WEISS ASSOCIATES
Geologic and Environmental Services
Fax: 415-547-5043 Phone: 415-547-5420
5500 Shellmound Street, Emeryville, CA 94608

February 23, 1990

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

Re: Shell Service Station
WIC #204-685-214
1784 150th Avenue
San Leandro, California
WA Job #81-422-03

Dear Mr. Hayes:

This letter outlines Weiss Associates' (WA) proposed Scope of Work (SOW) for a subsurface investigation at the subject Shell Service Station (Figure 1). The objective of the work is to determine if hydrocarbons and/or volatile organic compounds (VOCs) are present in soil and ground water adjacent to the location of a former waste oil tank, and, if water quality is not degraded, to obtain regulatory closure for the excavation associated with the November 1986 removal of the waste oil tank. Presented below are a site history summary and an outline of our proposed SOW.

SITE HISTORY

Shell Oil Company records indicate that a steel 550-gallon waste oil tank was removed from the site in November 1986 by Petroleum Engineering of Santa Rosa, California, and was replaced with a 550-gallon fiberglass tank. The removed steel tank was apparently installed in 1967.

Immediately following the tank removal, Blaine Tech Services of San Jose, California, observed and documented the tank condition and collected soil samples from directly beneath the former tank location at 8 ft depth.[1] After additional excavation, Blaine Tech collected soil samples from depths of 11 ft and 16 ft. The samples from 8 ft and 11 ft contained 196 and 167.4 parts per million (ppm) total oil and grease (TOG), respectively. The sample from 16 ft was not analyzed.

[1] Blaine Tech Services, 1986, Results of soil sampling, Shell Service Station, 1784 150th Avenue, San Leandro, California, consultant's letter report prepared for Shell Oil Company, November 11, 1986, 3 pp. and 2 attachments.

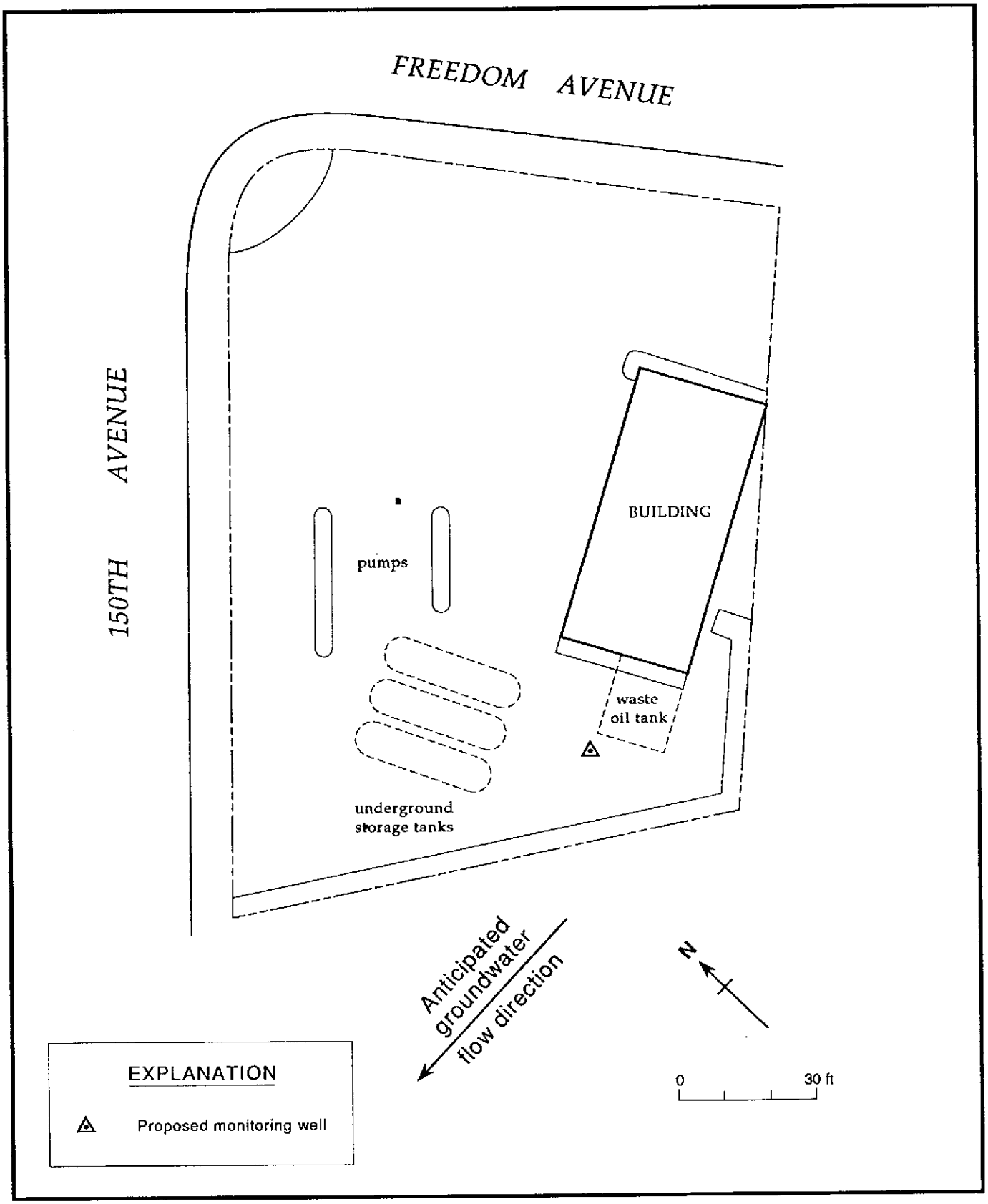

Figure 1. Site Location Map - Shell Service Station, 1784 150th Avenue, San Leandro, California

Observations by the Blaine Tech sampling technician indicated that the tank and exterior wrapping appeared to be in good condition. No ground water was encountered in the tank pit during tank removal or subsequent deepening of the tank excavation.

Backfill and native soil removed during the excavation and rinseate from the tank steam cleaning were taken to Chemical Waste Management, Inc., of Kettleman City, California, for disposal by a California licensed waste hauler. Copies of the hazardous waste manifests for the soil and rinseate are presented as Attachment A.

Since over 100 ppm TOG was detected in soil beneath the former waste oil tank, Shell Oil has retained WA to perform additional subsurface investigation at this site to determine if hydrocarbons or VOCs are in soil and/or ground water downgradient of the waste oil tank.

PROPOSED SCOPE OF WORK

Our proposed SOW for the investigation is to:

1) Review the site history and prepare a site safety plan,

2) Identify wells within one-half mile of the site and prepare a map showing their locations relative to the site,

3) Obtain all permits and drill one on-site soil boring adjacent to the location of the former waste oil tank. Collect soil samples for subsurface hydrogeologic description and for possible chemical analysis,

4) Complete the boring as a 4-inch-diameter ground water monitoring well,

5) Develop the well, collect water samples and analyze the samples for hydrocarbons and VOCs,

6) Review the analytic results for the soil and ground water samples and, based on the analytic results, drill/install additional borings and wells to estimate the horizontal extent of hydrocarbons in soil and ground water on- and offsite,

7) If additional wells are installed, survey top-of-casing elevations of all the wells and verify the ground water gradient beneath the site,

8) Perform an area reconnaissance to locate possible off-site hydrocarbon sources and prepare a map of the surrounding properties and businesses,

9) Arrange for disposal of the drill cuttings and well purge water,

10) Report the subsurface investigation results,

11) Sample ground water quarterly for at least a year,

12) Prepare quarterly status reports, and

13) Recommend additional work to achieve closure of the former tank excavation.

Each of these tasks is described in detail below.

TASK 1 - REVIEW SITE HISTORY AND PREPARE A SITE SAFETY PLAN

Based upon the site history, previous work and analytic results for soil samples collected at the site, WA will prepare a site-specific safety plan. The safety plan will identify potential site hazards and specify procedures to protect site workers and the public.

TASK 2 - AREA WELL SURVEY

An area well survey will be conducted to locate and identify water wells within one-half mile of the site. The survey will consist of reviewing California Department of Water Resources (DWR) and Alameda County records, and visually surveying the site vicinity. The well locations will be shown on a map and the owners and uses of the wells will be tabulated. The results of the survey will be included in the investigation report.

TASK 3 - SOIL BORING AND SOIL CHEMICAL ANALYSIS

We will obtain well construction permits from Alameda County Flood Control and Water Conservation District (Zone 7). Based on the documented regional ground water flow direction

toward the west,[2] the location of site structures and the location of the former waste oil tank excavation, we will drill one soil boring at the proposed location shown on Figure 1. The boring will be located in the anticipated downgradient direction from the former waste oil tank excavation.

The drill cuttings and soil samples will be described and the samples will be screened with a portable photoionization detector (PID). The boring will be continuously cored and logged to total depth to fully characterize the subsurface materials. At least one soil sample will be collected and analyzed from just above the water table.

The samples will be submitted to a Shell-approved state-certified laboratory under chain-of-custody procedures for the following analyses:

- Total petroleum hydrocarbons as gasoline (TPH-G) by modified EPA Method 8015, gas chromatography with flame ionization detection (GC/FID),
- Aromatic hydrocarbons including benzene, ethylbenzene, toluene and xylenes (BETX) by EPA Method 8020, gas chromatography with photoionization detection (GC/PID),
- VOCs by EPA Method 8010, gas chromatography with electrolytic conductivity detection (GC/HALL), and
- TOG by American Public Health Association (APHA) Standard Method 503D and 503E.

The soil sample just above the water table will also be analyzed for:

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

Based on the results of these analyses, we may analyze the samples for additional compounds as per California Regional Water Quality Control Board guidelines.[3]

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2 Alameda County Flood Control and Water Conservation District, 1988, Geohydrology and Groundwater - Quality Overview, East Bay Plain Area, Alameda County, California, 205(J) Report, 83 pp. and 6 appendices.

3 North Coast, San Francisco Bay and Central Valley Regional Water Quality Control boards, June 2, 1988 (revised November 9, 1989), Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, 18 pp.

One composite sample from the boring will be analyzed for TPH-G, BETX, TOG and for total and organic lead to characterize the cuttings for disposal. Flashpoint and soluble lead analyses will be performed if warranted by the earlier results.

Drill cuttings will be stockpiled onsite on plastic sheeting pending analytic results for the composite samples. The stockpile will also be covered with plastic sheeting to prevent possible aeration of volatile compounds. Based on the analytic results, the soil will be transported to an appropriate facility for disposal by a licensed waste hauler, and will be properly tracked and documented.

TASK 4 - GROUND WATER MONITORING WELLS

A ground water monitoring well will be installed in the soil boring. The well will be constructed with 4-inch-diameter, 0.02-inch slotted PVC well screen and blank casing. Number 3 Monterey sand will be placed in the annular space between the casing and the borehole from the bottom of the boring to 1 to 2 ft above the screened interval. About 2 ft of bentonite pellets will separate the sand from the sanitary seal. Cement mixed with 3-5% bentonite powder will be used to prevent infiltration of surface water into the well.

The well will be screened to monitor the first water-bearing zone encountered, and to determine the presence or absence of floating hydrocarbons. If a confining layer is encountered below the first water-bearing zone, its thickness will be confirmed with decreasing-sized split barrel samplers. The sampling hole through the underlying confining layer will be sealed with bentonite pellets.

TASK 5 - WELL DEVELOPMENT, SAMPLING AND GROUND WATER CHEMICAL ANALYSIS

The monitoring well will be developed using at least two episodes of surge block agitation and airlift evacuation, and the flow rate for the well will be estimated. Airlift evacuation will continue until at least ten well casing volumes have been removed, and the water is as free of fine sediments as possible. Ground water removed from the well will be temporarily stored onsite in 55-gallon drums.

Ground water samples will be collected at least 24 hours after the well is developed. Prior to sampling, at least four well casing volumes of ground water will be evacuated using a steam-cleaned PVC bailer. The well will then be allowed to recover to at least 80% of its original water level before sampling. Water samples will be collected with a steam-cleaned Teflon bailer, and will be decanted into 40-ml glass vials, labeled and refrigerated for transport under chain-of-custody to the analytical laboratory. To reduce the possibility of sample contamination during transport or storage, each sample will be sealed in a plastic guard bottle. Chain-of-custody records will be maintained for all samples. Purged ground water will be stored temporarily onsite in 55-gallon drums pending analytic results.

A trip blank will be collected to check for carry-over of VOCs during transport. A bailer blank will also be collected and analyzed as a quality assurance measure.

Ground water samples will be analyzed for:

- TPH-G and D by Modified EPA Method 8015, GC/FID,
- BETX by EPA Method 8020, GC/PID,
- VOCs by EPA Method 601, GC/ECD, and
- TOG by APHA Standard Methods 503A&E.

The results of the above analyses will determine whether analysis for additional compounds is necessary.

Prior to well sampling, an electronic water-oil interface probe and a specially designed product thickness bailer will both be used to measure product thickness in the well if free-floating hydrocarbons are present.

TASK 6 - ADDITIONAL SOIL BORINGS AND/OR GROUND WATER MONITORING WELLS

The analytic results for soil and ground water will be reviewed. Additional soil borings and/or monitoring wells will be recommended as necessary to assess the extent of hydrocarbons in soil and/or ground water beneath and adjacent to the site. All additional wells will be developed and sampled according to the protocol outlined above for the initial-phase well. The soil and ground water samples will be analyzed for TPH-G, BETX, TOG and all other compounds detected during the initial phase of investigation. Analytic results and construction

details for all wells will be presented in the final investigation report once the extent of dissolved hydrocarbons in soil and ground water is adequately defined.

TASK 7 - ELEVATION SURVEY

If additional wells are installed, the top-of-casing elevations of all monitoring wells will be surveyed, relative to mean sea level, by a California licensed land surveyor. Water table elevation data will then be tabulated and a ground water elevation contour map will then be prepared.

TASK 8 - ADJACENT PROPERTY SURVEY

Properties within at least one block of the site will be observed by WA personnel to indicate potential nearby off-site sources of hazardous materials to the subsurface. A map indicating the location and apparent use of the nearby properties will be prepared.

TASK 9 - DISPOSAL

Disposal of the soil cuttings and purged ground water will be determined by the soil and ground water analytic results. All contaminated soil and ground water extracted from the site will be properly tracked and documented.

TASK 10 - SUBSURFACE INVESTIGATION REPORT

A report presenting the results of the investigation will be prepared after WA fully defines the extent of hydrocarbons in soil and ground water. The report will include:

- A summary of the results,
- Site background and history,
- Topographic and geologic setting,

- Site location map,
- Land and ground water use in the vicinity,
- Rationale for well placement and design, and descriptions of well construction, development and sampling,
- Tabulated soil and ground water analytic results, and all data collected during well development, purging and sampling, including estimated flow rate, pH, temperature and electrical conductivity,
- Tabulated ground water elevation data and a water table elevation contour map,
- Conclusions,
- Appendix A: Boring logs
- Appendix B: Chain-of-custody forms, and
- Appendix C: Laboratory Analytic Reports.

TASK 11 - QUARTERLY GROUND WATER SAMPLING

Ground water from the monitoring well will be sampled quarterly for at least one year, including the initial sampling. If additional wells are installed, they will be added to the quarterly monitoring program.

TASK 12 - QUARTERLY REPORTS

WA will prepare status reports every three months which present all available analytic results, analytic reports, and brief summaries of work performed at the site in the previous quarter. The report summarizing activities for the first quarter of 1990 will be submitted to Shell by April 30, 1990.

SCHEDULE

We expect to begin drilling at this site during the first week of March 1990. Well development and initial water sampling will be scheduled for the week following drilling. A comprehensive report presenting the results of the investigation will be prepared when the extent of hydrocarbons in soil and ground water is adequately defined.

Please call Karen Sixt or Joe Theisen if you have questions about our proposed SOW. We appreciate the opportunity to provide hydrogeologic consulting services to Shell Oil, and trust that this proposal meets your needs.

Sincerely,
Weiss Associates

Karen C. Sixt
Staff Geologist

Eric M. Nichols
Senior Water Resources Engineer

KCS/EMN:kw

E:\ALL\SHELL\422L1JA0.WP

Attachment A: Hazardous Waste Manifests for soil and tank rinseate

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

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

ATTACHMENT A
HAZARDOUS WASTE MANIFESTS

HDR-06192 WIC#204-0852-1404-BBD

State of California—Health and Welfare Agency
Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981402365 | Manifest Document No. 000192 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
SHELL OIL COMPANY, P.O. BOX 6249,
CARSON, CA 90749
4. Generator's Phone (213) 816-2037

GENERATING SITE
SHELL STATION
1734 150TH AVE.
SAN LEANDRO, CA 94578

A. State Manifest Document Number: 86205884
B. State Generator's ID:

5. Transporter 1 Company Name: CROSBY & OVERTON, INC
6. US EPA ID Number: CAD981461064
C. State Transporter's ID: 10113
D. Transporter's Phone: 562 432-1464

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
CHEMICAL WASTE MANAGEMENT
35251 OLD SKYLINE RD.
KETTLEMAN CITY, CA 93239
10. US EPA ID Number: CAT000646117
G. State Facility's ID:
H. Facility's Phone: (209) 386 9711

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. HAZARDOUS WASTE,LIQUID,N.O.S., ORM-E, NA9189	01	PIT	P50	G	342
b.					
c.					
d. EXTREMELY HAZARDOUS WASTE PERMIT #2-7352					

J. Additional Descriptions for Materials Listed Above
WATER (48-50%) HALOGENATED ORGANICS (290-300ppm)
OIL (10-12%)
SEDIMENT (30-35%)
TOXIC METALS (TTLC) LEAD 2%, OTHER 1%-(2-3%)

K. Handling Codes for Wastes Listed Above: 9/03

15. Special Handling Instructions and Additional information WEAR GLOVES & GOGGLES. AVOID CONTACT WITH EYES AND AND SKIN. FINAL DISPOSAL TO BE AT CHEMICAL WASTE MANAGEMENT, INC., CAT000646117 CHEMICAL WASTE MANAGEMENT PROFILE SHEET NUMBER E24628.

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.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name: STANLEY J ROLLER | Signature | Month Day Year: 11 [illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RICHARD W. AMBERT | Signature | Month Day Year: 11 [illegible]

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

FACILITY

19. Discrepancy Indication Space
'13a Unable to read quantity on

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: STEVEN TICKELL KT | Signature | Month Day Year: 11 [illegible]

DHS 8022 A (11/85)
(EPA 8700—22)

YELLOW: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency

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

BA533

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C A D 9 8 1 4 0 2 3 6 5 — Manifest Document No. 1 0 0 1 3

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
1784 150TH AVE
SAN LEANDRO, CA 94578

A. State Manifest Document Number: 861627861

B. State Generator's ID:

C. State Generator's Site ID:

5. Transporter 1 Company Name: CROSBY & OVERTON EMI

6. US EPA ID Number: C A D 9 8 1 4 6 1 0 6 4

D. Transporter's Phone: 4

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID:

F. Transporter 2 Phone:

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC
35251 OLD SKYLINE RD
KETTLEMAN CITY, CA 93239

10. US EPA ID Number: C A T 0 0 0 6 4 6 1 1 7

G. State Facility's ID:

H. Facility's Phone:

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. DOT Unregulated Hazardous Waste Solid "California Regulated Waste Only"	001	DT	0016	Y
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED W/WASTE OIL 99.9+%
LEAD-TTLC 68ppm STLC .0056ppm

K. Handling Codes for Wastes Listed Above
A

15. Special Handling Instructions and Additional Information
AVOID CONTACT WITH EYES AND SKIN.
CWM#F56184-022

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.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which I minimizes the present and future threat to human health and the environment.

Printed/Typed Name: STANLEY B. RILLER — Signature — Month Day Year: 10 2 1987

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JON FRASER — Signature — Month Day Year: 10 20 87

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: Danny G. Deming (AT) — Signature — Month Day Year: 10 21 87

GENERATOR

TRANSPORTER

FACILITY

HS 8022 A (1/85)
PA 8700—22)

YELLOW: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

State of California—Health and Welfare Agency
Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

B4533

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981402365 Manifest Document No. 10013
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
1784 150TH AVE
SAN LEANDRO, CA 94578

A. State Manifest Document Number: 86102670
B. State Generator's ID:
C. State Transporter's ID:
D. Transporter's Phone:
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone:

5. Transporter 1 Company Name: CROSBY & OVERTON EMI
6. US EPA ID Number: CAD981461064
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC
35251 OLD SKYLINE RD
KETTLEMAN CITY, CA 93239
10. US EPA ID Number: CAT000646117

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. DOT Unregulated Hazardous Waste Solid "California Regulated Waste Only"	001	DT	0001 2	Y
b.				
c.				
d.				

J. Additional Descriptions for Materials Listed Above
SOIL CONTAMINATED W/WASTE OIL 99.9%
LEAD-TTLC .68ppm STLC .005ppm

K. Handling Codes for Wastes Listed Above
D5

15. Special Handling Instructions and Additional Information
AVOID CONTACT WITH EYES AND SKIN.
CWM#F56184-022

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.
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3092(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name: STANLEY J. ROLLER
Signature: Stanley Roller
Month Day Year: 10 21 87

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JONI FRASER
Signature: Joni Fraser
Month Day Year: 10 21 87

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAMON BELLONI
Signature: Damon Belloni
Month Day Year: 10 21 87

TRANSPORTER

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: Danny G Domingo RN
Signature:
Month Day Year: 10 21 87

FACILITY

DHS 8022 A (11/85)
(EPA 8700—22)

YELLOW: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

S/C NO. MCH-73809 REL NO. MCH-10028 DS-S/O NO. MCH-3198 REL NO. MCH-10028
C/LOC. NO. 204-6852-1404-EB /ACCOUNT NO. AFE#686472/3982 /REQUISITIONER: STAN ROLLER

State of California—Health and Welfare Agency

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

BR 654

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C|A|D|9|3|1|4|0|2|3|5|5 — Manifest Document No. 1|0|2|3

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 1784 San Leandro
SHELL STATION
150

4. Generator's Phone (213) 916-2037

GENERATOR COPY
Return To Generator

A. State Manifest Document Number 86350851

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

5. Transporter 1 Company Name
CROSBY & OVERTON EMI

6. US EPA ID Number C|A|D|9|8|1|4|5|1|0|5|1

C. State Transporter's ID

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
CASMALIA RESOURCES
NIU ROAD
CASMALIA, CA 93429

10. US EPA ID Number C|A|D|0|2|0|7|4|8|1|2|5

G. State Facility's ID

H. Facility's Phone 805/937-8449

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. Hazardous waste, solid, n.o.s., ORM-E, NA9189	0|0|5	D|M	2700	P	223, D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
WASTE OIL SLUDGE/VERMICULITE/ASSOCIATED DEBRIS 99.99+%
ORGANIC LEAD < 50ppm

K. Handling Codes for Wastes Listed Above
U3

15. Special Handling Instructions and Additional Information
WEAR GLOVES & GOGGLES. AVOID CONTACT WITH EYES AND SKIN.

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.
Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002(b) of RCRA, I also certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name	Signature	Month Day Year
[illegible]		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
[illegible]		

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

FACILITY

19. Discrepancy Indication Space
[illegible]

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
[illegible]	[illegible]	

DHS 8022 A (11/85)
(EPA 8700—22)

YELLOW: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS