

5500 Shellmound Street, Emeryville, CA 94608-2411

Fax: 510-547-5043 Phone: 510-450-6000

August 17, 1993

Jennifer Eberle Alameda County Department of Environmental Health 80 Swan Way Oakland, CA 94621



Re: Tank Excavation Sampling Shell Service Station 510 East 14th Street Oakland, California WIC #204-5508-6007 WA Job #81-421-09

#### Dear Ms Eberle:

On behalf of Shell Oil Company, Weiss Associates (WA) is presenting the results of the March 30, 1993 tank removal and sampling activities at the Shell service station referenced above (Figure 1). The objectives of the work were to document the removal and condition of one 550-gallon underground waste oil storage tank (UST), and to assess whether hydrocarbons were in soil beneath the tank. The soil sampling and tank documentation were conducted in accordance with the California Administrative Code, Title 23, Chapter 3, Subchapter 16, UST and piping closure regulations, and Alameda County closure regulations. Our scope of work and the tank removal sampling results are presented below.

#### SCOPE OF WORK

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

- Observe the removal of the tank:
- Inspect and document the condition of the tank;
- Collect soil samples from the tank excavation;



- Analyze the soil samples for total petroleum hydrocarbons as gasoline (TPH-G), and as diesel (TPH-D), petroleum oil and grease (POG), and benzene, ethylbenzene, toluene and total xylenes (BETX);
- Backfill the excavation with clean fill, and
- Report the results.

BACKGROUND

Site Setting

Location:

The site is located at the corner of East 14th street and 5th Avenue in Oakland, California (Figure 1).

Surroundings:

Mixed commercial and residential.

Excavation and Sampling Results

Parties Present:

WA geologist Jonathan Weingast and Alameda County Department of Environmental Health (ACDEH) inspector Jennifer Eberle were present during the tank removal.

Excavation Dates:

On March 30, 1993, one 550-gallon waste oil tank was removed with a backhoe.

Tank Condition:

No holes or leaks were observed in the waste oil tank.

Maximum Excavation Depth:

6.5 ft

Excavation Observations:

No hydrocarbon stained soil was observed in the tank excavation walls or floor.

Sediments Encountered:

Clayey to sandy silts.

Ground Water Depth:

Ground water was not encountered in the excavation.

Soil Sampling Method:

Samples were collected by driving 2-in diameter stainless steel tubes into soil collected from a backhoe bucket. The tubes were immediately sealed with Teflon sheeting, plastic caps and Teflon tape, and refrigerated for transport to Anametrix, Inc., in San Jose, a state-certified laboratory.

Number of Samples:

Two soil samples, T-1 and T-2, were collected from the floor of the excavation and analyzed (Figure 2).

Analytic Method for Soil:

The soil samples from the excavation floor were analyzed for TPH-G and TPH-D by Modified EPA Method 8015, BETX by EPA Method 8020 and POG by EPA Method 5520 E&F.

Soil Analytical Results:

No TPH-G, TPH-D, POG or BETX were detected in either soil sample.

Waste Disposal:

The excavated tank was transported by Erickson Engineering Inc. to their facility in Richmond, California. A copy of the tank transportation manifest is included in attachment B. Since no hydrocarbons were detected in a composite soil sample collected from the excavation stockpile, the soil was used to backfill the excavation after approval from the ACDEH<sup>1</sup>.

<sup>&</sup>lt;sup>1</sup> Telephone conversation between Jennifer Eberle of the Alameda County Department of Environmental Health and Eric Anderson of Weiss Associates on March 31, 1993.

Jennifer Eberle August 17, 1993



#### CONCLUSIONS

Since no holes were observed in the removed waste oil tank and since no hydrocarbons were observed in soil or detected in the soil samples, no hydrocarbons appear to have been released from the waste oil tank. Therefore, on behalf of Shell Oil Company, WA would like to request case closure for the waste oil tank. We believe waste oil tank closure is applicable since there is no evidence that hydrocarbons were ever released from the waste oil tank.

We appreciate the opportunity to provide hydrogeologic consulting services on behalf of Shell Oil Company. Please call if you have any questions or comments.



Sincerely,

Weiss Associates

Eric W. Anderson Senior Staff Geologist

N. Scott MacLeod, R.G. Project Geologist

JCW/EWA:jcw

J:\HC-ENG\SHELL\OAK-421\421R1JN3.WP

Attachments:

Figures

Table

A - Analytic Results
B - Tank Manifest

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California, 94520-9998

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

FIGURES -



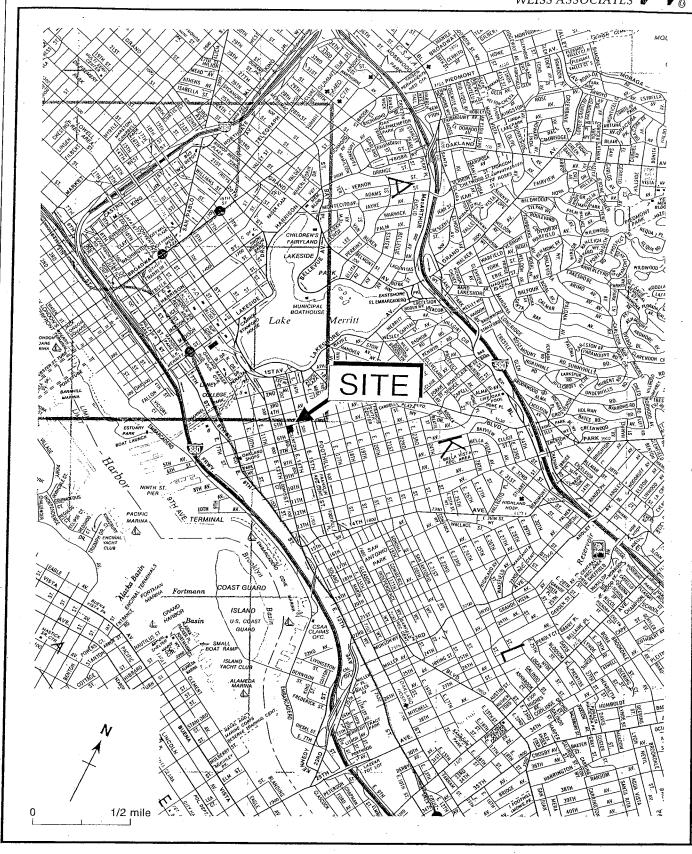


Figure 1. Site Location Map - Shell Service Station WIC# 204-5508-6007, 510 East 14th Street, Oakland, California

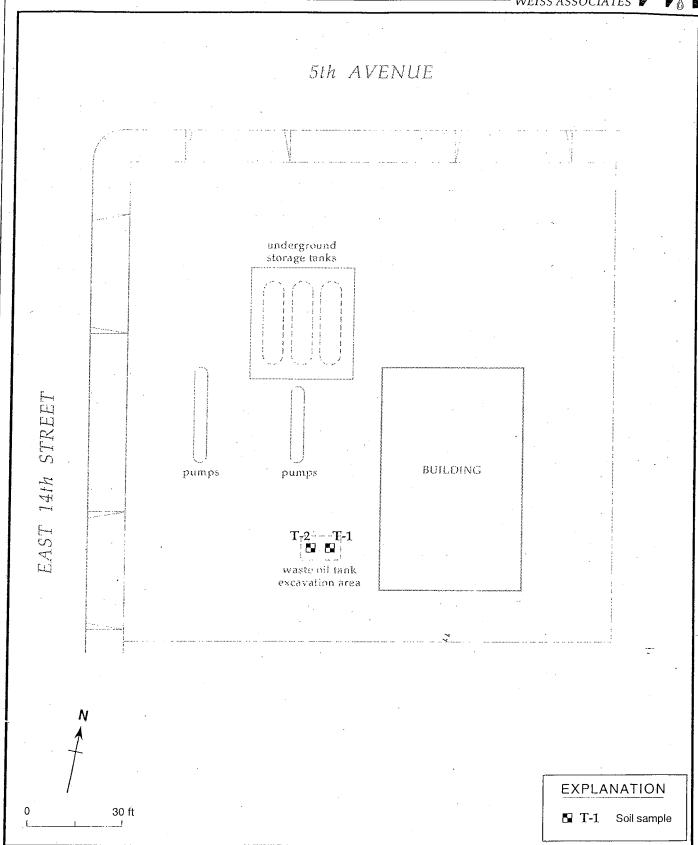


Figure 2. Soil Sample Locations - Shell Service Station WIC# 204-5508-6007, 510 East 14th Street, Oakland, California

**TABLES** 

Sample ID	Date	Approximate Depth (ft)	TPH-G	TPH-D	B	E per million (	T	X	Oil & Grease
Waste Oil Tan	<u>k</u>	,			pui ta	per mittion (	iig/kg/		>
T-1 T-2	03/30/93 03/30/93	7.5 7.5	<0.5 <0.5	<10 <10	<0.005 <0.005	<0.005 <0.005	<0.005 <0.005	<0.005 <0.005	<30 <30
laste Oil Tan	k Stockpile						•		
C-1-4	03/30/93		<0.5	<10	<0.005	<0.005	<0.005	<0.005	<30

#### Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method

TPH-D = Total petroleum hydrocarbons as diesel by Modified EPA Method 8015

B = Benzene by EPA Method 820

E = Ethylbenzene by EPA Method 8020

T = Toluene by EPA Method 8020

X = Xylenes by EPA Method 8020

Oil & Grease by EPA Method 5520E,F

#### Analytical Laboratory:

All samples analyzed by Anametrix, Inc., of San Jose, California

#### Notes:

--- = Not applicable

ATTACHMENT A
ANALYTICAL RESULTS

### **Environmental & Analytical Chemistry**

#### Part of Inchcape Environmental



MR. ERIC ANDERSON WEISS ASSOC./SHELL OIL 5500 SHELLMOUND STREET EMERYVILLE, CA 94608

Workorder # : 9303384 Date Received: 03/31/93

Project ID : 204-5508-6007

Purchase Order: MOH-B813

The following samples were received at Anametrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9303384- 1	C1,2,3,4
9303384- 2	T-1
9303384- 3	T-2
9303384- 4	T-3
9303384- 5	T-4
9303384- 6	T-5
9303384- 7	T-6

This report consists of 11 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anametrix.

Laboratory Director

#### REPORT SUMMARY ANAMETRIX, INC. (408)432-8192

MR. ERIC ANDERSON WEISS ASSOC./SHELL OIL 5500 SHELLMOUND STREET EMERYVILLE, CA 94608

Workorder # : 9303384
Date Received : 03/31/93
Project ID : 204-5508-6007
Purchase Order: MOH-B813
Department : GC

Sub-Department: TPH

#### SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303384- 1	C1,2,3,4	SOIL	03/30/93	TPHd
9303384- 2	T-1	SOIL	03/30/93	TPHd
9303384- 3	T-2	SOIL	03/30/93	TPHd
9303384- 1	C1,2,3,4	SOIL	03/30/93	TPHg/BTEX
9303384- 2	T-1	SOIL	03/30/93	TPHg/BTEX
9303384- 3	T-2	SOIL	03/30/93	TPHg/BTEX

## REPORT SUMMARY ANAMETRIX, INC. (408)432-8192

MR. ERIC ANDERSON WEISS ASSOC./SHELL OIL 5500 SHELLMOUND STREET EMERYVILLE, CA 94608 Workorder # : 9303384 Date Received : 03/31/93

Project ID : 204-5508-6007

Purchase Order: MOH-B813

Department : GC Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Charles 4/7/53
Department Supervisor Date

Regale Damson 4/7/93
Chemist Date

#### ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS (GASOLINE WITH BTEX) ANAMETRIX, INC. - (408) 432-8192

Anametrix W.O.: 9303384

Project Number : 204-5508-6007 Date Released : 04/05/93

Matrix : SOIL

Date Sampled: 03/30/93

	Reporting Limit	Sample I.D.# C1,2,3,4	Sample I.D.# T-1	Sample I.D.# T-2	Sample I.D.# BA0101E3	
COMPOUNDS	(mg/Kg)	-01	-02	-03	BLANK	
Benzene Toluene Ethylbenzene Total Xylenes TPH as Gasoline	0.005 0.005 0.005 0.005 0.5	ND ND ND ND ND	ND ND ND ND	ND ND ND ND ND	ND ND ND ND ND	
<pre>% Surrogate Reco Instrument I.I Date Analyzed RLMF</pre>		75% HP21 04/01/93 1	85% HP21 04/01/93 1	85% HP21 04/01/93	106% HP21 04/01/93	

ND - Not detected at or above the practical quantitation limit for the method.

TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.

RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

#### ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.: 9303384

Project Number: 204-5508-6007

Matrix : SOIL Date Released : 04/05/93

Date Sampled: 03/30/93

Instrument I.D.: HP23

Date Extracted: 04/01/93

_	Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
	9303384-01	C1,2,3,4	04/01/93	10	ND
	9303384-02	T-1	04/01/93	10	ND
	9303384-03	T-2	04/01/93	1.0.	ND
	DSBL040193	METHOD BLANK	04/01/93	10	ND

Note: Reporting limit is obtained by multiplying the dilution factor times 10 mg/Kg.

ND - Not detected at or above the practical quantitation limit for

the method.

TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3550.

> All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

#### TOTAL VOLATILE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT EPA METHOD 5030 WITH GC/FID ANAMETRIX, INC. (408) 432-8192

Sample I.D. : LAB CONTROL SAMPLE

Matrix : WATER

Date Sampled : N/A

Date Analyzed: 04/01/93

Anametrix I.D.: LCSW0401

Analyst : Ry
Supervisor : 7
Date Released : 04/02/93
Instrument I.D.: HP21

COMPOUND	SPIKE AMT. (ug/L)	REC LCS (ug/L)	%REC LCS	% REC LIMITS
GASOLINE	375	457	122%	67-127
p-BFB	4.		91%	61-139

<sup>\*</sup> Quality control established by Anametrix, Inc.

# TOTAL EXTRACTABLE HYDROCARBON LABORATORY CONTROL SAMPLE REPORT EPA METHOD 3550 WITH GC/FID ANAMETRIX, INC. (408) 432-8192

Sample I.D. : LAB CONTROL SAMPLE

Anametrix I.D.: LCSS0401

Matrix : SOIL Date Sampled : N/A

Analyst : p? Supervisor : :

Date Extracted: 04/01/93

Date Released: 04/07/93

Date Analyzed: 04/05/93

Instrument I.D.: HP9

COMPOUND	SPIKE AMT (mg/Kg)	REC LCS (mg/Kg)	% REC LCS	% REC LIMITS
Diesel	125	99	79%	72-143

<sup>\*</sup>Limits established by Anametrix, Inc.

#### REPORT SUMMARY ANAMETRIX, INC. (408)432-8192

MR. ERIC ANDERSON WEISS ASSOC./SHELL OIL 5500 SHELLMOUND STREET EMERYVILLE, CA 94608 Workorder # : 9303384 Date Received: 03/31/93
Project ID: 204-5508-6007
Purchase Order: MOH-B813

Department : PREP

Sub-Department: PREP

#### SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303384- 1	C1,2,3,4	SOIL	03/30/93	5520EF
9303384- 2	T-1	SOIL	03/30/93	5520EF
9303384- 3	T-2	SOIL	03/30/93	5520EF

#### REPORT SUMMARY ANAMETRIX, INC. (408)432-8192

MR. ERIC ANDERSON WEISS ASSOC./SHELL OIL 5500 SHELLMOUND STREET EMERYVILLE, CA 94608

Workorder # : 9303384

Date Received : 03/31/93

Project ID : 204-5508-6007

Purchase Order: MOH-B813

Department : PREP Sub-Department: PREP

#### QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

## ANALYSIS DATA SHEET - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS ANAMETRIX, INC. (408) 432-8192

Date analyzed: 04/07/93

  Workorder #	Sample I.D.	,	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9303384-01	C1,2,3,4		30	ND
9303384-02	T-1		30	ND
9303384-03	T-2		30	ND
BA06H1W9	METHOD BLANK	,	30	ND

ND - Not detected at or above the practical quantitation limit for the method.

TRPH - Total Recoverable Petroleum Hydrocarbons are determined by - Standard Method 5520EF.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

#### TOTAL RECOVERABLE PETROLEUM HYDROCARBONS MATRIX SPIKE REPORT STANDARD METHOD 5520EF ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 204-5508-6007,T-1 Anametrix I.D.: HMM38402

Analyst

Matrix : SOIL
Date sampled : 03/30/93
Date extracted : 04/06/93
Date analyzed : 04/07/93

Supervisor : (M)
Date Released : 04/08/93

COMPOUND	SPIKE AMT (mg/Kg)	SAMPLE CONC (mg/Kg)	MS AMT (mg/Kg)	%REC MS	MD AMT (mg/Kg)	%REC MD	%RPD	% REC LIMITS	
Motor Oil	300	7	300	98%	310	101%	3%	48-114%	

Quality control limits established by Anametrix, Inc.

#### TOTAL RECOVERABLE PETROLEUM HYDROCARBONS LAB CONTROL SAMPLE REPORT STANDARD METHOD 5520EF ANAMETRIX, INC. (408) 432-8192

: LAB CONTROL SAMPLE Sample I.D.

Anametrix I.D.: MA06H1W9

Matrix : SOIL Date sampled : N/A

Analyst

Date extracted: 04/06/93 Date analyzed : 04/07/93

Supervisor : C/W Date Released : 04/08/93

COMPOUND	SPIKE AMT. (mg/Kg)	LCS (mg/Kg)	%REC LCS	%REC LIMITS
Motor Oil	300	270	90%	68-113%

Quality control established by Anametrix, Inc.

ATTACHMENT B

TANK MANIFEST

State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-94)

51664

See Instructions on back of page 6.

Department of Toxic Substances Contro

UNICOM HAZARDOS  J. Generator's Flores and Analogy Address  OFFICE AND ANALOGY  A Generator's Planes in the Analogy Address  OFFICE AND ANALOGY  A Generator's Planes in the Analogy Address  D. G. S. P. J. S. P.	PI	C A	print or type. Form designed for use on elite (12-pitc	Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Sacramento, California Information in the shaded areas
TO THE PROPERTY STATE OF A CONTROL OF THE PROPERTY OF THE PROP		Î			1	3	
4. Generotor's Player (1.3 1995; 19). Let 1995; 19. Let 19			3. Generator's Name and Mailing Address	OMELL UIL CUMPERS			Number
7. Transporter 2 Company Name 6. US EPA ID Number 9. Osegopand Facility Name and sine Address 10. US EPA ID Number 11. US DOC Description (probefore) Proper Shipping Name, Hazard Class, and ID Number) 11. US DOC Description (probefore) Proper Shipping Name, Hazard Class, and ID Number) 12. Special Routing Introduction (Proper Shipping Name, Hazard Class, and ID Number) 13. Special Routing Introduction (Proper Shipping Name, Hazard Class, and ID Number) 15. Special Routing Introduction and Additional Information 15. Special Routing Introduction and Additional Information 16. SPECIAL TY A 24. NDUR EMPRIENCY PRICING NUMBER (SIGN) - 424—9,354d 25. SPECIAL TY A 25. SPECIAL TY A 26. SPECIAL TY A 26. SPECIAL TY A 26. SPECIAL TY A 27. Transporter 2 Company Name 28. Transporter 1 Advanced and are in all respects in proper controlled for training and transport for training and trans	550				1681		32U4/42/
7. Transporter 2 Company Name  8. US EPA ID Number  9. Dissignated Facility Name and Sim Address  10. US EPA ID Number  11. US DOT Description (including Pager Shipping Name, Issaed Class, and ID Number)  11. US DOT Description (including Pager Shipping Name, Issaed Class, and ID Number)  12. Contains  13. Special flowing instructions and Address of the Contains o	52-7		4. Generator's Phone ( 1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			and the second second	
7. Transporter 2 Company Name  8. US EPA ID Number  9. Dissignated Facility Name and Sim Address  10. US EPA ID Number  11. US DOT Description (including Pager Shipping Name, Issaed Class, and ID Number)  11. US DOT Description (including Pager Shipping Name, Issaed Class, and ID Number)  12. Contains  13. Special flowing instructions and Address of the Contains o	8-0		, a		C. State T	ransporter's ID	3/0520 17
7. Transporter 2 Company Name  8. US EPA ID Number  9. Designated Facility Name and Six Address  10. US EPA ID Number  11. US DOT Description (including Paper Shipping Name, Israed Class, and ID Number)  11. US DOT Description (including Paper Shipping Name, Israed Class, and ID Number)  12. Enter 11. US DOT Description (including Paper Shipping Name, Israed Class, and ID Number)  13. Special transfer (including Paper Shipping Name, Israed Class, and ID Number)  14. Explain State S	1-80		CRESSES & BOOK LINE CONT.		D. Transpo	orter's Phone	
9. Designated Facility Norws and Site Address 10. U. B. FAA D Number 27. Link 19.6. 28. Did R. G. C. A. D. D. O. J. S. C. A. D. D. D. S. C. A. D. D. D. J. S. C. D.			7. Transporter 2 Company Name	8. US EPA ID Number	E. State To	ansporter's ID'	
BY DOUBLE THE STATE OF THE STAT							
DOUGHT THE DESCRIPTION OF THE STATE OF THE S	<u>~</u> ₹			10. US EPA ID Number	G. State F	acility's ID	
DOUGHT THE DESCRIPTION OF THE STATE OF THE S	J <sub>®</sub>			C 自 () 负 () () ()	4 1 2 2 2 2	DO OHA	106215
DOUGHT THE DESCRIPTION OF THE STATE OF THE S	THY THY		1			STIONE	
BY DOUBLE BY A C.  If I can be large standly generator. I carlify that I have a greater in place to reduce the values and subtide below by proper disposition and are in all respects in proper condition for trainport by highway according to applicable below. Property design and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator. I carlify that I have a greater in place to reduce the values and subdicts on an eith relimination and that can be applied believed. State and international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an either international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and adjusted to the edgers. I have determined to be unusually of wests appeared on the depart and fature where the present and fature.  If I can be large standly generator, I have an experiment of the values and adjusted to the edgers. I have a described to the edgers of the continuents are appeared to the edgers. I have a greater in place to reduce the values and adjusted to the edgers. I have a greater in proper conditions.  If I can be large standly generator, I have an experiment of the continuents are appeared to the edgers. I have an experiment of the continuents are appeared to the edgers of the continuents are appeared to the edgers. I have a greater in proper condition of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are ap			11. US DOT Description (including Proper Shippi	ing Name, Hazard Class, and ID Number)		1	
BY DOUBLE BY A C.  If I can be large standly generator. I carlify that I have a greater in place to reduce the values and subtide below by proper disposition and are in all respects in proper condition for trainport by highway according to applicable below. Property design and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator. I carlify that I have a greater in place to reduce the values and subdicts on an eith relimination and that can be applied believed. State and international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an either international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and adjusted to the edgers. I have determined to be unusually of wests appeared on the depart and fature where the present and fature.  If I can be large standly generator, I have an experiment of the values and adjusted to the edgers. I have a described to the edgers of the continuents are appeared to the edgers. I have a greater in place to reduce the values and adjusted to the edgers. I have a greater in proper conditions.  If I can be large standly generator, I have an experiment of the continuents are appeared to the edgers. I have an experiment of the continuents are appeared to the edgers of the continuents are appeared to the edgers. I have a greater in proper condition of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are ap	洼		a.	20, 312 WH. 8 114	140. Type	Quality	State
BY DOUBLE BY A C.  If I can be large standly generator. I carlify that I have a greater in place to reduce the values and subtide below by proper disposition and are in all respects in proper condition for trainport by highway according to applicable below. Property design and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly and are in all respects in proper condition for trainport by highway according to applicable below. If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator, I carlify that I have a greater in place to reduce the values and subdicts on an eith interminent to be unusually generator. I carlify that I have a greater in place to reduce the values and subdicts on an eith relimination and that can be applied believed. State and international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and subdicts on an either international laws.  If I can be large standly generator, I carlify that I have a greater in place to reduce the values and adjusted to the edgers. I have determined to be unusually of wests appeared on the depart and fature where the present and fature.  If I can be large standly generator, I have an experiment of the values and adjusted to the edgers. I have a described to the edgers of the continuents are appeared to the edgers. I have a greater in place to reduce the values and adjusted to the edgers. I have a greater in proper conditions.  If I can be large standly generator, I have an experiment of the continuents are appeared to the edgers. I have an experiment of the continuents are appeared to the edgers of the continuents are appeared to the edgers. I have a greater in proper condition of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are appeared to the edgers of the continuents are ap	5≥	G	, ;	,	6 6 1 1 1	0 0 5 5 6	EPA/Other was
The special Handling Instructions and Additional Information  PALLITY  15. Special Handling Instructions and Additional Information  PALILITY  16. Special Handling Instructions and Additional Information  PALILITY  17. For Palific I Handling Instructions and Additional Information  PALIFIC I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information Information Information Information  PALIFIC I HANDLING I HANDLING INFORMATION	302	Ε	b.				State #
The special Handling Instructions and Additional Information  PALLITY  15. Special Handling Instructions and Additional Information  PALILITY  16. Special Handling Instructions and Additional Information  PALILITY  17. For Palific I Handling Instructions and Additional Information  PALIFIC I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information Information Information Information  PALIFIC I HANDLING I HANDLING INFORMATION	4-88	Ε					estickers as a second
The special Handling Instructions and Additional Information  PALLITY  15. Special Handling Instructions and Additional Information  PALILITY  16. Special Handling Instructions and Additional Information  PALILITY  17. For Palific I Handling Instructions and Additional Information  PALIFIC I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information Information Information Information  PALIFIC I HANDLING I HANDLING INFORMATION	0-42	Α					
The special Handling Instructions and Additional Information  PALLITY  15. Special Handling Instructions and Additional Information  PALILITY  16. Special Handling Instructions and Additional Information  PALILITY  17. For Palific I Handling Instructions and Additional Information  PALIFIC I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information  PALIFIC I HANDLING I Handling Instructions and Additional Information Information Information Information Information Information  PALIFIC I HANDLING I HANDLING INFORMATION	8		c.				Stofe Store
THE SECOND SEPTIMENT ACTION AND ADDRESS OF THE SECOND SECOND SERVICE STATION  15. Special Handling Instructions and Additional Information  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for trainport by highway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for trainport by highway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper to philipway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately available to me and are classified, packed, marked, and lobeled, and are in all respects in proper to philipway according to applicable federal, state and international laws.  17. Transporter 1 Acknowledgement of Receipt of Markerials  18. Transporter 1 Acknowledgement of Receipt of Markerials  19. Discrepancy Indication Space	<u>بر</u>	R		,			EPA/Other.
THE SECOND SEPTIMENT ACTION AND ADDRESS OF THE SECOND SECOND SERVICE STATION  15. Special Handling Instructions and Additional Information  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for trainport by highway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for trainport by highway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper to philipway according to applicable federal, state and international laws.  16. SENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately available to me and are classified, packed, marked, and lobeled, and are in all respects in proper to philipway according to applicable federal, state and international laws.  17. Transporter 1 Acknowledgement of Receipt of Markerials  18. Transporter 1 Acknowledgement of Receipt of Markerials  19. Discrepancy Indication Space	Z		· d.				Srore
15. Special Handling Instructions and Additional Information  PROID CONTRCT HITM EYES/SKIN  24. HOUR EMERIENCY SHOWE NUMBER (800) 424-9300 STORE FOURTEENTH STREET  OAKLAND, CA. 94606  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurretely described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 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 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 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 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment IO, Rill Lam a small quantity generator, I have made a good faith effort to minimize the present and future threat to human health and the environment IO, Rill Lam	ſ	Ì					EPA/Other
15. Special Handling Instructions and Additional Information  PROID CONTRCT HITM EYES/SKIN  24. HOUR EMERIENCY SHOWE NUMBER (800) 424-9300 STORE FOURTEENTH STREET  OAKLAND, CA. 94606  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurretely described above by proper shipping name and are classified, packed, marked, and lobeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 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 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 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 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment IO, Rill Lam a small quantity generator, I have made a good faith effort to minimize the present and future threat to human health and the environment IO, Rill Lam	SS	1.	U Adduonal Descriptions for Majerials Listed Ab	ove u	and Ku Handling	Codes for Waste	Lised Above Mark St.
15. Special Handling Instructions and Additional Information PROTO CONTRCT WITH EYES/SKIN 24. HOUR EMERSENCY SHOWE NUMBER (800) 424-9.300 SERVICE STATION 25. FOURTEENTH STREET ORKLAND, CA. 94605  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurretly 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 federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposit currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize the present and future waste management method that is available to me and that I can afford.  Printed/Typed Name  Signature  Whanth Day Year  19. Discrepancy Indication Space  Month Day Year  19. Discrepancy Indication Space  Month Day Year  19. Discrepancy Indication Space  Month Day Year  19. Discrepancy Indication Space	SPC				4		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for trainsport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposit currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  17. Transporter 1. Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year			BURE TO THE		<u> 2009</u>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for trainsport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposit currently available to me which minimizes the present and future threat to human health and the environment) OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  17. Transporter 1. Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year	Ž						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and occurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for trainsport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposit currently available to me which minimizes the present and future threat to human health and the environment) OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  17. Transporter 1. Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year	읩		La constant de la con			TAT TON	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year  19. Printed/Typed Name  Signature  Month Day Year			f , .	* * ,			STREET
packed, marked, and lobeled, and are in all respects in proper condition for trainsport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I 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 that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  Signature  Nonth  Day  Year  17. Transporter I Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Nonth  Day  Year  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Nonth  Day  Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  19. Discrepancy Indication of receipt of hazardous materials covered by this manifest except as noted in Item 19.  Printed/Typed Name  Signature  Month  Day  Year  Printed/Typed Name  Signature  Month  Day  Year  19. Printed/Typed Name  Signature  Month  Day  Year  Printed/Typed Name  Signature  Month  Day  Year	뿔				CAKLAND, I	CA. 9460	5
If 1 am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree 1 have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can offord.  Printed/Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  19. Discrepancy Indication Space  19. Discrepancy Indication Space  19. Discrepancy Indication of receipt of hazardous materials covered by this manifest except as noted in Item 19.  Printed/Typed Name  Signature  Month Day Year  19. Printed/Typed Name  Signature  19. Month Day Year  19. Printed/Typed Name  Signature  19. Month Day Year  19. Printed/Typed Name  Signature  19. Month Day Year	1						
economically practicable and that I have selected the practicable method of treatment, storage, or disposition currently available to me which minimizes the present and führre thereat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.  Printed/Typed Name  Signature  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  19. Discrepancy Indication Space  19. Discrepancy Indication Space  19. Printed/Typed Name  Signature  19. Discrepancy Indication Space  19. Printed/Typed Name  Signature  Month  Day  Year	i						•
waste management method that is available to me and that I can afford.  Printed/Typed Name  Signature  17. Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month  Day Year  Month  Day Year  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Month  Day Year  19. Discrepancy Indication Space  19. Discrepancy Indication Space  19. 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  Month  Day Year  Signature  Month  Day Year	긢		economically practicable and that I have sele	ected the practicable method of treatment, stor	age, or disposal currently availa	able to me which r	minimizes the present and future
To Transporter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  18. Transporter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  19. Discrepancy Indication Space  19. Discrepancy Ind	- 1				ve made a good taith effort to	minimize my waste	
Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  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  Signature  Month Day Year	- 1	$\downarrow$	Printed/Typed Name	Signature	51	ALL GIL CO	
Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  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  Signature  Month Day Year	깕	TR				<u></u>	
T Printed/Typed Name Signature Month Day Year  Y F A Z C	RG.	A N S	Printed/Typed Name	Signature	11 / Cana	th.	Month Day Year
Printed/Typed Name  Signature  Month Day Year  19. Discrepancy Indication Space  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  Signature  Month Day Year	EME	0			April 18 Carlot	· Francisco	1 Sendo lime transit in the send
19. Discrepancy Indication Space  Z L L 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			Printed/Typed Name	Signature			Month Day Year
Z C I	ᇙ	-	19. Discrepancy Indication Space				<u> </u>
Z   C   I   20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  T   Printed/Typed Name   Signature   Month   Day   Year	٥ ا	FA	A			,	
T Printed/Typed Name Sigqature Month Day Year	Z						**
1 organis		L			anifest except as noted in Item 1	9.	
TAMIN SAM MIZIZINGR		٠	TAIL An	Signature	77)		Month Day Year
2045500660067+39366 JO DO NOT WRITE BELOW THIS LINE.	L		20455486087+3956 JU	DO NOT WRITE RELOV	V THIS LINE		0121011