10	<.025	<.075	<.025	<.075
18 @ 4'		<10	<.025	<.075	<.025	<.075
19 @ 3'		470	<.025	1.000	<.025	10.00
SW-20 @ 6'	10/26/89	1.9	<.0025	<.0025	0.0064	0.0078
SW-21 @ 7'		<1	<.0025	<.0025	<.0025	<.0025
SW-22 @ 12'		200	0.5200	1.5000	1.8000	5.3000
SW-23 @ 12'		350	0.9500	3.1000	4.7000	13.000
SP 10:26 *		1.8	4.500	20.00	40.00	120.00

Well Installations

No groundwater monitoring wells have been installed on the site.

Groundwater Analysis and Results

One groundwater sample was collected (Excavation Pit 7/6/89, all constituents were below detection limits.

GEOLOGY AND INTERPRETATION

SUMMARY - Soil contamination at the site is highest in the eastern portion where the underground storage tanks were previously located. Groundwater contamination has not been determined. Three distinct soil layers affect the distribution of the motor vehicle fuel (MVF) contamination at the site. Motor vehicle fuel contamination (MVF) was discovered only in the soils above and below the dense clay layer.

Drawing 4 shows a geologic column of soils at the site. Contacts are not definite and the depths are only approximate. Topsoil occurs from the surface to approximately 5 feet below ground level (bgl). The upper 2 feet consists of asphalt and sand and brown loam fill. Soil below that is 3 foot thick, dark brown to black, organic, and crumbly. Odor from this zone was only observed during excavation and sampling around the former pump islands. This zone exhibited no odor during the excavation on the eastern side of the site and only one sample (6a) was collected in it.

A dense, light brown clay occurs from 5 to 11 feet bgl. The clay is stiff, plastic, cohesive, and appears to be very impermeable. None of the clay samples exhibited odor during field screening. No contamination has been observed in samples of pure clay.

A gravelly sand occurs from approximately 11 feet to at least the water table. The sand is grayish green in color, loosely consolidated, well graded (poorly sorted), with abundant rounded pebbles of 3/4 inch diameter. This sand appears very porous. Strong odors were observed from this layer during many stages of the excavation. However, at some locations where the odor was the highest, the analytical results were low (eg SW-9 @ 11 ppm and SW-10 @ 18 ppm). This implies a mostly vaporized contaminant phase at those locations.

Drawing 5 shows TPH-g contours in the upper topsoil layer. Localized areas of high concentration with limited lateral spreading are displayed. This contour pattern is typical of shallow contamination sourced from isolated or low volume leaks. Contamination in this topsoil layer above the clay was caused by surface spills or leaks from near surface sources such as dispensers or pipe connections.

Drawing 6 shows TPH-g contours for samples taken in the clay. Only sample 5 and 16 have concentrations substantially above the detection limit. Both these samples were collected near the suspected base of the clay and both were considered likely to be contaminated either by in situ proximity to the gravelly sand or by contact with it during the collection by backhoe bucket.

Drawing 7 shows TPH-g contours for samples taken below the clay in the gravelly sand. The highest concentration is close to the location of the former underground tanks and gradually decreases laterally. Concentrations greater than County allowables may trend offsite to the northeast. No information is available regarding the construction of the former fuel tank excavation, but it is likely that the bottom of the excavation intersected the top of the gravelly sand. In time, leaking MVF could have migrated through the fill into the gravelly sand and undergone lateral migration.

A water level taken during sampling measured static water at 12.5 feet bgl, or approx .5 ft below the top of the gravelly sand. The measurement was obtained after water had seeped into the excavation after having been pumped almost dry the previous day. It was measured from ground surface at the southeast corner of the excavation. The gravelly sand formation is an aquifer for the local water table and the water level is probably seasonally variable. The water sample taken exhibited no contamination.

INTRODUCTION

The purpose of this plan is to establish all the tasks appropriate to the investigation and remediation of soil and groundwater contamination. This Work Plan will present the procedures normally followed from site investigation through remediation or case closure. Some included tasks may not be performed or the sequence of tasks may be altered depending on the site specific situation and previous work history.

The Shell site investigations and remediation could comprise as many as five programs:

- Program I - Soil Investigations (and Remediation if needed) (Tasks 1-6)
- Program II - Tank Replacement and Related Activities (Tasks 7-12)
- Program III - Onsite Groundwater Investigations (Tasks 13-15)
- Program IV - Offsite Groundwater Investigations (if needed) (Tasks 16-20)
- Program V - Groundwater Remediation (if needed) (Tasks 21-24)

Shell will initiate a field program that may consist of as many as 24 tasks. The program will initially assess the quality of soil and groundwater onsite. If needed, additional work may be undertaken later, including (1) offsite investigations, (2) hydrologic studies, (3) remediation planning, and (4) cleanup.

SUMMARY OF PROPOSED SCOPE OF WORK

Work on the following Tasks has already been performed under prior contractors or Work Plans: Tasks 8, 9, 10 and 11.

Six on-site soil borings should be drilled at the locations shown on Drawing 8. These boring will assess the limits of the contamination encountered during previous investigations and help determine if off site borings need to be considered.

Four of these boring will be converted to ground water monitoring wells to assess ground water quality entering and leaving the site.

These borings and wells will be installed during the first quarter of 1990. Additional tasks and their estimated dates of completion will be assigned depending on the results of these borings/wells and will be accomplished according to the procedures in this work plan.

Program I: Soil Investigations and Remediation, (if needed)

Soil investigations will be conducted to assess lateral and vertical extent of soil contamination. Investigations will continue until the lateral extent of petroleum constituents are defined.

Prefield Activities

Prefield activities will include preparation of: (1) site-specific/task-specific Health and Safety Plan(s), (2) this Work Plan, (3) task-specific plans, and (4) budgets. In addition, necessary installation and construction permits will be obtained.

Task 1 - Drill and Sample Soil Borings

Six soil borings will be drilled and sampled at the locations shown on Drawing 8 to further define extent of hydrocarbons in soil at the site. Four soil boring will be completed as monitoring wells. Soil samples from the unsaturated zone will be collected on 5-foot centers downhole following the protocols in Appendix A. Soil samples from the unsaturated zone will be screened for volatile vapors using an organic vapor meter (OVM) or equivalent instrumentation. The results will be noted in the driller's logs. Soil samples and cuttings will be thoroughly described by a qualified geologist using the Unified Soil Classification System (USCS). Unsaturated zone soil samples from all soil borings and well will be properly stored, transported to a State-certified analytical laboratory and analyzed for TPH as gasoline, TPH as diesel, BTEX, and lead.

At the conclusion of sampling, soil borings not converted to monitoring wells will be abandoned using the protocols described in Appendix B. Selected borings will be converted to groundwater monitoring wells by over-drilling and constructed according to the practices described in Appendices A and C.

Task 2 - Drill and Sample Step-Out Borings

Additional soil borings will be drilled and sampled in the event the proposed borings do not quantify the extent of soil contamination. These additional borings will be installed in an iterative, step-out pattern until such contamination is defined. Such additional onsite borings will be drilled, sampled, and abandoned according to the protocols specified in Task 1.

Task 3 - Prepare Soil Remedial Action Plan

The options for cost-effective soil remediation will be identified and relatively evaluated based on the volume of contaminated soil, the hydrologic conditions of contamination, and the concentrations of contaminants involved. Using this information, a Soil Remedial Action Plan will be prepared identifying the options and preferred alternative for soil cleanup at the Shell property.

Task 4 - Remediate Soil

Soil will be remediated according to the protocols, schedule, and cleanup objectives specified in the Soil Remedial Action Plan, as approved by regulatory agencies of the jurisdiction.

Task 5 - Establish Cleanup Levels - Soil

Information supplied in Program I and II will be used to establish the cleanup levels for soil at this site. This information may include: (a) the depth to first groundwater, (b) the depth to highest high water as indicated by chemical reduction of soil, (c) the stratigraphy of soil types, with special emphasis on potential permeability, porosity, and secondary natural and manmade permeability, and (d) the vertical distribution of contaminants in soil, (e) local topography, (f) local and regional groundwater gradient, (g) runoff patterns, (h) identified areas of potential surface water infiltration, (i) potential beneficial uses of groundwater and waters of its discharge, and (j) the results of field testing for hydraulic parameters.

Shell will work with the RWQCB to establish cleanup standards which consider the cost and practicability of meeting cleanup objectives as well as elements of natural and manmade site conditions listed above.

Task 6 - Confirm Remediated Soil

At the completion of Tasks 4 and 5, soil will be established as clean to levels acceptable to regulatory agencies. When combined with clean groundwater from Program V, (if needed) environmental closure of the property will be complete.

Verification soil samples will be collected and analyzed according to procedures described in the Soil Remediation Plan to confirm the effectiveness of soil remediation measures. If verification studies indicate that contamination remains, further remediation and renewed verification will be conducted until soil quality objectives are obtained. Confirmation sample results will be presented in one or more Quarterly Reports submitted to the agencies.

Program II - Tank Replacement and Related Activities

Task 7 - Dewater Planning

This Task was not required.

Task 8 - Drill and sample exploratory soil borings

This Task was performed by another contractor prior to the tank removal. Refer to Attachment 2.

Task 9 - Plan for onsite soil treatment

This Task was completed by using on-site aeration. Stockpiles of soil created from the excavations were analytically profiled for Tph-g and BTEX using one sample for every 50 cubic yards. The data were averaged and the maximum cubic yards of soil calculated that could be aerated at one time. Plastic sheeting was placed over non-aerating portions of the stockpiles. Soil stockpiles were periodically analytically profiled on the same basis as above and disposed of accordingly.

Task 10 - Remove tanks and sample excavation

This Task was performed. Please refer to Attachment 3 for a copy of the report.

Task 11 - Remove product piping lines and sample along runs

This Task was performed in conjunction with task 10.

Task 12 - Sample area of new tank installation

This task was not performed by CEW. Please refer to Attachment 4 for a copy of the report.

Program III: Onsite Groundwater Investigations

Investigation of groundwater conditions onsite (Tasks 13-15) will be performed by the installation of at least four groundwater monitoring wells. Program III investigations will provide data that will define the existence and lateral extent of dissolved product contamination in groundwater within the bounds of the property, and will provide a basis for starting remediation.

Task 13 - Install and Develop Groundwater Monitoring Wells

Four, groundwater monitoring wells will be installed at the locations shown in Drawing 8. These wells will be installed according to descriptions in Task 1 and CEW standard protocols (Appendices A through E) and will be developed, and sampled according to those same protocols. The wells will be constructed with 4-inch diameter, PVC Schedule 40 casing. Screen size will be either .010 or .020 inch.. Boring logs and well construction diagrams will be supplied in the appropriate Quarterly report.

Task 14 - Collect And Analyze Groundwater Samples

The wells will be fully developed by surge-purge methods, following the protocols of Appendix D, with at least eight casing volumes of water removed and contained in tightly covered 55-gallon drums onsite. Following development, groundwater samples will be collected quarterly or as recharge permits for one year. Water from the well will be analyzed for TPH as gasoline, TPH as diesel, BTEX, and lead (Appendices E and F).

The field data, as-built well construction diagrams, boring logs, analytical results, and the results of initial sampling will be compiled and presented in the appropriate Quarter Report of Activities for the site.

If groundwater sampling of the monitor wells indicates that the groundwater is contaminated and that a contaminant plume is incompletely defined, additional groundwater monitoring wells will be installed onsite or offsite in an iterative manner until plume limits are defined.

Task 15 - Conduct Hydrology Tests and Research

Following groundwater well construction, wellheads will be surveyed and a detailed site plan showing wellhead elevations will be prepared. The depth to groundwater will be measured in each well to establish the onsite groundwater gradient. Slug tests may be conducted on each well after development to establish point hydraulic conductivities. In addition, a pumping test may be conducted on wells nearly fully penetrating the upper saturated zone.

Local hydrologic conditions will be researched in public records, including libraries, water districts, and other well record depositories.

The results of this work and water quality data from Task 14 will be compiled onto maps and presented the first quarterly report to regulators after completion of construction and samplings.

Program IV: Offsite Groundwater Investigation (if needed)

If the groundwater contaminant plume extends offsite, investigations may continue upgradient and/or downgradient under Program IV. If site conditions indicate that both floating product contamination (if present) and dissolved product contamination is restricted to the site, Shell may proceed directly with groundwater remediation under Program V.

Task 16 - Perform a Neighborhood Environmental Assessment

If groundwater contamination has been discovered, an environmental assessment of neighborhood businesses, ownerships, and prior operational practices will be conducted to assess discharge history and hydrology of nearby locations. Agency records will be reviewed to identify nearby owners of underground storage tanks and nearby handlers and generators of hazardous materials. In addition, regional hydrologic conditions, present and historical hydrologic gradients, groundwater withdrawal, and subsurface injection patterns will be researched.

Task 17 - Refer to Legal Counsel

If other Principal Responsible Parties (PRPs) are possible or confirmed, Shell may elect to work through its legal counsel to establish fiscal and legal responsibility for environmental cleanup by negotiation with other PRPs involved.

Task 18 - Inform The Regional Water Quality Control Board

If other PRPs are confirmed, Shell may inform the Regional Water Quality Control Board (RWQCB) of its findings so that environmental investigations and cleanup are conducted by other PRPs in proportion to their responsibility.

Task 19 - Prepare Offsite Groundwater Investigation Plan

The Work Plan may be amended to address the investigation and possible remediation of offsite groundwater contamination. Step-out wells may be proposed for key projected offsite upgradient and downgradient extensions of groundwater contamination. Subsequent activities may include obtaining rights-of-entry, acquiring well installation permits, specifying well design criteria and well placement.

Task 20 - Install Offsite Groundwater Wells

Offsite groundwater monitoring wells will be installed and sampled in an iterative process until the extent of offsite contamination from Shell activities is defined.

Program V: Groundwater Remediation (if needed)

If undertaken, Program V will comprise the permitting, planning, design, installation, operation, and monitoring of a groundwater remediation system which will cost-effectively clean up contamination in groundwater at the site.

Task 21 - Groundwater Remedial Action Plan

Once groundwater conditions are characterized and offsite groundwater conditions are known, a Groundwater Remedial Action Plan will be prepared.

This plan will address the means, duration, and cost to remediate contamination at and around the Shell facility. The technical approach recommended will also consider the distribution and composition of contaminants, the beneficial uses of the groundwater, the regulatory limits for extraction, the treatment method, the quality and quantity of effluent, the method of discharge, and the best available technologies. Based on the outcome of neighborhood and offsite investigations and negotiations, Shell may prepare this plan in conjunction with other PRPs.

The Plan will be presented to regulatory agencies of jurisdiction, and implemented upon agency approval to proceed.

If appropriate, NPDES or POTW permits will be prepared for treatment system discharge. Such permits will be submitted to appropriate jurisdictions for prompt review, so that groundwater remediation will not be delayed by the permitting process.

Task 22 - Implement Groundwater Remediation

Upon approval of final remedial system plans by regulatory agencies and acquisition of necessary permits, remediation will proceed in accordance with the parameters specified in the Groundwater Remedial Action Plan.

A formal report of start-up activities and progress reports of remediation (including monitoring data) will be prepared and submitted to regulatory agencies at proper intervals.

Task 23 - Establish Groundwater Cleanup Standards

Shell will work with the RWQCB to establish the parameters defining site-specific water quality objectives. The ultimate cleanup standards will consider the cost and practicability of meeting local and state water quality objectives.

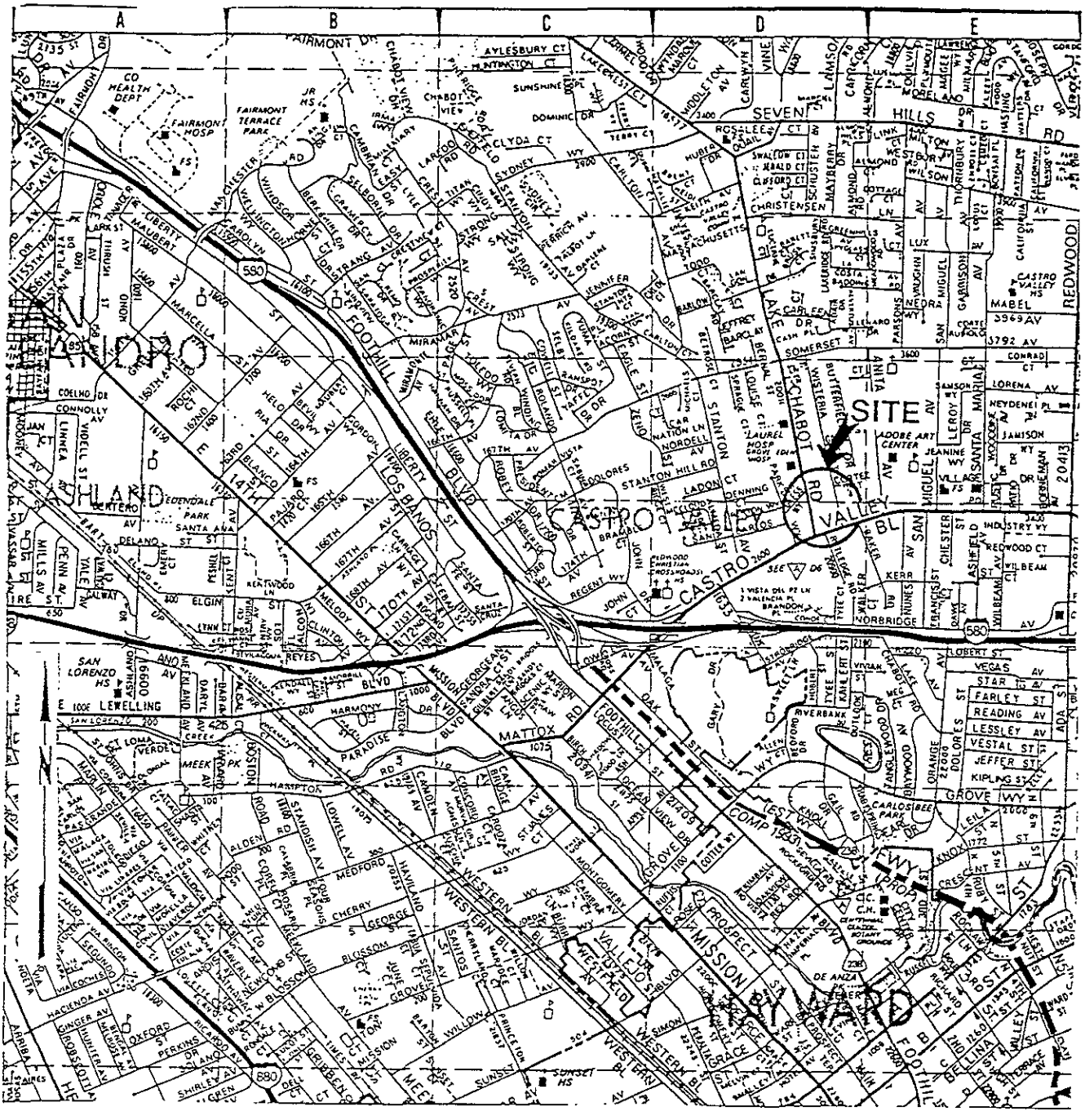
Task 24 - Confirm Remediated Groundwater

At the conclusion of groundwater mitigation, monitoring samples will be collected over a brief period of time to confirm completion of groundwater remediation. Reports will be supplied to regulatory agencies as required, with certifications by registered professionals.

LIST OF APPENDICES

APPENDIX A: Hollow-Stem Auger Drilling and Soil Sampling
APPENDIX B: Standards for Backfilling Borings and Sealing Wells
APPENDIX C: Groundwater Monitoring Well Construction
APPENDIX D: Well Development
APPENDIX E: Groundwater Sampling
APPENDIX F: Chain-of-Custody
APPENDIX G: Drum Handling Procedure

ATTACHMENT 1: ANALYTICAL LABORATORY SHEETS
ATTACHMENT 2: APRIL 22, 1989, WOODWARD-CLYDE REPORT
ATTACHMENT 3: MARCH 6 & MARCH 15, 1989, CROSBY & OVERTON REPORTS
ATTACHMENT 4: MARCH 31, 1989, SHELL OIL REPORT



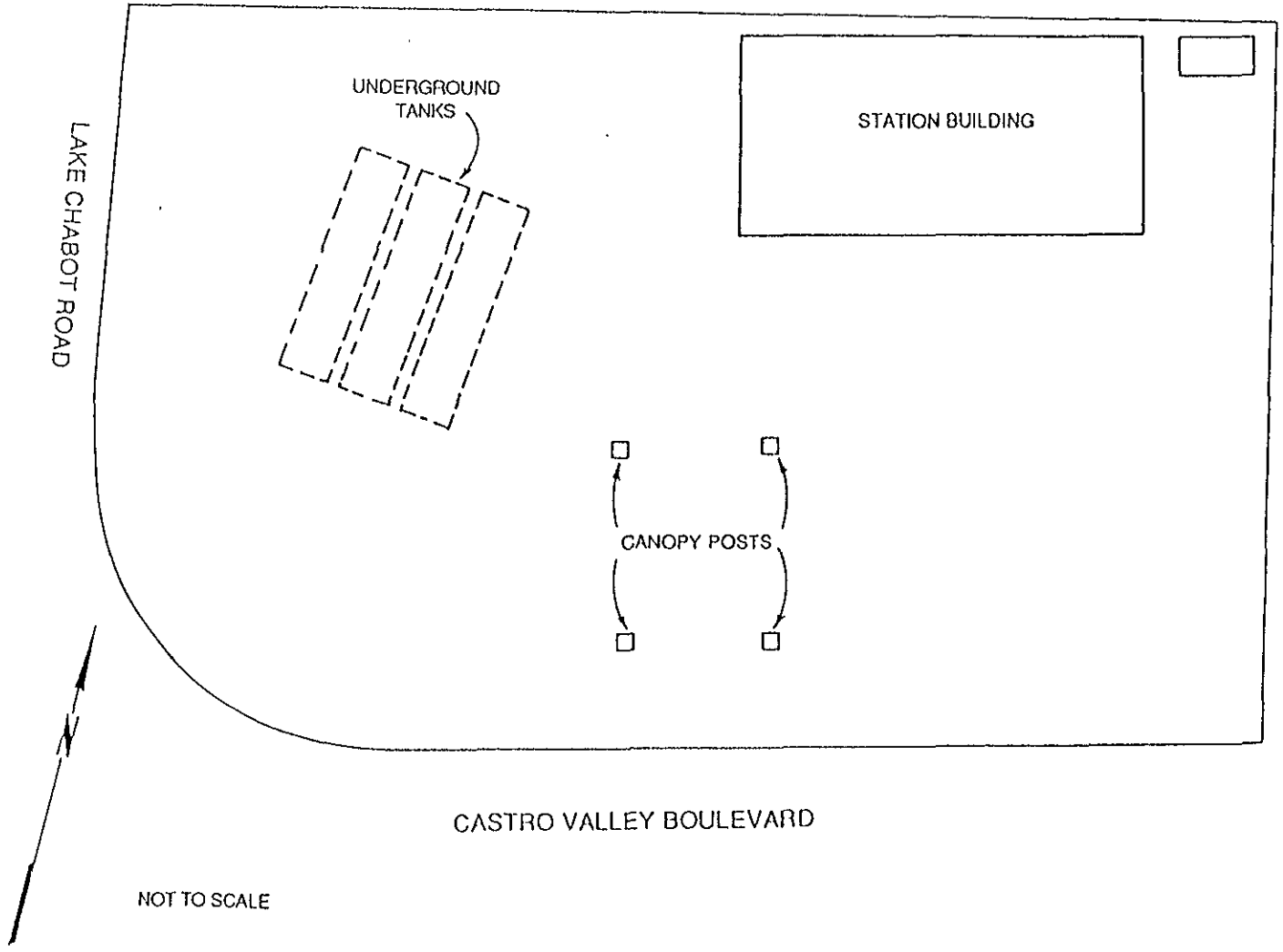
SOURCE: Thomas Brothers Maps, 1989.

SITE LOCATION MAP

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental
Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No.: 1
Approved by: DWC	

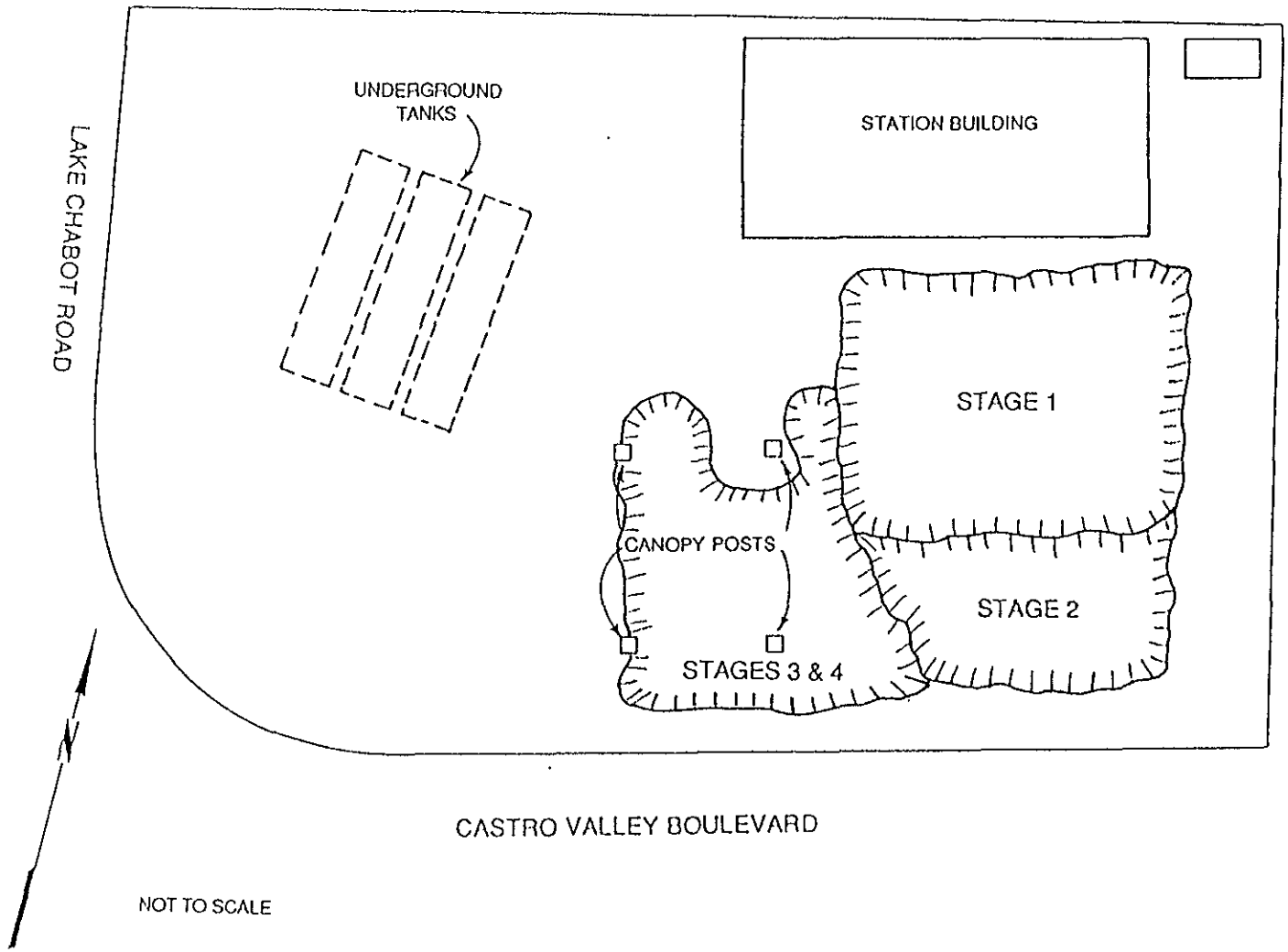


PLOT PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	7/20/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-380-01
Drawing No	2

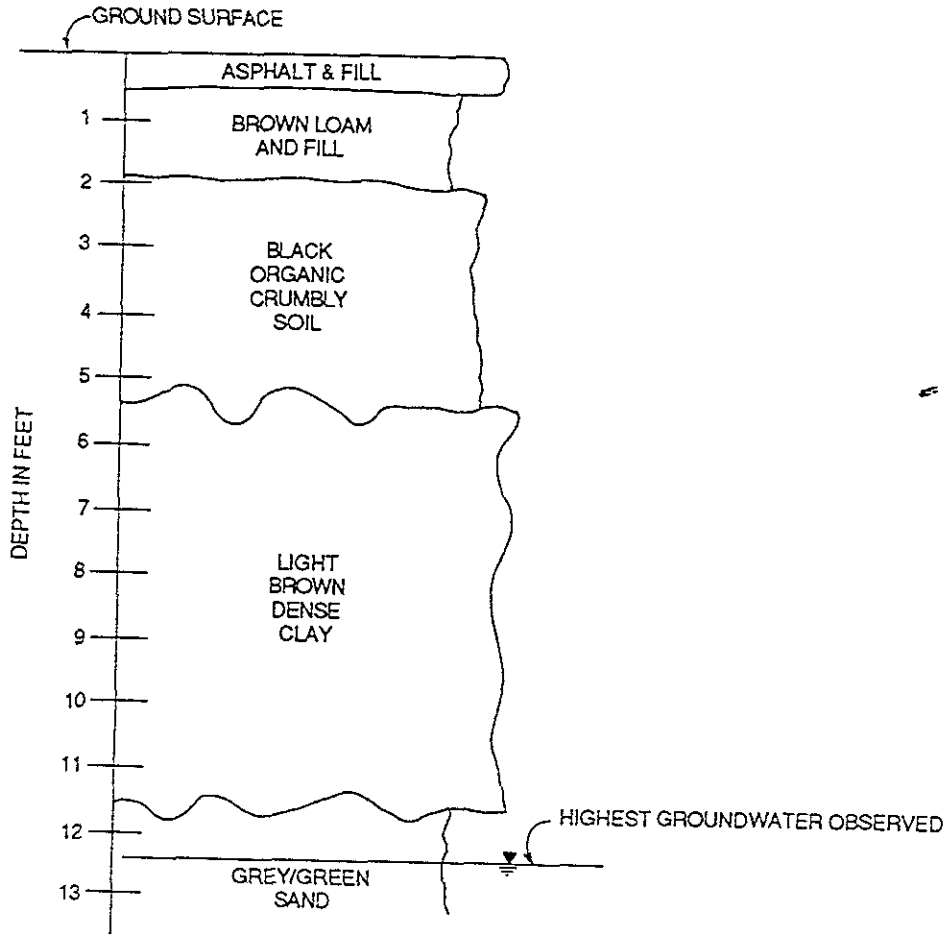


EXCAVATION PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	11/29/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-360-01
Drawing No	3

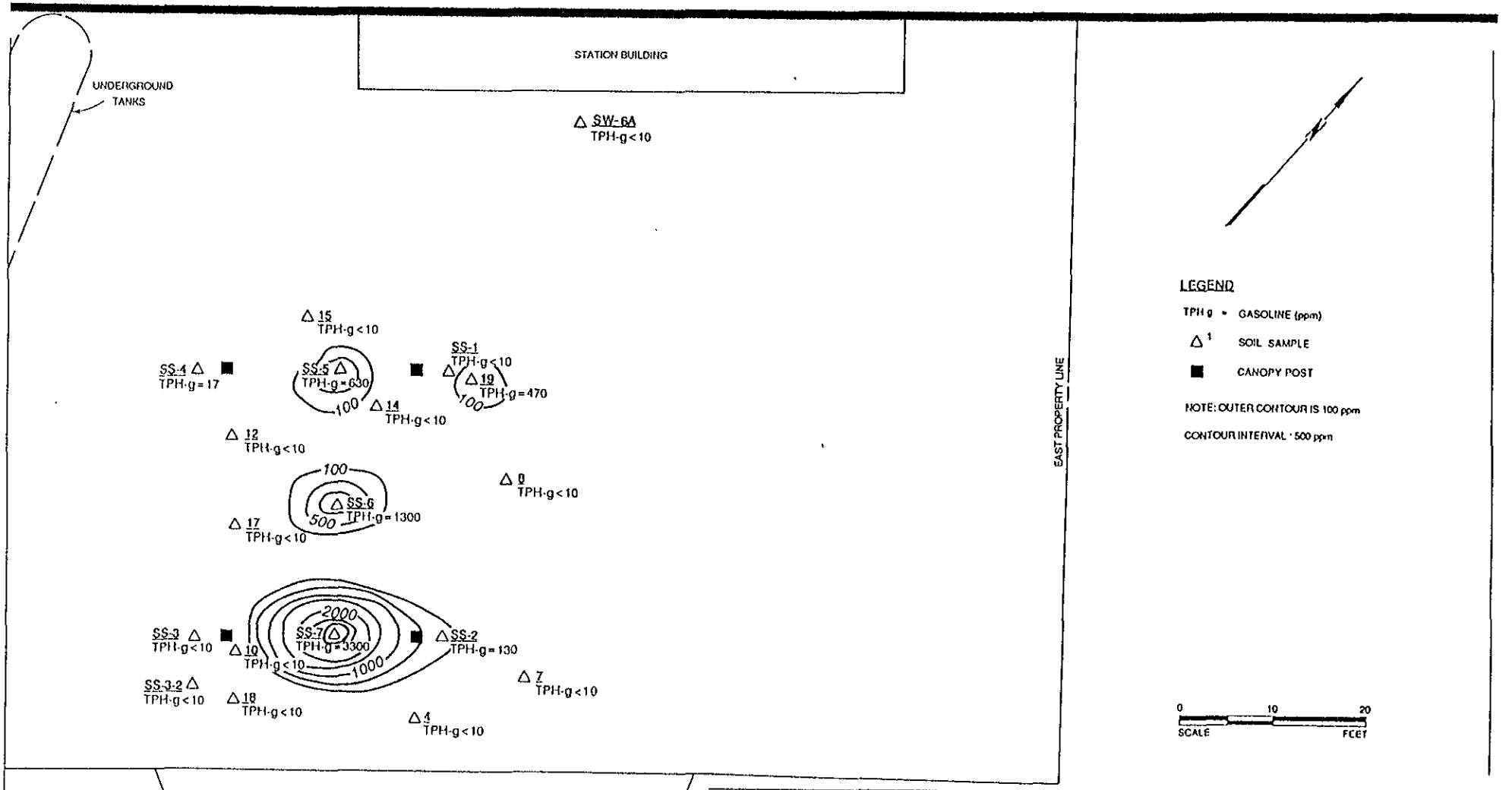


GEOLOGIC COLUMN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental West

Scale	NOT TO SCALE
Prepared by	CRB
Checked by	RKM
Approved by	
Project No.	88-44-380-01
Date	11/29/89
Drawing No.	4

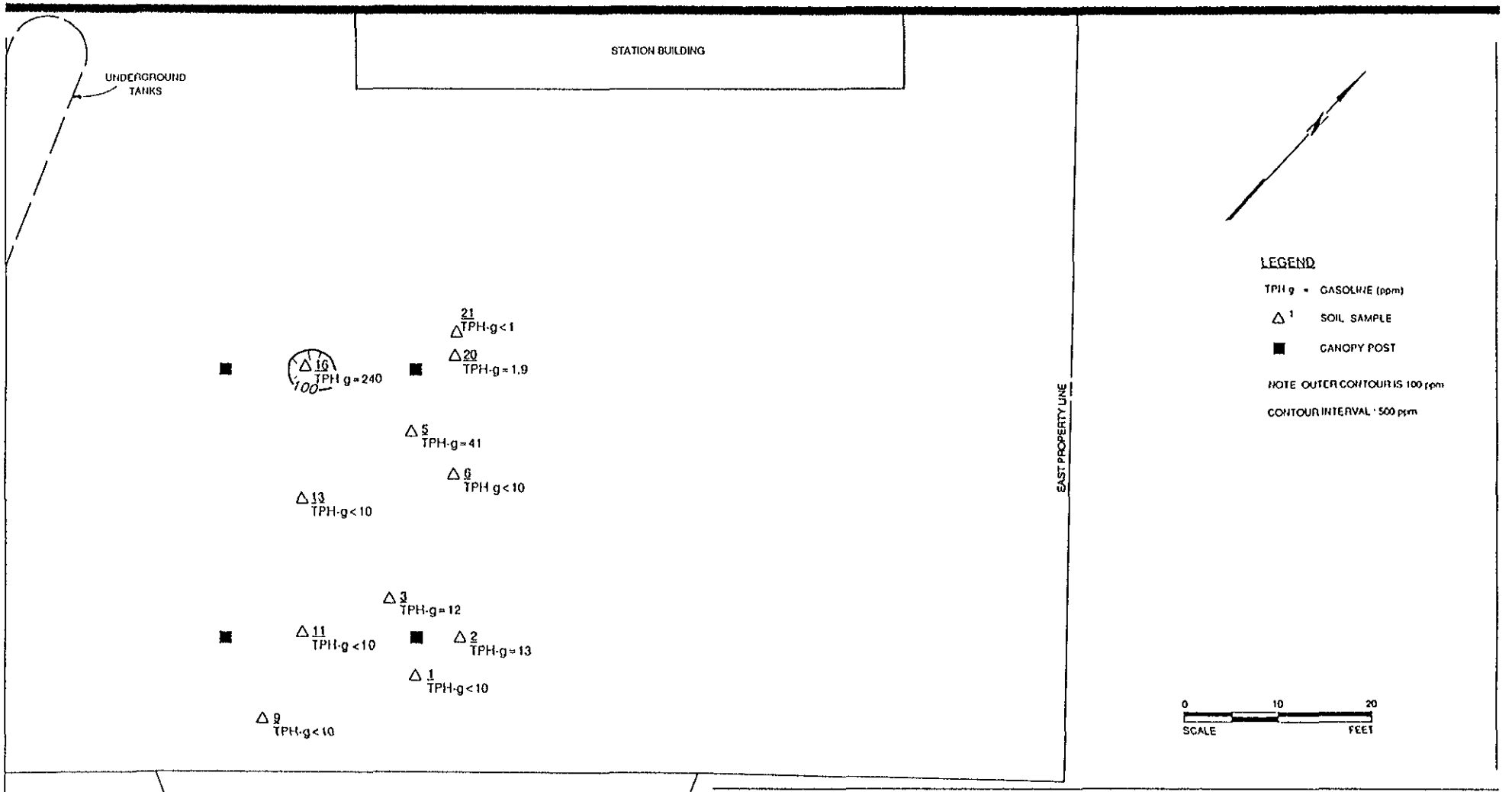


PLAN: SOIL TPH-g AT 0' to 6' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No	88 44 360.01
Drawing No	5

Converse Environmental Consultants California

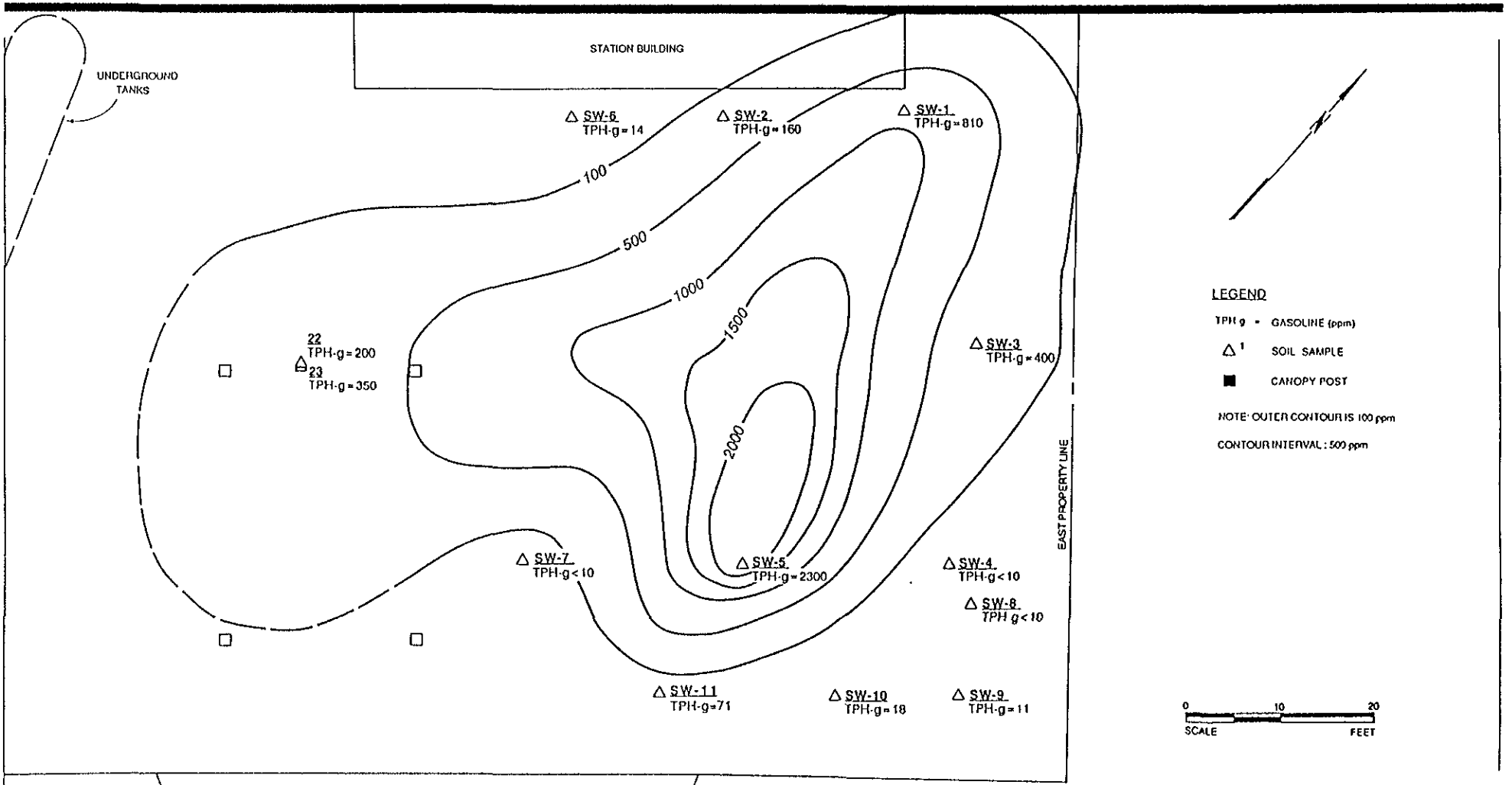


PLAN: SOIL TPH-g AT 6 to 11' BGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No	88-44-380-01
Drawing No	6

Converse Environmental Consultants California

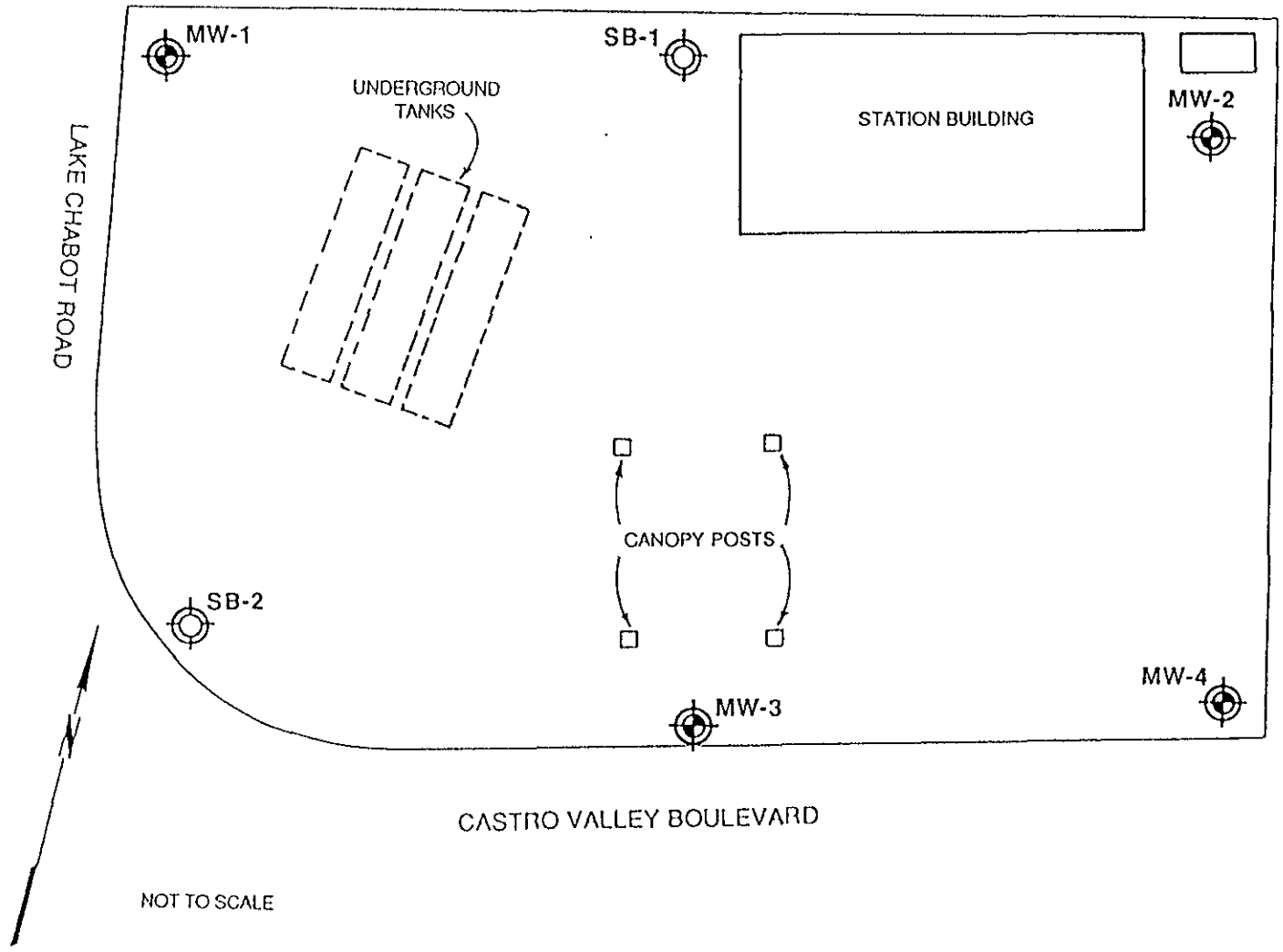


PLAN: SOIL TPH-g AT 11' BGS and below

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	AS SHOWN
Date	11/28/89
Prepared By	CRB
Checked By	RKM
Approved By	
Project No	88-44-380.01
Drawing No	7



LEGEND

SB-1 PROPOSED SOIL BORING

MW-1 PROPOSED GROUNDWATER MONITORING WELL

PROPOSED WELLS AND BORINGS

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale	NOT TO SCALE
Date	11/29/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-380 01
Drawing No	8

CONVERSE ENVIRONMENTAL WEST

October 31, 1989
88-44-380-01-259

Mr. L. Seto
Alameda County Health Care Services Agency
Department of Public Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: SOIL SAMPLING REPORT
2724 Castro Valley Blvd.
Castro Valley, California

Dear Mr. Seto:

The purpose of this letter is to present the results of the most recent soil sampling at the site and to request approval to backfill the current excavation that exists in the vicinity of the pump islands. We do not anticipate excavating any more soil in connection with the tank removal operation.

SUMMARY - Shell requests approval to backfill the open excavation. (Please refer to Drawing 2) All of the samples taken in the excavation sidewalls and the clay floor confirm that near surface contamination has been excavated. (Please refer to Drawing 3 and Table 1). Shell will submit a formal Work Plan for the site before the end of November.

PREVIOUS ACTIVITY - In February, Shell Oil removed four underground storage tanks from the eastern side of the above site. Between March and July 1989, the resulting excavation was enlarged as soil was removed in an attempt to reduce residual contamination values to acceptable limits. In July, Shell requested and received your offices approval to backfill the eastern excavation. Subsequently, work commenced on excavating near surface contamination from the pump island area in the middle of the site.

CURRENT SITUATION - Soils have been excavated in the vicinity of the old pump islands. Pillars of supporting soil have been left around some of the canopy columns. Periodic sampling was performed to assess the progress towards clean up levels. The latest round of samples has confirmed that sidewall and excavation

floor (clay) residual contaminant values are well below county requirements. Table 1 lists the samples and their analytical results. Drawing 2 shows the excavation relative to the whole site. Drawing 3 shows the sample locations.

SITE GEOLOGY - Drawing 4 shows a vertical profile of soils existing at the site. Note the dense clay layer located generally between 5 and 11.5 feet below ground level. This clay separates the near surface soils from a gravelly sand which appears to be continuous beneath the site. Previous sampling rounds have encountered motor vehicle fuel (MVF) contaminants only in the near surface soils and the gravelly sand.

ASSUMPTIONS AND RATIONALE - An initial sampling round in the vicinity of the former pump dispensers and fuel supply lines disclosed localized MVF contamination in the near surface soils. It was assumed that contamination of near surface soils occurred via pump dispenser/fuel supply line leaks or surface spills. It was also assumed that surface contamination would not migrate through the dense clay into the gravelly sand. Knowing that the lower gravelly sand was already contaminated on the eastern side of the site (less than 50 feet away) there was a high probability that it was also contaminated beneath the pump island area.
Deep excavation of soils including this gravelly sand down to groundwater was not practical around the pump islands since it would have placed the canopy columns in structural jeopardy. Therefore it was decided to excavate only the near surface soils down to and into the clay. A full investigation of the extent of contamination of the gravelly sand will be conducted as part of the forthcoming workplan.
Sample 23 shown on Drawing 3 was taken through the clay into the gravelly sand and confirms the contamination suspected. Although it exceeds the 100 ppm maximum value (Tph-g) allowable, this soil location can not be remediated by excavation but will be addressed as part of the future overall site remediation effort.

PLANS - Shell will prepare and submit a Work Plan to address the investigation for onsite and offsite contamination of both soils and groundwater from former tank content contamination. A program of soil and groundwater characterization will be proposed. On and offsite soil borings will define the extent of residual soil contamination at all depths to groundwater. On and possibly offsite monitor wells will investigate ground water contamination. This investigation will proceed in a phased approach until the extent of contamination originating at the station is determined. Remediation alternatives beyond excavation will be considered as part of the Work Plan.

Yours very truly,

CONVERSE ENVIRONMENTAL CONSULTANTS CALIFORNIA

R. Mansfield

Robert K. Mansfield
Project Manager
California Registered Geologist # 4529

ANALYTICAL RESULTS

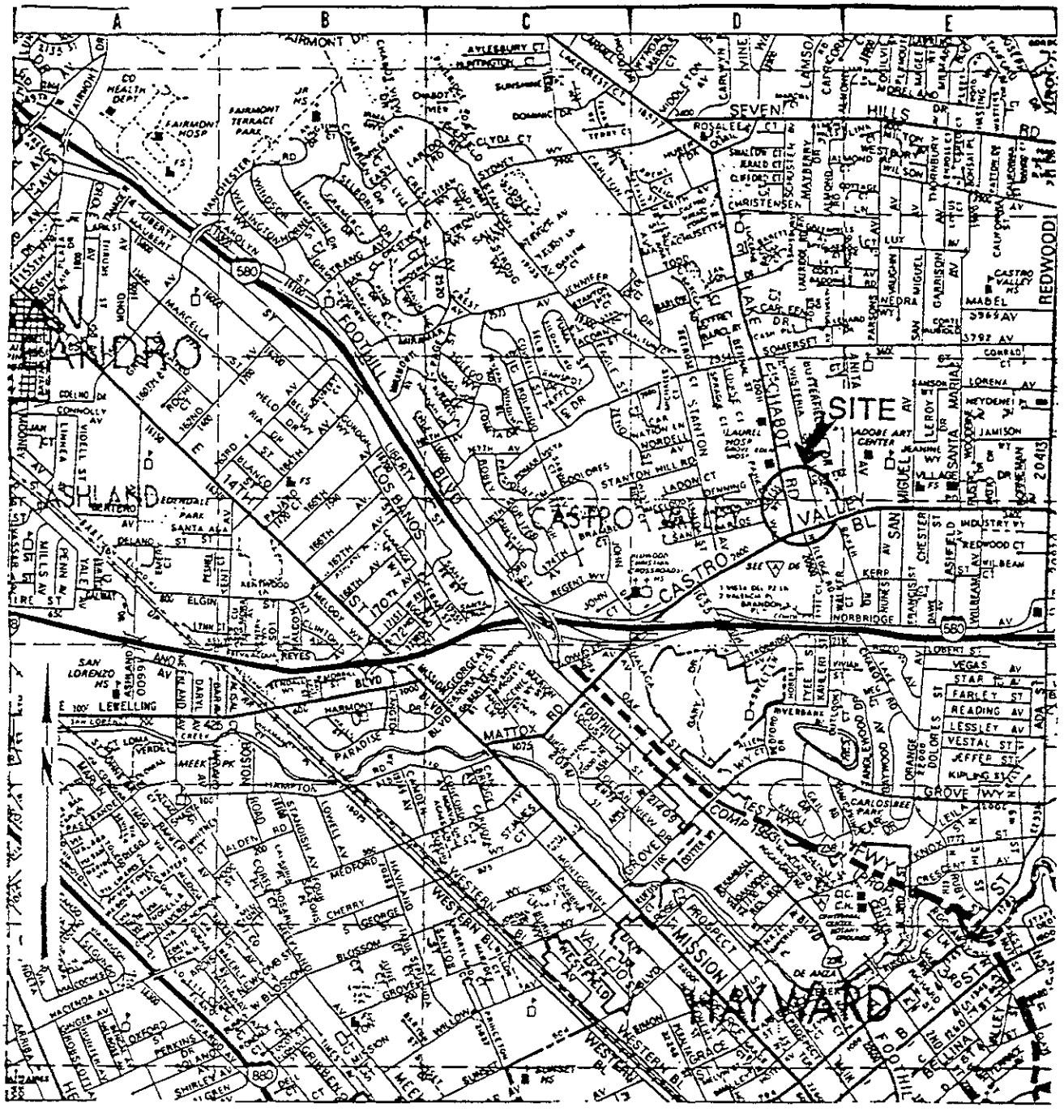
NOTE: Samples taken in soil that was later removed are not included in this table or shown on the drawing. A historical summary of all soil samples is being prepared and will be presented in the workplan.

TABLE 1 EXCAVATION SOIL SAMPLES - ANALYTICAL RESULTS

All results in ppm

Location and depth	TPH-g	B	T	E	X
S 1 @ 7	<10	<.025	<.025	<.075	<.075
S 2 @ 7	13	<.025	<.025	<.075	<.075
S 3 @ 8	12	0.096	0.180	0.098	0.560
S 4 @ 3	<10	<.025	<.025	<.075	<.075
S 5 @ 10.5	41	0.820	5.000	2.100	12.00 (1)
S 6 @ 7	<10	0.029	0.071	<.075	0.170
S 7 @ 3	<10	<.025	<.025	<.075	<.075
S 8 @ 3	<10	<.025	<.025	<.075	<.075
S 9 @ 6	<10	<.025	<.025	<.075	<.075
S 10 @ 3	<10	<.025	<.025	<.075	<.075
S 11 @ 7.5	<10	<.025	<.025	<.075	<.075
S 12 @ 4	<10	<.025	<.025	<.075	<.075
S 13 @ 8	<10	<.025	<.025	0.280	0.240
S 14 @ 3	<10	<.025	<.025	<.075	<.075
S 15 @ 3	<10	<.025	<.025	<.075	<.075
S 17 @ 4	<10	<.025	<.025	<.075	<.075
S 18 @ 4	<10	<.025	<.025	<.075	<.075
S 21 @ 7	<1	<.0025	<.0025	<.0025	<.0025
S 23 @ 12	350	0.95	4.7	3.1	13.0 (2)

(1) - Results may reflect proximity to gravelly sand.
(2) - Results due to sample being taken in gravelly sand.



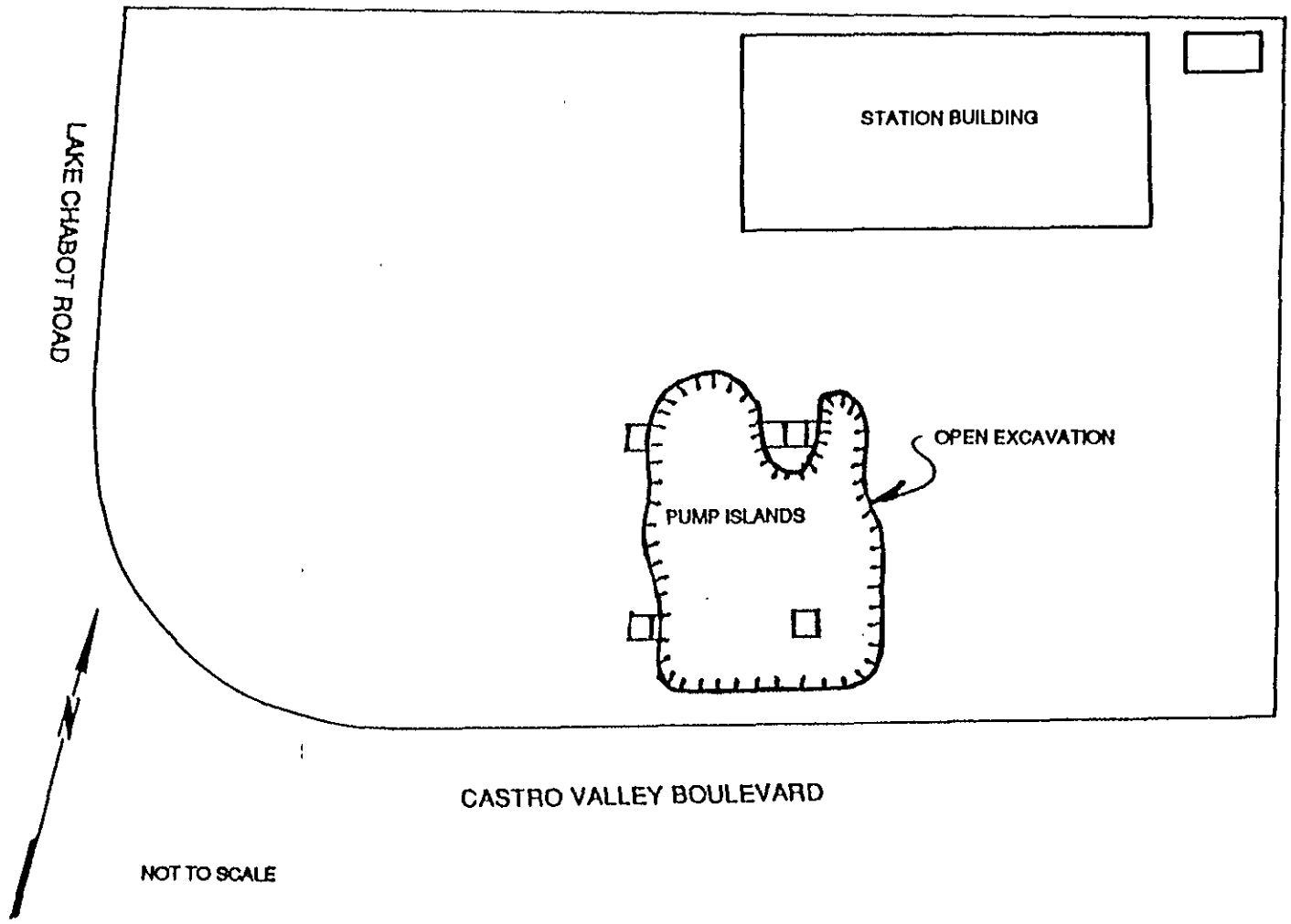
SOURCE: Thomas Brothers Maps, 1988.

SITE LOCATION MAP

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental
Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No.: 1
Approved by: DWC	

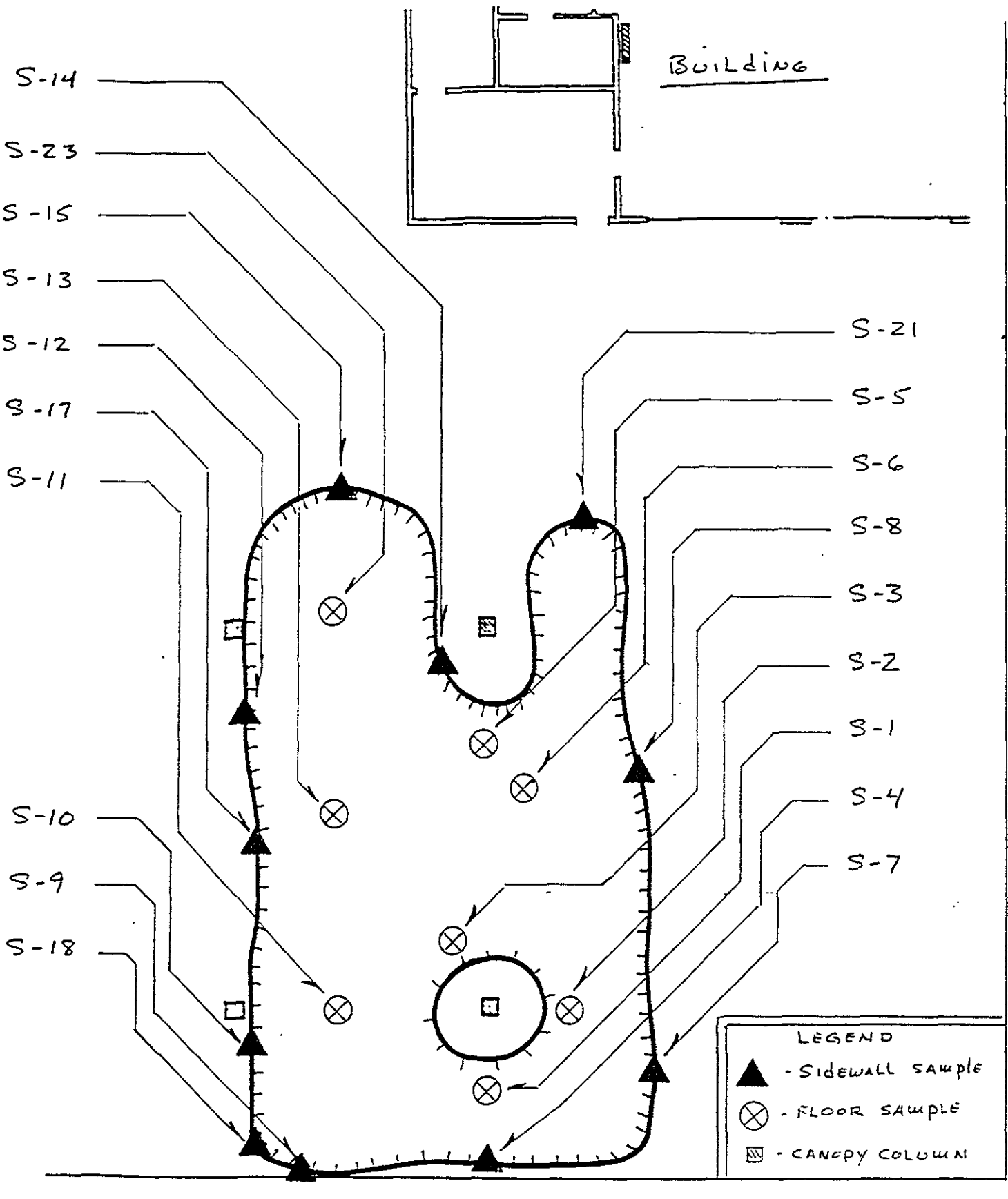


PLOT PLAN

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

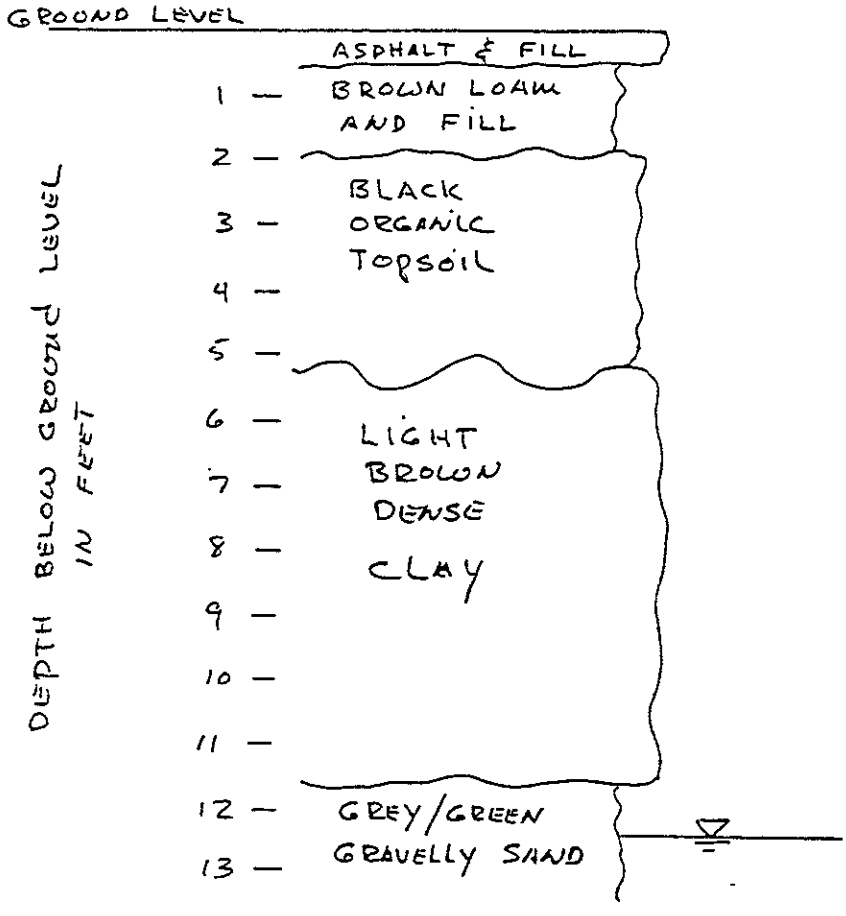
Scale	NOT TO SCALE
Date	7/20/89
Prepared By	CRB
Checked By	RKM
Approved By	DWC
Project No	88-44-380 01
Drawing No	2



SAMPLE LOCATIONS

Converse Environmental Consultants California

Scale: 1" = 12'	Project No.: 88-44.380-01
Prepared by:	Date: 10-31-1989
Checked by:	Drawing No.: 3
Approved by: RKM	



SOIL PROFILE

Converse Environmental Consultants California

Scale: AS SHOWN	Project No.: 88.44.380.01
Prepared by:	Date: 10.31.89
Checked by:	Drawing No.: 4
Approved by: RICH	

Converse Environmental Consultants California

55 Hawthorne Street, Suite 500
San Francisco, California 94105

Telephone **415 543-4200**
FAX 415 777-3157

October 11, 1989
88-44-380-01-227

Mr. Lary Seto
Alameda County Health Care Services Agency
Dept of Environmental Hazardous Materials
80 Swan Way, Room 200
Oakland, California 94621

Subject: Activity Report
2724 Castro Valley Blvd
Castro Valley, California

Dear Mr. Seto:

The following is a chronology of environmental activity on the site, recent first:

October, week 2 - Shell is currently moving stockpiled soil off the site to disposal areas. This soil was stockpiled during excavation around the pump islands. Analytical results of the most recent excavation are not yet known.

October, week 1 - Excavation of soils to a depth of 5-7 feet is continuing in the vicinity of the pump islands. From time to time, samples will be taken to assess both the horizontal and vertical extent of contamination.

September, week 4 - No operations. Contractor deciding on best method for stabilizing the canopy support pillars.

September, week 3 - No operations.

September, week 2 - No operations. The plan will be to excavate soils within an area bounded by the canopy pillars down to a depth of 6-7 feet. A dense impermeable clay was encountered at this depth during the excavation on the east side of the property. If this clay is continuous it will create a barrier to downward contaminant migration. However, before excavation can proceed, the stability of the canopy and its pillars must be considered.

September, week 1 - Eight shallow (3-5 foot) soil samples were collected in the vicinity of the pump islands to determine the nature of contamination in the near surface soils. Analytical results indicated that an area roughly delimited by the canopy pillars contained motor vehicle fuel contamination in concentrations above action limits.

August. Backfill and compaction work is being performed on the large excavation on the east side of the site. Further excavation was deemed physically impossible.

Very Truly Yours,

Converse Environmental West

R. Mansfield

Robert K. Mansfield
Senior Hydrogeologist

cc: Ray Newsome - Shell Oil Company

Converse Environmental Consultants California

55 Hawthorne Street, Suite 500
San Francisco, California 94105

Telephone **415 543-4200**
FAX 415 777-3157

October 11, 1989
88-44-380-01-227

Mr. Lary Seto
Alameda County Health Care Services Agency
Dept of Environmental Hazardous Materials
80 Swan Way, Room 200
Oakland, California 94621

Subject: Activity Report
2724 Castro Valley Blvd
Castro Valley, California

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Very Truly Yours,

Converse Environmental West

R. Mansfield

Robert K. Mansfield
Senior Hydrogeologist

cc: Ray Newsome - Shell Oil Company

Converse Environmental Consultants California

CONVERSE ENVIRONMENTAL WEST
new name for
CONVERSE ENVIROMENTAL CONSULTANTS CALIFORNIA

55 Hawthorne Street, Suite 500
San Francisco, California 94105
Telephone **415 543-4200**
FAX 415 777-3157

September 29, 1989
88-44-380-01-211

Ms. Dyan Whyte
Water Resource Control Engineer
San Francisco Bay Regional Water Quality Control Board
1111 Jackson Street, 6th Floor
San Francisco, California 94607

Subject: Quarterly Report
2724 Castro Valley Road
Castro Valley, California

Dear Ms. Whyte:

Enclosed are documents which summarize site characterization studies which were conducted by Converse Environmental West (CEW) at the subject site during Quarter 3, 1989. These documents have been forwarded to Mr. Larry Seto, lead representative for the Local Implementing Agency (LIA).

With this transmittal, Shell is submitting its Q3/1989 quarterly report for the RWQCB and the LIA.

Activities associated with site characterization are ongoing. Reports on these activities will be sent to the LIA when appropriate and summarized for your office each quarter.

Very truly yours,

Converse Environmental West

Robert K. Mansfield
California Registered Geologist # 4529

RKM:fs

Enclosures: Interim Report

cc: Mr. Larry Seto -Alameda County Health Dept. - (w/encl.)
Ms. Diane Lundquist - Shell Oil Company - (w/encl.)
Mr. Douglas W. Charlton - CEW (w/encl.)

Converse Environmental Consultants California

55 Hawthorne Street, Suite 500
San Francisco, California 94105
Telephone 415 543-4200
FAX 415 777-3157

July 27, 1989
88-44-380-01-

Mr. L. Seto
Alameda County Health Care Services Agency
Department of Public Health
80 Swan Way, Room 200
Oakland, California 94621

Subject: ADDENDUM TO;
July 11, 1989
INTERIM SOIL SAMPLING REPORT AND RECOMMENDATIONS
2724 Castro Valley Blvd.
Castro Valley, California

Dear Mr. Seto:

The purpose of this addendum is to clarify our July 11th letter and to add information requested by you.

QUESTION - in the July 11 letter, we identified sidewall samples SW-4 and SW-5 as 'excavated sample locations', and it was not clear if they were taken at the floor of the excavation nor if they were in soils that were subsequently removed.

ANSWER - SW-4 and SW-5 were samples taken at a depth of approximately 12 feet in the sidewall of the excavation as it existed on June 12, 1989. Figure A shows the excavation at that date. SW-5 contained Tph-g of 2,300 ppm, therefore we decided to widen the excavation to the south and resample. Soils in the vicinity of SW-4 and SW-5 were removed to a depth of 12.5 feet. Figure B shows the excavation as it existed on July 5, 1989. The sidewall sample locations shown are at the current limit of excavation.

ADDITIONAL INFORMATION - Enclosed are copies of the lab analysis sheets and the chain of custody documents. I have also included an updated table that includes the results of the water sample collected July 6, 1989 from water standing in the bottom of the excavation.

Yours very truly,

CONVERSE ENVIRONMENTAL CONSULTANTS CALIFORNIA

R. K. Mansfield

Robert K. Mansfield
Project Manager
California Registered Geologist # 4529

TABLE 1

SOIL SAMPLES OF THE TANK PIT SIDEWALLS
Reporting units = ppm

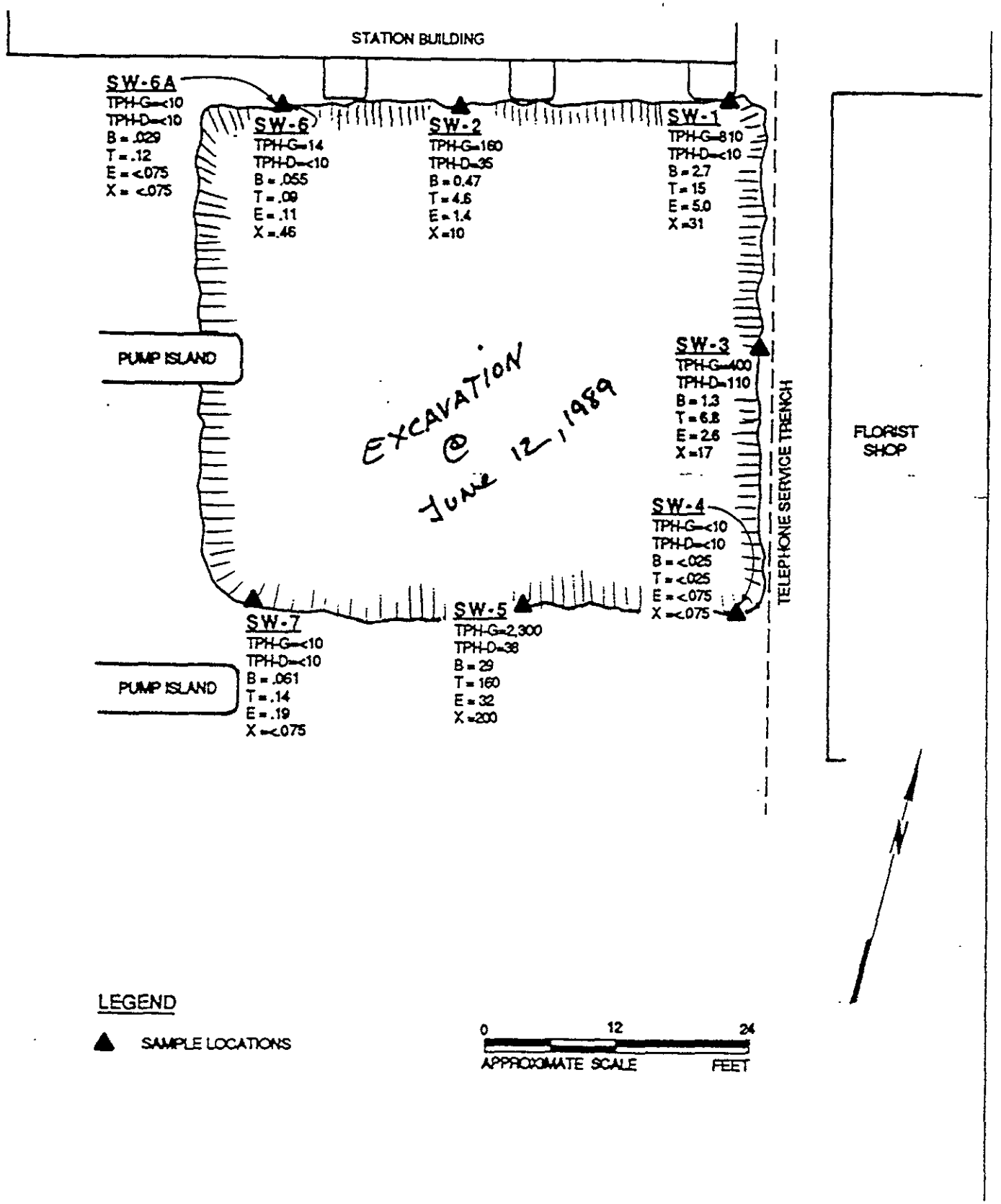
location / date	tph-g	tph-d	B	T	E	X
SW-1 / 6-12	810	<10	2.7	15	5.0	31
SW-2 / 6-12	160	35	0.47	4.6	1.4	10
SW-3 / 6-12	400	110	1.3	6.8	2.6	17
SW-4 / 6-12	<10	<10	<.025	<.025	<.075	<.075
SW-5 / 6-12	2,300	38	29	160	32	200
SW-6 / 6-12	14	<10	0.055	0.09	0.11	0.46
SW-6A / 6-12	<10	<10	0.029	0.12	<.075	<.075
SW-7 / 6-12	<10	<10	0.061	0.14	0.19	<.075
SW-8 / 7-5	<10	NA	<.025	<.025	<.075	<.075
SW-9 / 7-5	11	NA	<.025	0.6	0.66	1.4
SW-10 / 7-5	18	NA	1.0	0.57	2.9	1.7
SW-11 / 7-5	71	NA	2.6	2.5	7.0	5.4

WATER SAMPLE IN THE EXCAVATION
Reporting units = ppm

location / date	tph-g	tph-d	B	T	E	X
Excavation pit 7/6	<.05	NA	<.0005	<.0005	<.0015	<.0015

NOTES:

1. NA = not analyzed.
2. All sidewall samples were collected from soils retrieved from the pit by either backhoe or excavator.
3. Soil from which samples SW-4 and SW-5 were taken have been excavated and removed.

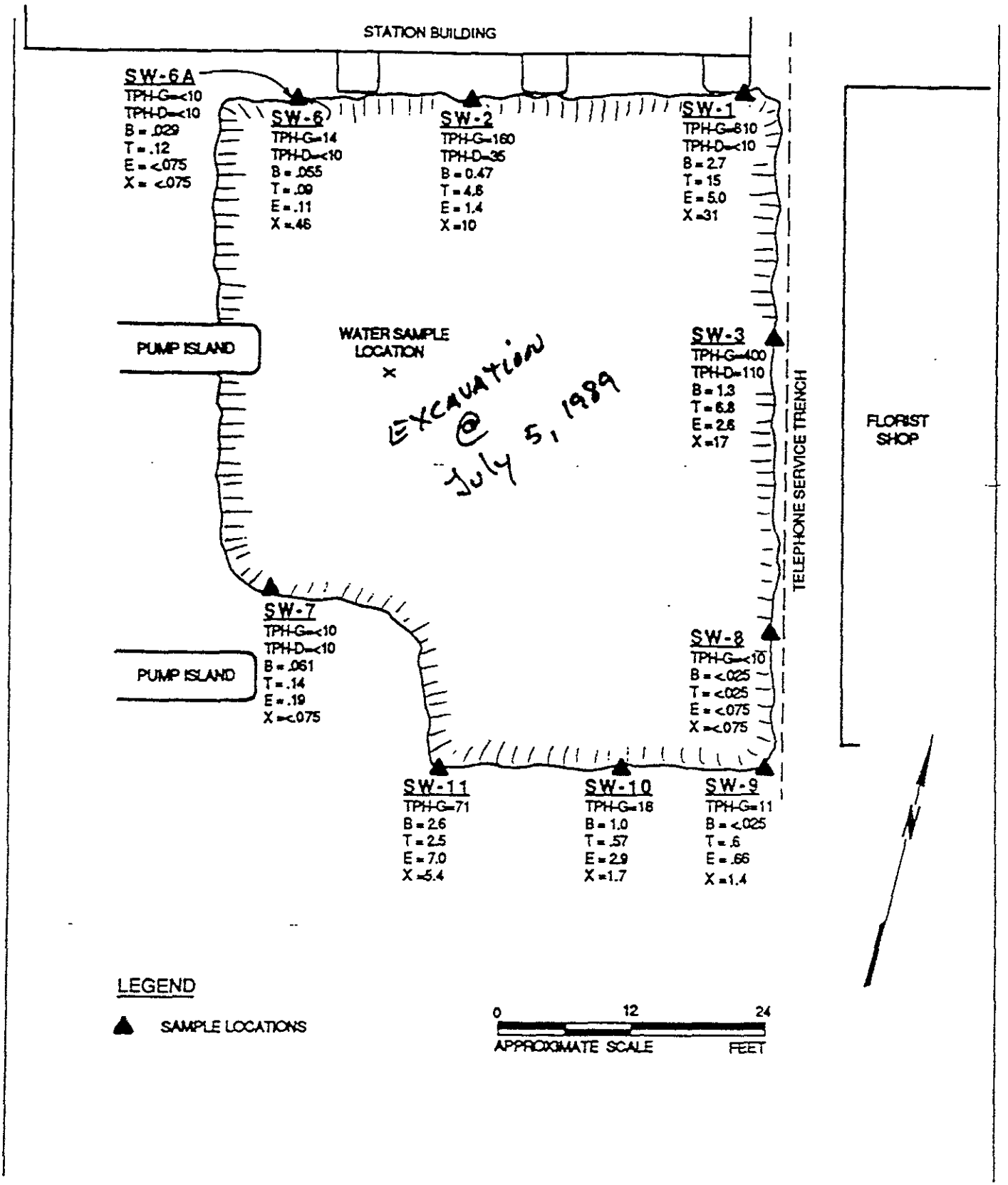


RESULTS MAP @ JUNE 12, 1989

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No: A
Approved by: DWC	

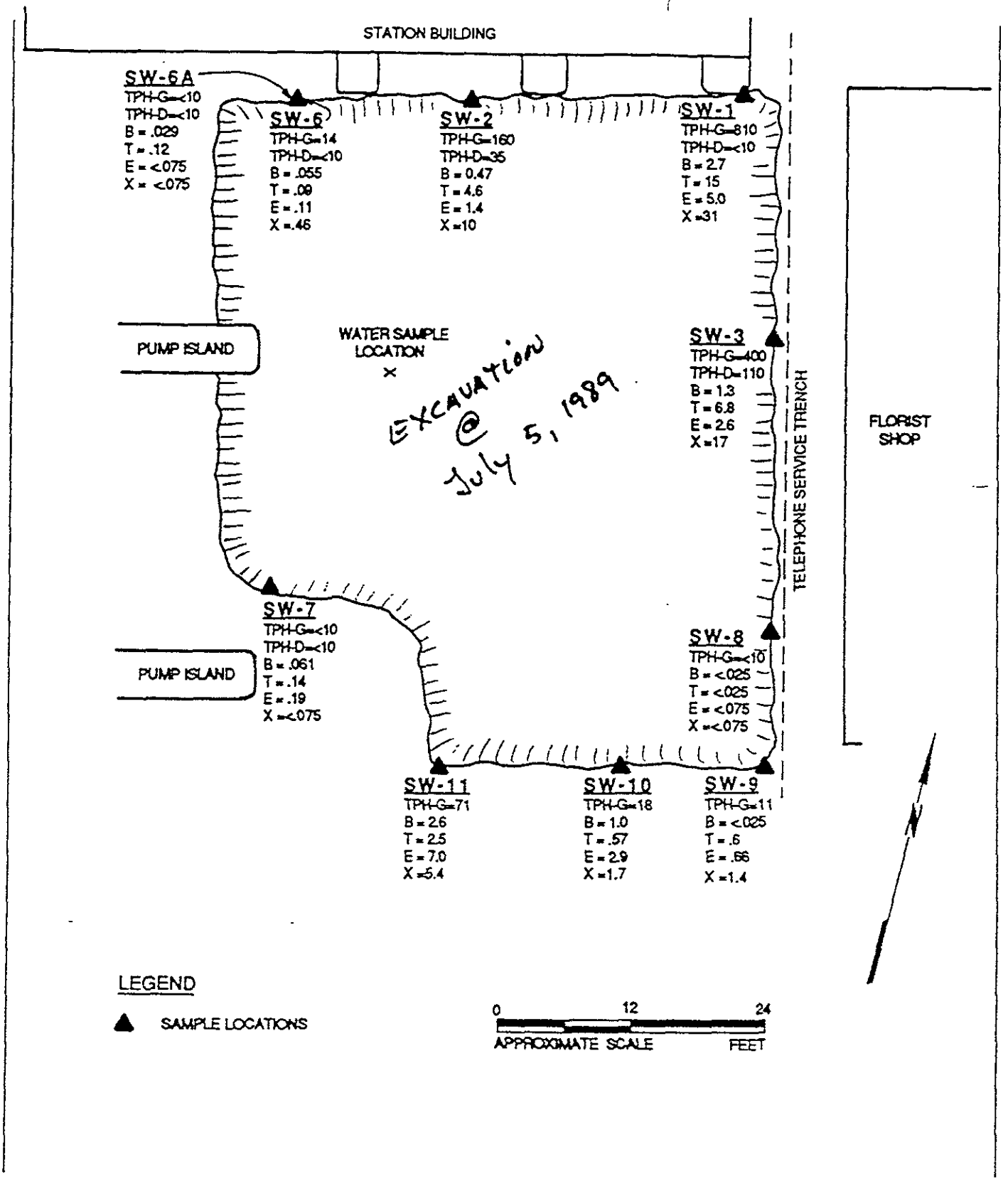


RESULTS MAP @ July 5, 1989

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No.: B
Approved by: DWC	

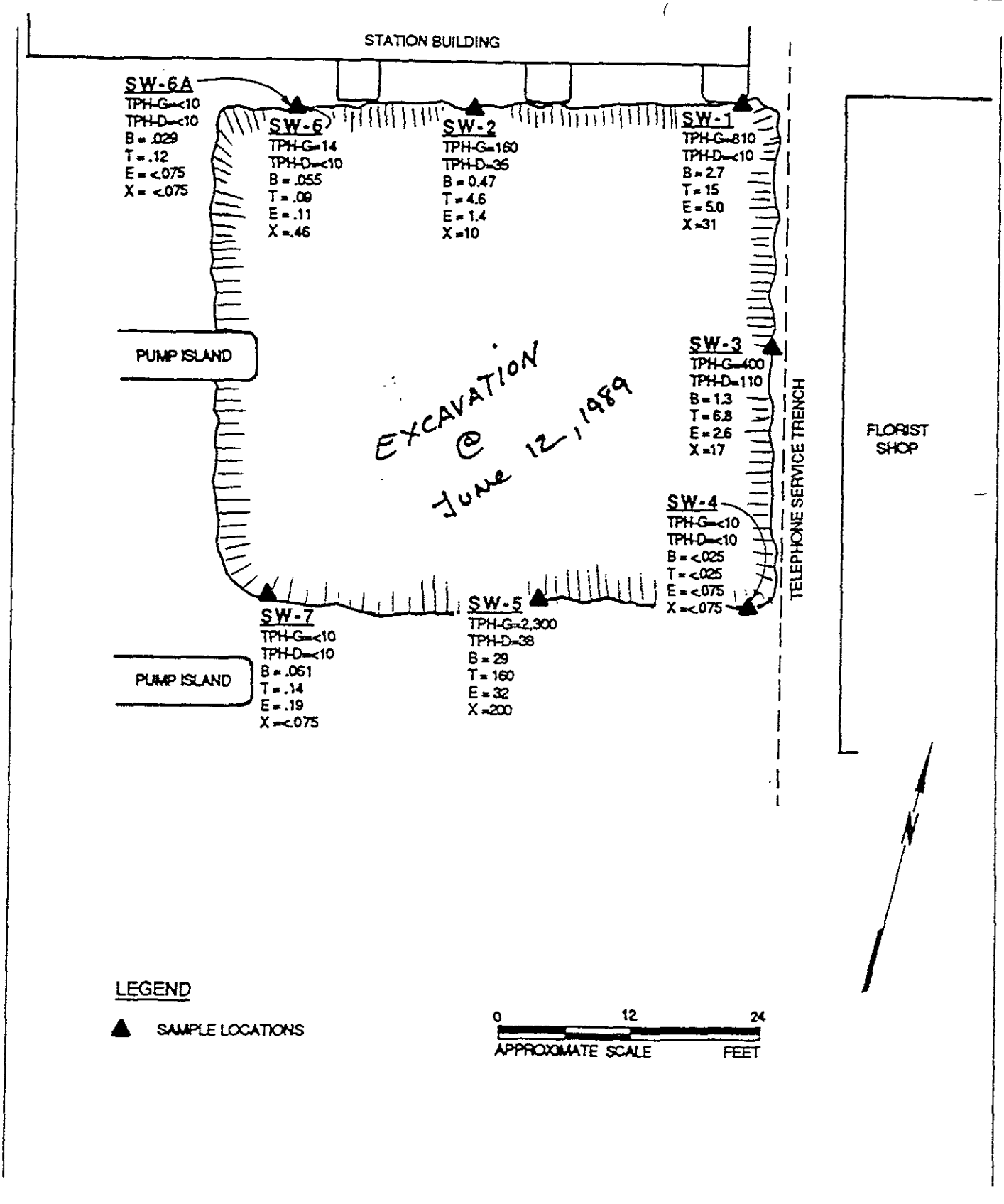


RESULTS MAP @ July 5, 1989

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRB	Date: 7/20/89
Checked by: RKM	Drawing No.
Approved by: DWC	



RESULTS MAP @ June 12, 1989

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Converse Environmental Consultants California

Scale: AS SHOWN	Project No.: 88-44-380-01
Prepared by: CRS	Date: 7/20/89
Checked by: RKM	Drawing No.
Approved by: DWC	

Converse Consultants

7049

CHAIN OF CUSTODY RECORD

Project No.	Project Name	Number of Containers	TPH-GAS	BTEX				Remarks
88-11-380-01	SHELL - 2724 CASTRO VALLEY BLVD	4 VOAS						SHELL
Samplers: (signature)								

Station No.	Date	Time	Comp.	Grab	Station Location	Number of Containers	TPH-GAS	BTEX				Remarks
[illegible]	7-6-89	11:00	✓		2724 CASTRO VALLEY BLVD	4	✓	✓				~~STAT.~~ STANDARD - TAT

Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
	7-6-89 15:30 / 7-6-89 4:50pm			7-18 / 0315	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
Relinquished by Courier: (signature)	Date/Time	Received by Mobile Lab: (signature)	Relinquished by Mobile Lab: (signature)	Date/Time	Received by Courier: (signature)
Method of Shipment		Shipped by: (signature)	Courier from Airport: (signature) CUNA NCSI	Received for Laboratory: (signature)	Date/Time 7/11/89 / 0110

SAMPLE DESCRIPTION: Excav. Pit 07-06-89 1100
LAB NO.: (-30626)

Parameter	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS			
Volatile, as Gasoline	0.05	ND	ppm
DATE ANALYZED		07-14-89	
METHOD 8015/5030			
PURGEABLE AROMATICS			
Benzene	0.0005	ND	ppm
Ethylbenzene	0.0015	ND	ppm
Toluene	0.0005	ND	ppm
Xylenes, total	0.0015	ND	ppm
METHOD 602			

Converse Consultants

CHAIN OF CUSTODY RECORD

Project No.	Project Name
88-44-380.01	2724 Castle Valley

Samplers: (signature) N. Mansfield

Station No.	Date	Time	Comp.	Grab	Station Location	Number of Containers	TPH-g/BTEX	TPH-d	TOG (503)				Remarks
1	6-12			✓	SW-1	1	X	X	X				#6758
				✓	SW-2	1	X	X	X				
				✓	SW-3	1	X	X	X				
				✓	SW-4	1	X	X	X				
				✓	SW-5	1	X	X	X				
				✓	SW-6	1	X	X	X				
				✓	SW-6A	1	X	X	X				Black soil Horizon
				✓	SW-7	1	X	X	X				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
N. Mansfield	6-12 1642	Nicola Blank	Nicola Blank	6/12 2.45	Fred Elrod
Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
Relinquished by Courier: (signature)	Date/Time	Received by Mobile Lab: (signature)	Relinquished by Mobile Lab: (signature)	Date/Time	Received by Courier: (signature)
Method of Shipment (1 = NCS)		Shipped by: (signature)	Courier from Airport: (signature)	Received for Laboratory: (signature) Deborah Dow	Date/Time 6/13/89

Parameter	Reporting Limit (ppm)	Descriptor, Lab No. and Results (ppm) SW-1 06-12-89 (-29102)	SW-2 06-12-89 (-29103)	SW-3 06-12-89 (-29104)	SW-4 06-12-89 (-29105)	SW-5 06-12-89 (-29106)
Oil & Grease, total	50	ND	ND	ND	ND	ND
Oil & Grease, (non-polar)	100	ND	ND	ND	ND	ND
PETROLEUM HYDROCARBONS						
Volatile, as Gasoline	10	810	160	400	ND	2300
DATE ANALYZED		06-14-89	06-14-89	06-14-89	06-14-89	06-14-89
Extractable,						
as Motor Oil	10	ND	ND	ND	ND	ND
as Diesel Fuel	10	ND	35[a]	110[a]	ND	38[a]
DATE ANALYZED		06-14-89	06-14-89	06-14-89	06-14-89	06-14-89
DATE EXTRACTED		06-13-89	06-13-89	06-13-89	06-13-89	06-13-89

Parameter	Reporting Limit (ppm)	Descriptor, Lab No. and Results (ppm) SW-1 06-12-89 (-29102)[b]	SW-2 06-12-89 (-29103)[c]	SW-3 06-12-89 (-29104)[c]	SW-4 06-12-89 (-29105)	SW-5 06-12-89 (-29106)[b]
PURGEABLE AROMATICS						
Benzene	0.025	2.7	0.47	1.3	ND	29
Ethylbenzene	0.075	5.0	1.4	2.6	ND	32
Toluene	0.025	15	4.60	6.8	ND	160
Xylenes, total	0.075	31	10	17	ND	200

[a] Sample appears to contain lower boiling hydrocarbons not characteristic of diesel.
[b] The reporting limits for this sample are 50 times the listed reporting limits.
[c] The reporting limits for this sample are 10 times the listed reporting limits.

Parameter	Reporting Limit (ppm)	Descriptor, Lab No. and Results (ppm) SW-6 06-12-89 (-29107)	SW-6A 06-12-89 (-29108)	SW-7 06-12-89 (-29109)
Oil & Grease, total	50	ND	ND	ND
Oil & Grease (non-polar)	100	ND	ND	ND
PETROLEUM HYDROCARBONS				
Volatile, as Gasoline	10	14	ND	ND
DATE ANALYZED		06-14-89	06-14-89	06-14-89
Extractable,				
as Motor Oil soil	10	ND	ND	ND
as Diesel Fuel	10	ND	ND	ND
DATE ANALYZED		06-14-89	06-14-89	06-14-89
DATE EXTRACTED		06-13-89	06-13-89	06-13-89

Parameter	Reporting Limit (ppm)	Descriptor, Lab No. and Results (ppm) SW-6 06-12-89 (-29107)	SW-6A 06-12-89 (-29108)	SW-7 06-12-89 (-29109)
PURGEABLE AROMATICS				
Benzene	0.025	0.055	0.029	0.061
Ethylbenzene	0.075	0.11	ND	0.19
Toluene	0.025	0.090	0.12	0.14
Xylenes, total	0.075	0.46	ND	ND

Converse Consultants

CHAIN OF CUSTODY RECORD

Project No.:

Project Name: 2724 CASTRO Valley Blvd

Samplers: (signature) [signature]

6992

Station No.	Date	Time	Comp.	Grab	Station Location	Number of Containers	TPH-g BTEX						Remarks
1	7.5	–		✓	SW-8 @ 12'	1	X						
"	"	–		✓	SW-9 @ 12'	1	X						
"	"	–		✓	SW-10 @ 12'	1	X						
"	"	–		✓	SW-11 @ 12'	1	X						

NOTE: NEED RESULTS ASAP (24 HR TURN)

Save samples in case Pb needs to be run

Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
[signature]	7.5 / 1530	Nicola Blount	Nicola Blount	7-5 / 1535	Tom Fodge
Relinquished by: (signature)	Date/Time	Received by: (signature)	Relinquished by: (signature)	Date/Time	Received by: (signature)
Relinquished by Courier: (signature)	Date/Time	Received by Mobile Lab: (signature)	Relinquished by Mobile Lab: (signature)	Date/Time	Received by Courier: (signature)

Method of Shipment	Shipped by: (signature)	Courier from Airport: (signature)	Received for Laboratory: (signature)	Date/Time
via NCS			[signature]	7-/7 / 0[illegible]

Parameter	Reporting Limit (ppm)	Descriptor, Lab No. and Results (ppm) SW 8 @ 12' 07-05-89 (-30339)	SW 9 @ 12' 07-05-89 (-30340)	SW 10 @ 12' 07-05-89 (-30341)	SW 11 @ 12' 07-05-89 (-30342)
PETROLEUM HYDROCARBONS					
Volatile, as Gasoline	10	ND	11	18	71
DATE ANALYZED		07-06-89	07-06-89	07-06-89	07-06-89
PURGEABLE AROMATICS					
Benzene	0.025	ND	ND	1.0	2.6
Ethylbenzene	0.075	ND	0.60	0.57	2.5
Toluene	0.025	ND	0.66	2.9	7.0
Xylenes, total	0.075	ND	1.4	1.7	5.4

July 11, 1989
88-44-380-01-132

Mr. Larry Seto
Alameda County Health Care Services Agency
Department of Environmental Hazardous Material
80 Swan Way, Room 200
Oakland, California 94621

Subject: INTERIM SOIL SAMPLING REPORT AND RECOMMENDATIONS
2724 Castro Valley Blvd.
Castro Valley, California

Dear Mr. Seto:

The purpose of this letter is to present results of the recent soil sampling at the site and to request approval to backfill the existing excavation in order to continue the soil remediation activities and planned station reconstruction.

Approximately 1500 yards of soil have been excavated and removed from the location of the former fuel tanks. The dimensions of the present excavation are 61' in length, 52' wide, and 12.5' deep. Soil samples of the north, east and south sidewalls have been collected and analyzed. A sample of the water at the bottom of the excavation has also been taken and is being analyzed.

Converse Environmental Consultants California (CECC) has performed soil sampling of the excavation sidewalls at the above site. Figure 1 shows a diagrammatic plot plan of the site and Figure 2 shows the soil sample locations with a listing of the analytical results. Table 1 summarizes the analytical results of the samples.

Further excavation to the north is not feasible because the station building will be undermined. Further excavation to the east is limited by a near surface phone line service trench and neighboring florist shop building. The south wall has been excavated as close to the sidewalk along Castro Valley Blvd as is safe. Shell Oil Company requests approval to backfill the existing excavation.

This will allow continued construction efforts at the station which include the removal of contaminated soils from the vicinity of the pump islands.

Some onsite areas of suspected soil contamination, such as beneath the station building, will be inaccessible for remediation by direct soil removal. In addition, there is also a possibility that both soil and groundwater contamination exists offsite. The extent of any soil contamination beyond the property boundaries is currently unknown. There are no groundwater monitoring wells in the vicinity to check groundwater quality. Therefore, Shell will prepare and submit a Work Plan to address the potential for offsite contamination of both soils and groundwater from former tank content contamination. A program of investigation of soil and groundwater will be proposed. On and offsite soil borings will define the extent of soil contamination. On and offsite monitor wells will investigate the extent of water contamination. This investigation will proceed in a phased approach until the extent of contamination originating at the station is determined. The work plan will also address possible remediation plans through the use of critical path planning.

Yours very truly,

CONVERSE ENVIRONMENTAL CONSULTANTS CALIFORNIA

R. K. Mansfield

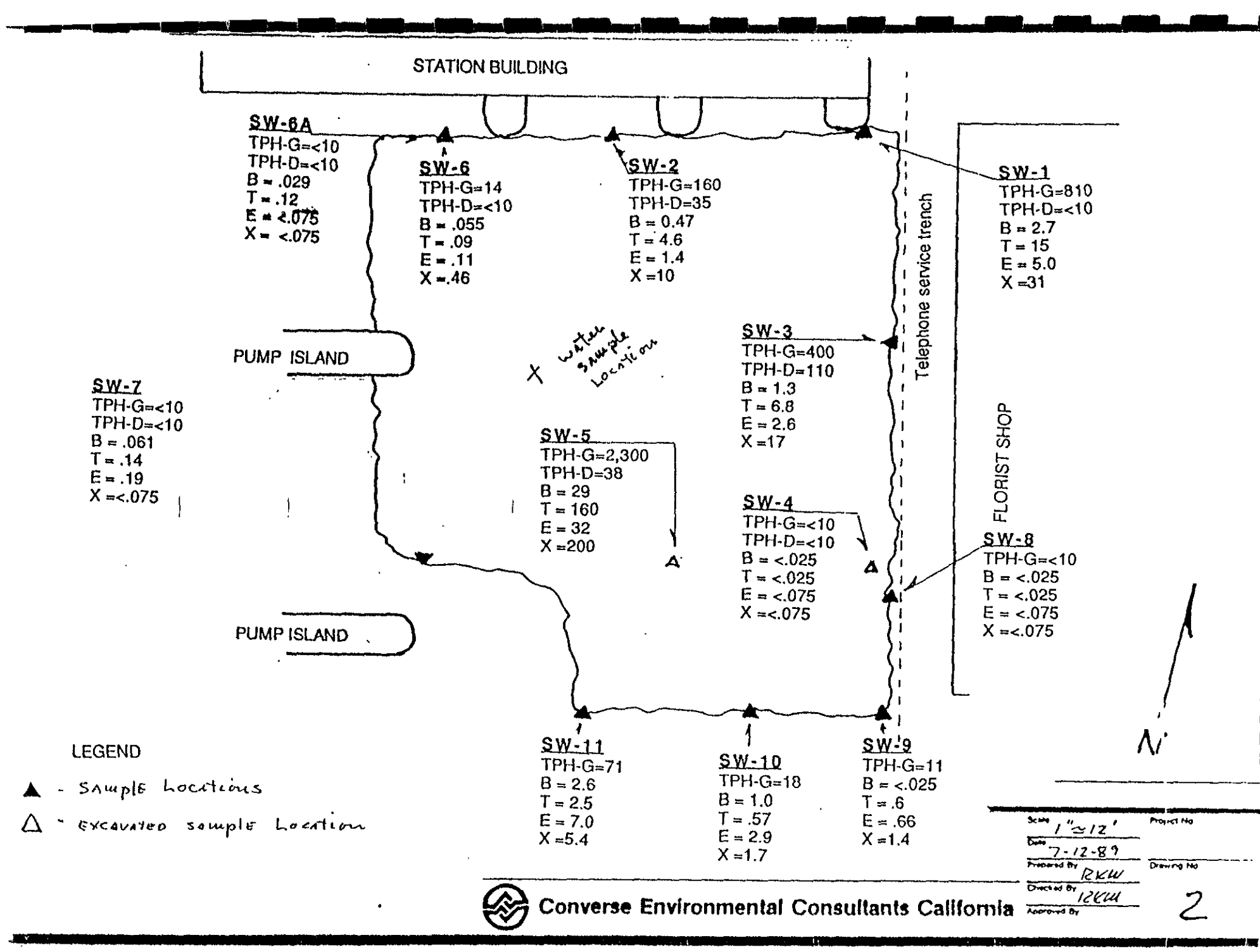
Robert K. Mansfield
Project Manager
California Registered Geologist # 4529

TABLE 1 SOIL SAMPLES OF THE TANK PIT SIDEWALLS

location / date	tph-g	tph-d	B	T	E	X
SW-1 / 6-12	810	<10	2.7	15	5.0	31
SW-2 / 6-12	160	35	0.47	4.6	1.4	10
SW-3 / 6-12	400	110	1.3	6.8	2.6	17
SW-4 / 6-12	<10	<10	<.025	<.025	<.075	<.075
SW-5 / 6-12	2,300	38	29	160	32	200
SW-6 / 6-12	14	<10	0.055	0.09	0.11	0.46
SW-6A / 6-12	<10	<10	0.029	0.12	<.075	<.075
SW-7 / 6-12	<10	<10	0.061	0.14	0.19	<.075
SW-8 / 7-5	<10	NA	<.025	<.025	<.075	<.075
SW-9 / 7-5	11	NA	<.025	0.6	0.66	1.4
SW-10 / 7-5	18	NA	1.0	0.57	2.9	1.7
SW-11 / 7-5	71	NA	2.6	2.5	7.0	5.4

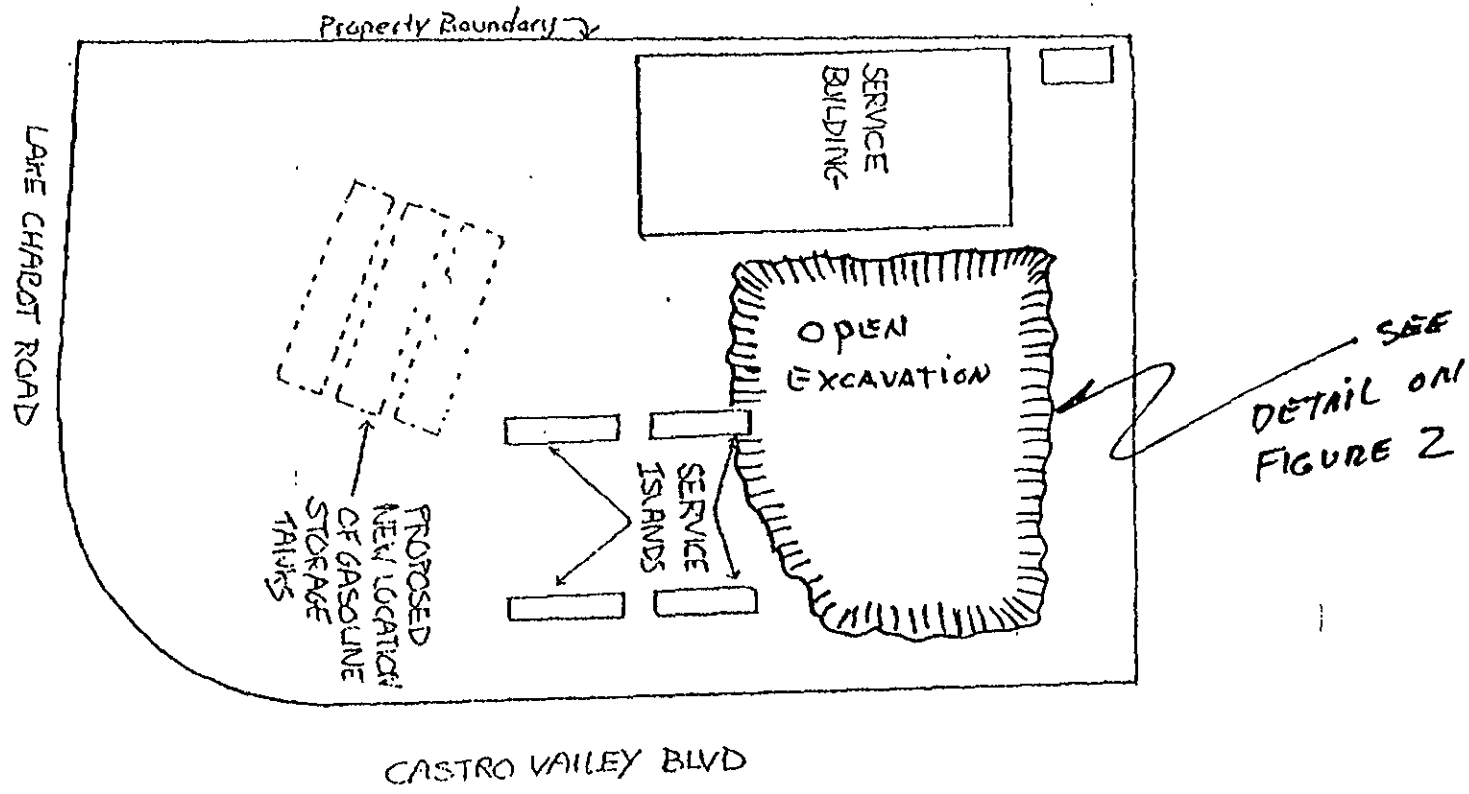
NOTES:

1. NA = not analyzed.
2. A sample of the water in the bottom of the pit was collected 7-06-89. The results will be forwarded when the analysis is complete.
3. All sidewall samples were collected from soils retrieved from the pit by either backhoe or excavator.
4. Soil from which samples SW-4 and SW-5 were taken have been excavated and removed.



Converse Environmental Consultants California

Scale 1" ≈ 12'
Date 7-12-89
Prepared By RKW
Checked By RKW
Approved By
Project No
Drawing No 2



Converse Environmental Consultants California

Scale: NOT SHOWN
Date: 2-10-89
Prepared By: RKW
Checked By: RKW
Approved By:
Project No:
Drawing No: 1