DEPARTMENT OF TRANSPORTATION

BOX 23660 OAKLAND, CA 94623-0660 (510) 286-4444 TDD (510) 286-4454



June 21, 1995

Mr. Barney M. Chan Hazardous Material Specialist Alameda County Health Care Services Agency UST Local Oversight Program 1131 Harbor Bay Parkway Alameda, CA 94502

Subject:

Tank Removal Report for 555 Hegenberger Road, Oakland, California,

Former Caltrans Facility

Dear Mr. Chan:

Enclosed is a copy of the December 1994 Tank Removal Report, Caltrans Oakland, Oakland California.

Please contact Ronald Dong at (510) 286-5631 if there are any questions.

Sincerely,

JOE BROWNE District Director

. By:

TIMIR MEHTA, Acting Chief Office of Environmental Engineering

Enclosure

TANK REMOVAL REPORT CALTRANS OAKLAND OAKLAND, CALIFORNIA

DECEMBER, 1994

Prepared by:

GHH Engineering, Inc. 8084 Old Auburn Road, Suite E Citrus Heights, California 95610

Prepared for:

California Department of Transportation
District 4
P.O. Box 23660
Oakland, California 94623-0660

TABLE OF CONTENTS

SCOPE OF WORK		1
TANK REMOVAL		1
SITE INVESTIGAT	NON	2
CONCLUSION	· · · · · · · · · · · · · · · · · · ·	2
PREPARATION O	F REPORT	3
FIGURES		
Figure 1	Site Location Map	
Figure 2	Site Plan	
Figure 3	Sampling Locations	
TABLES		
Tables 1	Soil Analytical Data	
Tables 2	Soil Analytical Data	
APPENDICES		
Appendix A	Destruction and Waste Certificates	
Appendix B	Analytical Reports	
Appendix C	Soil Disposal Non-hazardous Manifests	

December 22, 1994

Mr. Barney Chan Alameda County Environmental Health Department 1131 Harbor Park Way, Room #250 Alameda, California 94502

SUBJECT: TANK REMOVAL AND SOIL DISPOSAL REPORT OAKLAND MAINTENANCE STATION OAKLAND, CALIFORNIA

Dear Mr. Chan:

This report contains a summary of work completed to date at the California Department of Transportation (Caltrans) maintenance facility located in Oakland, California, as shown on Figures 1 and 2, per Contract No. 56S067 and Work Order No. 04-56S067-14.

SCOPE OF WORK

The scope of work included the excavation, removal and disposal of two (2) 2,000-gallon steel diesel underground storage tanks (USTs); two (2) 6,500-gallon steel gasoline USTs; the disposal of all associated piping and residual product; and the disposal of approximately 393-tons (280 cubic yards) of petroleum impacted soil.

TANK REMOVAL

On September 19, 1994, site work was initiated to prepare the tanks for removal. The work was completed in accordance with our workplan dated August 19, 1994. The tanks were pumped of what appeared to be water with some residual product on September 21, 1994 by Evergreen Environmental, Inc. (Evergreen) of San Francisco, California.

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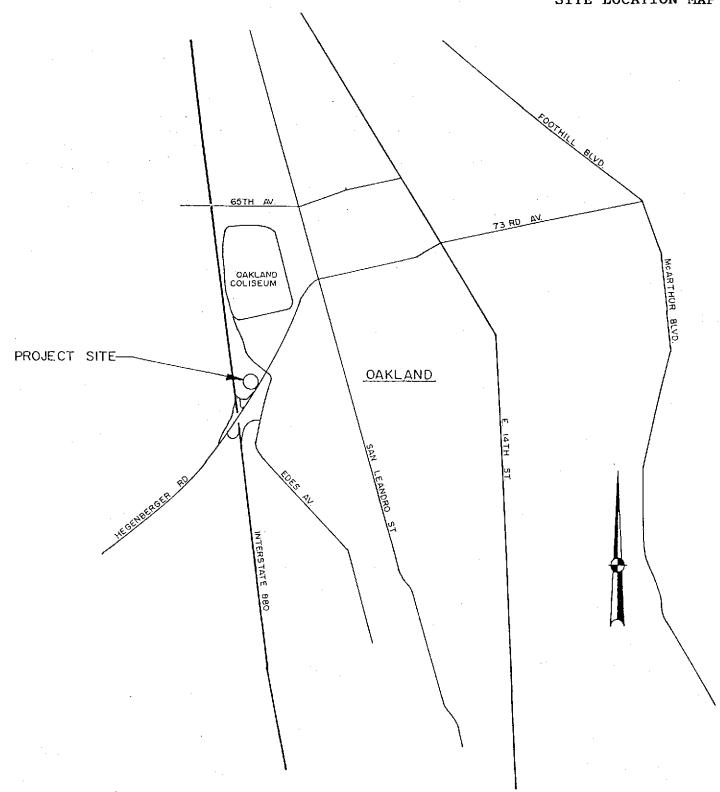
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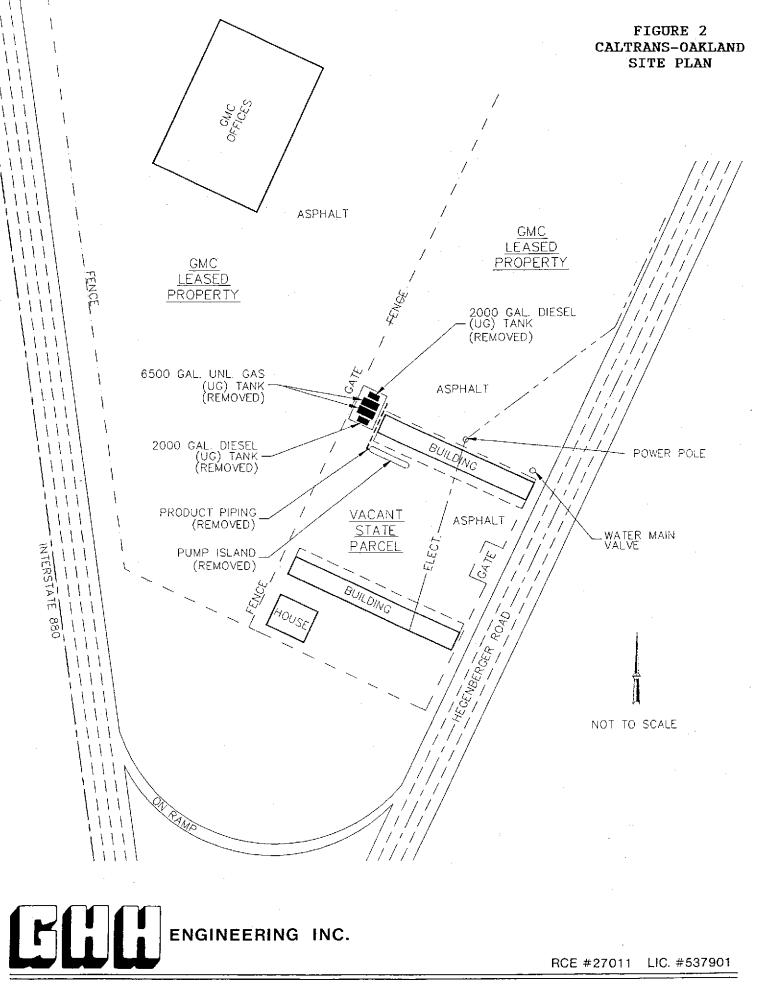
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FIGURE 1 CALTRANS-OAKLAND SITE LOCATION MAP





RCE #27011 LIC. #537901



Approximately 8,100-gallons of water with product was pumped from the tanks. On September 22, 1994, approximately 600-pounds of dry ice was placed in each of the 6,500-gallon tanks and 150-pounds of dry ice was placed in each of the 2,000-gallon tanks to purge any volatiles from the tank.

When the lower explosive limit (LEL) and oxygen concentrations reached acceptable levels for tank removal, the USTs were removed from the excavations, inspected and loaded for transport to the Erickson, Inc. facility in Richmond, California as hazardous. All four tanks had holes along their bottom halves and the 6,500-gallon tanks had holes in their end seams. The tank destruction certificates hazardous waste manifests are contained in Appendix A.

SITE INVESTIGATION

At the direction of the Alameda County Environmental Health Department (the County), soil samples were collected from the locations and depths shown on Figure 3.

The soil samples were transported under chain-of-custody (COC) to Sparger Technology, Inc. (Sparger). The samples were analyzed for total petroleum hydrocarbons in the gasoline and diesel ranges (TPH G & D; EPA Method 8015Modified) and benzene, toluene, ethylbenzene, and xylenes (BTEX; EPA Method 8020) oil and grease (O & G; EPA Method 5520 Modified) and total lead (EPA Method 7421), per the County's instructions.

Soil samples TE-2, TE-4, TE-5, PI-1, and PI-2 contained no detectable concentrations of TPH G. Sample TE-1 contained TPH G at concentrations of 290 parts per million (ppm), TE-3 contained TPH G at concentrations of 11 ppm, TE-6 contained TPH G at concentrations of 140 ppm, TE-7 contained TPH G at concentrations of 400 ppm, and TE-8 contained TPH G at concentrations of 480 ppm.

Samples TE-2, TE-4, TE-5, TE-6, TE-7, TE-8, and PI-2 contained no detectable concentrations of TPH D. Sample TE-1 contained TPH D at concentrations of 27 ppm, TE-3 contained TPH D at concentrations of 11 ppm and PI-1 contained TPH D at concentrations of 380 ppm. Analytical data are summarized in Table 1 and laboratory reports with COC documentation are contained in Appendix B.

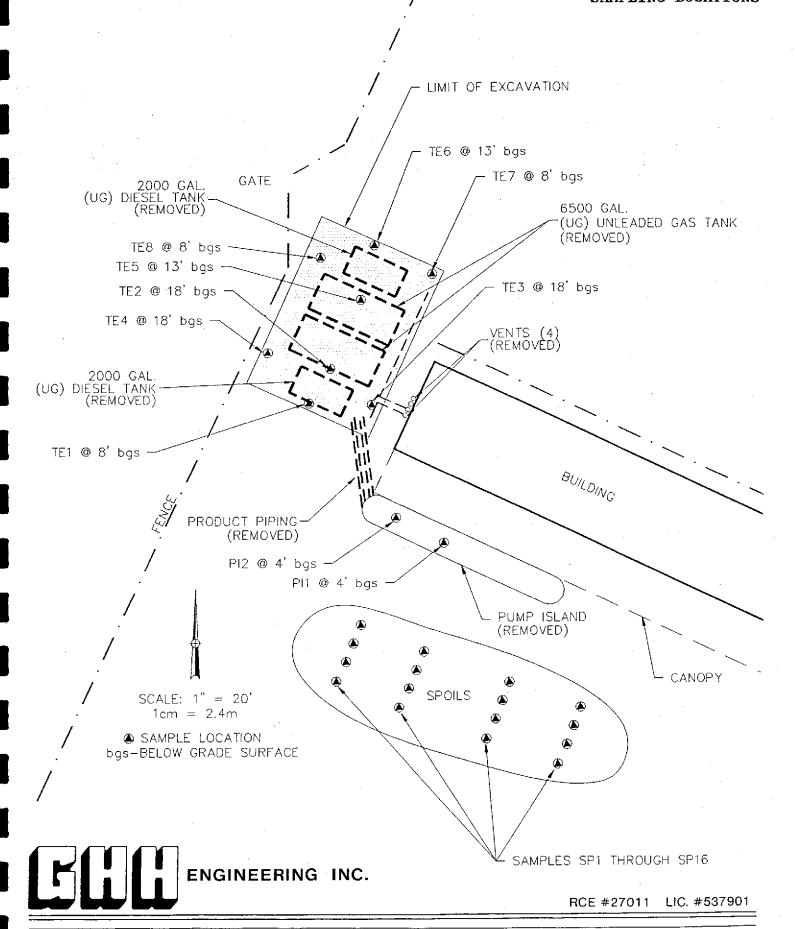


TABLE 1 SOIL ANALYTICAL DATA CALTRANS OAKLAND MAINTENANCE STATION

SEPTEMBER 22, 1994

Sample ID	Benzene	Toluene	Ethyl- Benzene	Xylenes	Т РН G	TPH D	0&G
	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
TE-1	2.0a	NDa	0.74a	1.2a	290a	27	1900
TE-2	ND	ND	ND	ND	ND	ND	200
TE-3	0.030	0.014	0.020	0.022	11	- 11	580
TE-4	NDb	NDb	NDb	NDb	NDb	ND	70
TE-5	ND	ND	ND	ND	ND	ND	80
TE-6	0.13b	NDb	0.51b	0.30Ъ	140b	ND	1200
TE-7	0.83a	NDa	0.62a	1.2a	400a	ND	530
TE-8	1.8	0.51	7.6	8.7	480	ND	100
PI-1	NDb	NDb	0.18b	NDb .	NDb	380c	2200
PI-2	0.076c	NDc	NDc	NDc	NDc	ND	190
SP(1-4) Comp	0.023	0.039	0.034	ND	6.1	13	110
SP(5-8) Comp	0.55	0.23	0.079	0.070	120	15	330
SP(9-12) Comp	1.010	0.005	ND	0.039	3.4	ND	200
SP(13-16) Comp	0.40d	0.95d	0.21d	0.33d	210d	12	180

TPH G Total petroleum hydrocarbons in the gasoline range

TPH D Total petroleum hydrocarbons in the diesel range

O&G Oil & grease ppm Parts per million

ND Non-detectable a 1:100 dilution

b 1:20 dilution c 1:10 dilution

1:25 dilution

đ

Soil samples TE-2, TE-4 and TE-5 contained no detectable concentrations of BTEX. Sample TE-1 contained benzene at concentrations of 2.0 ppm, ethylbenzene at concentrations of 0.74 ppm and xylenes at concentrations of 1.2 ppm, but contained no detectable concentrations of toluene.

TE-3 contained benzene at concentrations of 0.030 ppm, toluene at concentrations of 0.014 ppm, ethylbenzene at concentrations of 0.020 and xylenes at concentrations of 0.022 ppm. TE-6 contained benzene at concentrations of 0.13 ppm, ethylbenzene at concentrations of 0.51 ppm and xylenes at concentrations of 0.30 ppm, but contained no detectable concentrations of toluene. TE-7 contained benzene at concentrations of 0.83 ppm, ethylbenzene at concentrations of 0.62 ppm and xylenes at concentrations of 1.2 ppm, but contained no detectable concentrations of toluene.

TE-8 contained benzene at concentrations of 1.8 ppm, toluene at concentrations of 0.51, ethylbenzene at concentrations of 7.6 ppm and xylenes at concentrations of 8.7 ppm. PI-1 contained ethylbenzene at concentrations of 0.18 ppm, but contained no detectable concentrations of benzene, toluene or xylenes. PI-2 contained benzene at concentrations of 0.076 ppm, but contained no detectable concentrations of toluene, ethylbenzene or xylenes. Analytical data are summarized in Table 1 and laboratory reports with COC documentation are contained in Appendix B.

TE-1 through TE-8 all contained oil and grease ranging in concentrations from 70 ppm up to 1,900 ppm as shown in Table 1. PI-1 contained O & G at concentrations of 2,200 ppm and PI-2 contained O & G at concentrations of 190 ppm, which are also summarized in Table 1. Laboratory reports and COC documentation are contained in Appendix B.

Lead was present at detectable concentrations but was consistent with background levels in all of the soil samples. Analytical data are summarized in Table 2 and laboratory reports with COC documentation are contained in Appendix B.

The soil generated during the tank removals was stockpiled and encapsulated with visquene at the locations shown on Figure 3. Four (4) four-tube composite samples were collected from the spoil pile at the locations shown on Figure 3. The samples were transported under COC to Sparger and analyzed for TPH G and D, BTEX, O & G and total lead.

The four composite samples were impacted with various concentrations of BTEX, TPH G, TPH D, and O & M as summarized in Table 1. The laboratory reports with COC documentation are also contained in Appendix B.

TABLE 2 SOIL ANALYTICAL DATA CALTRANS OAKLAND MAINTENANCE STATION

SEPTEMBER 22, 1994

Sample ID	Lead (ppm)	Reporting Limit
TE-1	18	7.0
TE-2	12	7.0
TE-3	8.8	7.0
TE-4	7.6	7.0
TE-5	9.5	7.0
TE-6	11	7.0
TE-7	14	7.0
TE-8	8.9	7.0
PI-1	13	7.0
PI-2	13	7.0
SP(1-4) Comp	10	7.0
SP(5-8) Comp	19	7.0
SP(9-12) Comp	18	7.0
SP(13-16)	8.1	7.0
Comp		

ppm Parts per million ND Non-detectable

Lead was present at detectable concentrations but was consistent with background levels in all of the spoils pile samples. Analytical data are summarized in Table 2 and laboratory reports with COC documentation are contained in Appendix B.

The excavation was backfilled and compacted with soil at Caltrans request. Class 2 aggregate base was compacted to further backfill the excavation. The excavation was then resurfaced with concrete to grade.

SOIL DISPOSAL

Because of the moderate levels of TPH G, TPH D and BTEX in the spoils pile, the soil was disposed of at BFI Vasco Road Landfill, a Class III facility, in Livermore, California. Approximately 393-ton (280 cy) of soil was transported and disposed of on November 21 and 22, 1994. The non-hazardous waste manifests are contained in Appendix C.

CONCLUSIONS

The preliminary data indicate that the soil is impacted at the site and a Soil Contamination Workplan (SCW) may be required. However, recommendations regarding remedial strategies for the potentially impacted soil at the site are beyond the scope of work of this project.

PREPARATION OF REPORT

Firm Preparing Report
GHH Engineering, Inc.
8084 Old Auburn Road, Suite E
Citrus Heights, California 95610



Report Prepared by:

This report was prepared by GHH Engineering, Inc. Mr. Gary H. Hall, RCE #27011, Principal Engineer, is the qualified person responsible for overseeing this project. This report was written by Mr. Andrew R. Van Allen for GHH Engineering, Inc.

The analyses and recommendations submitted in this report are based upon the best available information obtained from the field investigation, persons knowledgeable about the site, and local government agencies. All evidence presented is believed to be factual unless proven otherwise. This report was prepared to assist the property owner in the evaluation of the site.

Any conclusions and recommendations are based on our expertise and experience with the site. However, they may be rejected or revised by the regulatory agencies after they have reviewed and evaluated the data.

This report has been reviewed by Caltrans and they concur with the findings herein. If you have any questions or need additional information please call me at (916) 723-7645.

Thank You,

Gary H. Hall, P.E.

Dave Mohanty Caltrans, District 4 Date

Andrew R. Van Allen
Environmental Specialist

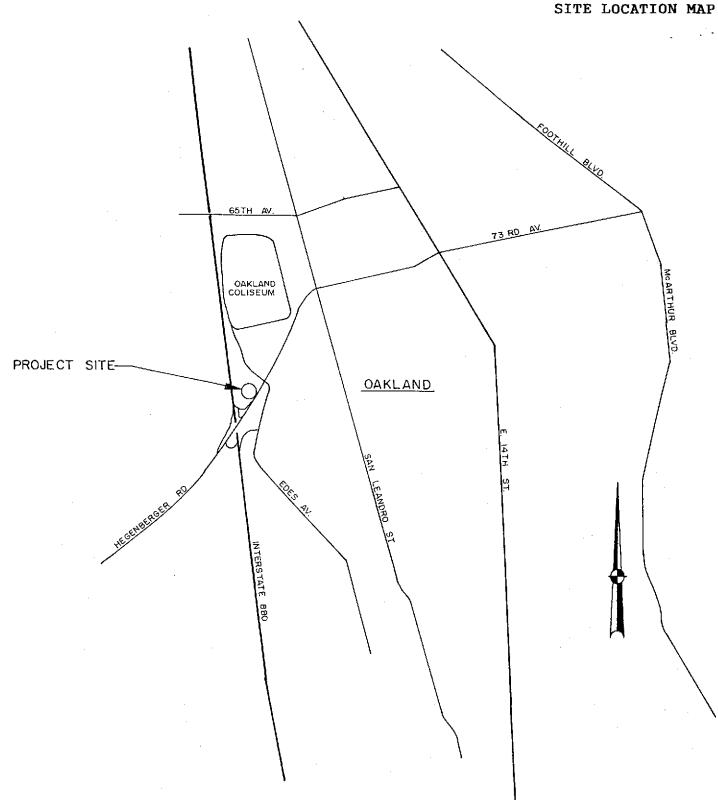
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pc: Margaret Gabil, Caltrans, District 4
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TABLE OF CONTENTS

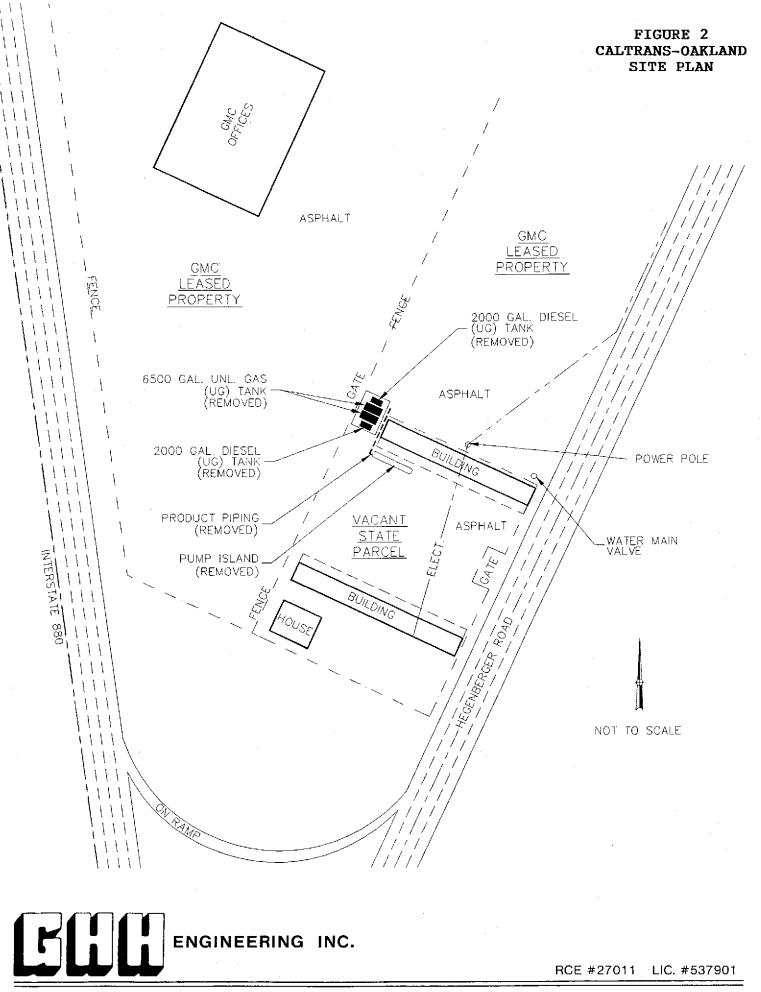
SCOP	E OF WORK	
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PREP.	ARATION OF	REPORT
FIGU	RES	
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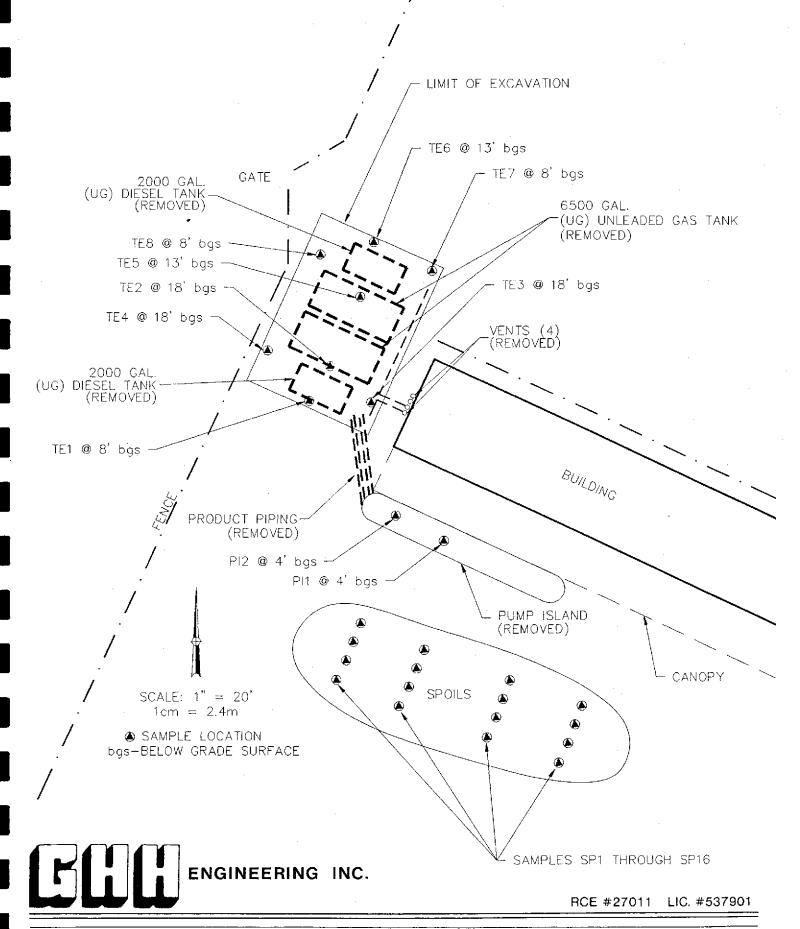


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Dave Mohanty
Caltrans, District 4

Date

Andrew R. Van Allen Environmental Specialist

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pc: Margaret Gabil, Caltrans, District 4
Mike Hilliard, Caltrans, District 4

CERTIFICATE

CERTIFIED SERVICES COMPANY 255 Parr Boulevard • Richmond, California 94801

NO. 2213 CUSTOMER GHH ENGINEERIN-JOB NO.

36122

	FOR: ERICKSON. IN	C. TANK NO1455	9
LOCATION	N: RICHMOND	DATE: <u>94/09/29</u>	TIME: 13:56
EST METHODVISU	AL GASTECH/1314 SMPN	LAST PRODUCT	UG
Petroleum Institute a This certificate is b	nd have found the condition	on to be in accordance ng at the time the ir	accordance with the American e with its assigned designation. aspection herein set forth was instructions.
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and while maintained as	directed on the Inspector's certife spread of fire, are satisfactorily	icate, and further, (c) All ad	pheric conditions in the presence of fire jacent spaces have either been cleaned uel tanks, have been treated as deemed
The undersigned represent which it was issued	tative acknowledges receipt of th	is certificate and understand	ds the conditions and limitations under

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	Additional Descriptions for Materials Listed	Above Argic 4	1875 St	14.58	7	14 14 14 S	ing Codes for Wa	B 12	Marin Salah
	7: Additional Descriptions for Majorials Liste (2000年) - Empty Sto (37年) - Tank (5)	cage/XIanK(S)#; Nahawé/beenfir	erted with	1 15	(4) (5) (4) (4) (5) (5)	交流	01] [2]	702	
	lbs:Dry:Ice:Per.10	00 Gàl·lon Capa	city.		₹ם	c 3 .5 %			
		Control of the second	make the state of	41 PAGE	<u>-7 15 49</u>	281.40	MATERIAL CONTRACTOR OF THE PERSON	3 1 10 2 2 4 4 5 5	
			ion. Alway:	s wear	nar Sh	nats w	hen worki	ng ard 'A'7	bund
	Kesp away from sow U.G.S.T.'s 24 Hr.	Contact Name.	DAVE MON	<u>₩11</u> & F	honel	(514)	130-50	143	
			<u> </u>		 	1 1-1-1-1	d shous by prope	shinoina o	ame and are cla
	16. GENERATOR'S CERTIFICATION: I her packed, marked, and labeled, and are	eby declare that the content in all respects in proper con	is of this consignment dition for transport b	t are tully and by highway ad	cording t	o applicab	le international and	I national g	overnment regul
							us congrated to t	he dearee l	have determin
11	If I om a large quantity generator, I c economically practicable and that I hav threat to human health and the environ	e selected the practicable	method of treatment	, storage, or I have made	disposal (currently a faith effort	voilable to me war to minimize my w	ca minimize raste genero	ation and select
	waste management method that is avail	able to me and that I can c	111010.)				onth Day
\prod	Printed/Typed Name DAJE 4 4 4 4 7 17	٠٧	Signature	mita	witt			Ò	19 1-13
T R	DAVE MEARINT 17. Transporter 1 Acknowledgement of Rec	eipt of Materials	- 4						Nonth Day
842	Printed/Typed Name	¥ /	Signoture A	+-	ΛZ_{ℓ}	Mil		U	17 213
S P O	18. Transporter 2 Acknowledgement of Reco	elpt of Materials							Nonth Day
R T E	Printed/Typed Name		Signature						
R	19. Discrepancy Indication Space								
Ė							•		
A C									
	20. Facility Owner or Operator Certification	of receipt of hazardous n	naterials covered by	this manifest	except as	noted in I	tem 19.		Aonth Day
1 L	20, Facility Owner or Operator Centification								
•	Printed/Typed Name		Signoture	E 5	4rc		• •	0	1912

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

).	NC
	CHICTOMES

NO. 22136

	· · · · · · · · · · · · · · · · · · ·	_
CUST	OMER	_
ЭНН	ENGINEERING	
JOB N	10.	_
5612	12	

FOR:	ERICKSON, INC.	TANK NO145	556	
LOCATION:RICH	MOND	DATE: 94/09/	²⁹ TIME: 13:56	_
TEST METHODVISUAL GASTE	CH/1314 SMPN	LAST PRODUCT _	UC	
This is to certify that I have pe Petroleum Institute and have fo This certificate is based on c completed and is issued subject t	und the condition onditions existing	to be in accordant the time the	nce with its assigne inspection herein	d designation.
TANK SIZE 2000 GA	LLON TANK	CONDITION_	SAFE FOR E	FIRE
REMARKS: 0XYGEN 20.9% ERICKSON, INC. HER CUT OPEN, PROCESSI WASTE FACILITY. ERICKSON, INC. HAR SHIPPED TO US FOR	ED, AND THEREF S THE APPROPRI	THAT THE ABOV	/E NUMBERED TANK AT OUR PERMITTE	ED HAZARDOUS
In the event of any physical or atmosphimmediately stop all hot work and conchanges occur. STANDARD SAFETY DE SAFE FOR MEN: Means that in the complete stopping the stopping and that (b) Topping ment of the Inspector, the residue while maintained as directed on the Inspector stopping and the stopping and while maintained as directed on the not capable of producing a higher concand while maintained as directed on the	SIGNATION partment or space so oxic materials in the ats are not capable of pector's certificate. compartment so desilower explosive limit; centration that permitted	This permit is valid for designated (a) The oxymosphere are within producing toxic material gnated (a) The concand that (b) In the just dunder existing atmosphere.	or 24 hours if no physical ygen content of the atmo permissable concentration als under existing atmost centration of flammable dgment of the Inspector, espheric conditions in the	sphere is at least as; and (c) In the pheric conditions materials in the the residues are a presence of fire
The undersigned representative acknowledge which it was issued. REPRESENTATIVE	e, are satisfactorily ine	rted, or in the case of	fuel tanks, have been to	reated as deemed

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO.	22095
CUSTOMER	
IOB NO	

			36122
	FOR: ERICKSON, INC	. TANK NO14557	7
LOCATION:	RICHMOND	DATE: <u>94/09/27</u>	TIME: <u>14:12</u>
TEST METHODVISUAL	GASTECH/1314 SMPN	LAST PRODUCT	I'G
Petroleum Institute and This certificate is bas	d have found the condition	on to be in accordance ng at the time the in	accordance with the American with its assigned designation. spection herein set forth was instructions.
TANK SIZE5500	GALLON TANK	CONDITION	SAFE FOR FIRE
CUT OPEN, F WASTE FACIL ERICKSON, I	PROCESSED, AND THERE	ES THAT THE ABOVE FORE DESTROYED AT	NUMBERED TANK HAS BEEN OUR PERMITTED HAZARDOUS AND HAS ACCEPTED THE T.
immediately stop all hot wo changes occur. STANDARD SAFE SAFE FOR MEN: Means that 19.5 percent by volume; and judgment of the Inspector,	TY DESIGNATION t in the compartment or space so that (b) Toxic materials in the	ed. This permit is valid for 2 so designated (a) The oxygen e atmosphere are within perm	of the above tanks, or if in any doubt, 4 hours if no physical or atmospheric n content of the atmosphere is at least missable concentrations; and (c) In the under existing atmospheric conditions
atmosphere is below 10 per not capable of producing a and while maintained as dir	rcent of the lower explosive lim higher concentration that perm rected on the Inspector's certific	nit; and that (b) In the judgn itted under existing atmosph cate, and further, (c) All adja	tration of flammable materials in the nent of the Inspector, the residues are neric conditions in the presence of fire acent spaces have either been cleaned el tanks, have been treated as deemed
The undersigned representate which it was issued	ive acknowledges receipt of thi		s the conditions and limitations under

CERTIFICATE

CERTIFIED SERVICES COMPANY

NO. 22071 CUSTOMER

•	OCE Dark Daulayard Diahmand California 04801	L
	255 Parr Boulevard • Richmond, California 94801	JOB NO. 36122
•	FOR: ERICKSON, INC. TANK NO. 14558	
	FOR: <u>ERICASON, INC.</u> JANK NO. <u>14336</u>	
	LOCATION: RICHMOND DATE: 94/09/27 TIME: 08	::47
€	EST METHOD VISUAL GASTECH/1314 SMPU LAST PRODUCT	UC
	This is to certify that I have personally determined that this tank is in accordance Petroleum Institute and have found the condition to be in accordance with its a This certificate is based on conditions existing at the time the inspection has completed and is issued subject to compliance with all qualifications and instructions	ssigned designation. erein set forth was
_		
	TANK SIZE 6500 GALLON TANK CONDITION SAFE	FOR FIRE
	REMARKS:OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON. INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PER WASTE FACILITY. ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR. AND HAS SHIPPED TO US FOR PROCESSING.	MITTED HAZARDOUS
) }	In the event of any physical or atmospheric changes affecting the gas-free conditions of the above immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no changes occur.	tanks, or if in any doubt, physical or atmospheric
ĺ	STANDARD SAFETY DESIGNATION	
	SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concludgment of the Inspector, the residues are not capable of producing toxic materials under existin while maintained as directed on the Inspector's certificate.	entrations; and (c) in the
	SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of fla atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the lower expanded of producing a higher concentration that permitted under existing atmospheric condition and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have necessary by the Inspector.	nspector, the residues are ns in the presence of fire have either been cleaned
	The undersigned representative acknowledges receipt of this certificate and understands the condition which it was issued. Which it was issued.	as and limitations under
l	REPRESENTATIVE TITLE INSPECTOR	

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO.22137

CUSTOMER

GHH ENGINEERING I

JOB NO.

	86122
FOR: ERICKSON, INC. TANK NO. 14559	
LOCATION: RICHMOND DATE: 94/09/29 TIME: 13:	:56
EST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT	JO
This is to certify that I have personally determined that this tank is in accordance Petroleum Institute and have found the condition to be in accordance with its as: This certificate is based on conditions existing at the time the inspection he completed and is issued subject to compliance with all qualifications and instructions.	signed designation.
TANK SIZE 2000 GALLON TANK CONDITION SAFE F	OR FIRE
REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERM WASTE FACILITY. ERICKSON, INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS SHIPPED TO US FOR PROCESSING.	IITTED HAZARDOUS
In the event of any physical or atmospheric changes affecting the gas-free conditions of the above ta immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no permit changes occur. STANDARD SAFETY DESIGNATION SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the	ohysical or atmospheric e atmosphere is at least
19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concer judgment of the Inspector, the residues are not capable of producing toxic materials under existing while maintained as directed on the Inspector's certificate.	atmospheric conditions
SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flam atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the inspect capable of producing a higher concentration that permitted under existing atmospheric conditions and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces he sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have the necessary by the Inspector.	pector, the residues are in the presence of fire ave either been cleaned
The undersigned representative acknowledges receipt of this certificate and understands the conditions which it was issued WE	s and limitations under

For	m Ac	California—Environmental Protection Agency proved OMB No. 2050–0039 (Expires 9-30-94) int or type. Form designed for use on elite (12-pitch) typewriter.	See Instructions	on back	of page	6. 86127	Department of Toxic Substances Cont Sucramento, California
	1	1. Generator's US	EPA ID No. Mani	fest Document		2. Page 1	Information in the shaded areas is not required by Federal law.
ည္က					A. State	Manifest Document	Number 93480998
852-75		DAVE PORTON SON SON SON SON SON SON SON SON SON S	CALTRANS.			Generator's ID	
1-800-852-7550			6. US EPA ID Number At 000 9 4 6 6 B. US EPA ID Number		D. Trons	Transporter's ID (130°3 48 10°235°1393
, CALL		7. Transporter 2 Company Name	B. US EPA ID Number		F. Trans	Transporter's ID	
CALIFORNIA,		9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd.	O. US EPA ID Number			Facility's ID (*) 1 D O O 9 4 Vs. Phone	166392
		Richmond, CA. 94801 10. US DOT Description (including Proper Shipping Name, Hazard C	C A D 0 0 9 4 6 6	12. Con	tainers	13. Yotal	10)235-1393 14. Unit
WITHIN		"NON-RCRA Hazardous Waste Solid		No.	Туре	0 8 5 0 0	VI/Vol I. Waste Number
3802: V	G E N	Waste Empty Storage Tark.		002	T P	+ 150000	P State
1-800-424-8802	E R A	с.		1.1			EPA/Other State
F	T O R						EPA/Other
CENTER		d.					State EPA/Other
RESPONSE		Additional Descriptions for Materials Listed Above MOTY: 2 Empty Storage Tank(s) Tank(s) have been	14356 1,43	5,7	K. Handli	ing Codes for Waste	s Listed Above
		////**// Tank(s) have been. /// Ibs.Dry Ice Per 1000 Galion Car	inerted with 15 acity.	t			d.
AIIONAL	15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around					g around	
Ž HE							
CALL		packed, marked, and labeled, and are in all respects in proper co	ondition for transport by highway o	according to	applicable	international and no	ational government regulations.
Z SYILL,		economically practicable and that I have selected the practicable threat to human health and the environment; OR, if I am a sma waste management method that is available to me and that I can	e method of treatment, storage, or Il quantity generator, I have mad- afford.	· disposal cu	rrently avo	iilable to me which :	minimizes the present and future te generation and select the best
<u>ځ</u> ا	↓	Printed/Typed Name DAVE METALINTY 17. Transporter 1 Acknowledgement of Receipt of Materials	Signature	inty			019121914
EMERGENCY	RANSPO	Printed/Typed Name 6 Unt 18. Transporter 2 Acknowledgement of Receipt of Materials	Signature V	No	U		Month Day Year U 7 2 2 9 4
5	P T E R	Printed/Typed Name	Signature				Month Day Year
ر اد	F A C	19. Discrepancy Indication Space					
≦ 	1 L 1	20. Facility Owner or Operator Certification of receipt of hazardous r Printed/Typed Name	Signature	_	ted in Item	19.	Month Day Year
	۲	DAVID SATE	Die S	TO			092294

Form	State of California—Environmental Protection Agency Form Approved OMB No. 2050—0039 (Expires 9:30-94) Please print or type. Form designed for use on elite (12-pitch) typewriter. Sacramento, California					
1	UNIFORM HAZARDOUS 1. Generator's US El		ifest Docume	nt No.	2. Page 1	Information in the shaded areas is not required by Federal law.
	3. Generator's Name and Mailing Address	08882088	~1	<u> </u>	Manifest Document	Number 400
ncc	3. Generator's Name and Mailing Address DAVE NOMENTY CALTRANS 555 HEGENBERGER RD. 111 GRAND AVE., OAKLAND, CA. 94623 4. Generator's Phone (510) 288-5843 ATTN DAVE MOHANTY			\$ 2	Generator's ID and	93480999
	4. Generator's Phone (510) 287 - 5743 At	IN DAVE MOHANTY		B. State	Senerator SID	
1-800-832-7	5. Transporter 1 Company Name 6.	US EPA ID Number AD 982484	370	C Stole	Transporter s ID	807799000
ά -	TRIDENT PRUCKING Y	14191812141813	+ 9161-	D. Tronsp	porter's Phone	THE SOUTH OF S
ALL	7. Transporter 2 Company Name 8. US EPA ID Number			E. State 1	ransporter's IDrie	
ر ج				大利拉爾克爾	orter's Phone : \$19	erome.
Z Z	Erickson, inc.	US EPA ID Number		D4-8-900-3395-69930-7	Facility subjects	4663921
ALIFORNIA,	255 Parr Blvd. Richmond, CA. 94801	AD 0 0 9 4 6 6	3 9 2	H. Facility	/ Phone was a series	10)235=1353
5		1/2 Number	12. Con	itainers	13. Total	14. Unit
	11. US DOT Description (including Proper Shipping Name, Hazard Cla o, NON-RCRA Hazardous Waste Solid	ss, and ID Number)	No.	Туре	Quantity	Wt/Vol J. Waste Number 3
‡ ! } G	Waste Empty Storage Tank.		0 m 0	T _I P	MA.E.O.O	P EPANCONE
Z Z	b.		002	1 F	08121010	State State
ř						EPA/Other to
R				I		Sinie Sala
C	c.				;	
R						EPA/Offier 11
<u>,</u>	d.					Stole
(EPA/Other A
5	MAdditional Dayriptions for Materials Listed Above Oty ∠ Empty Storage Tank(s)#	14559 14557		K. Handlin	ng Codes for Waste	s Listed Above
Tank(s) have been inerted with 15						
	lbs.Dry Ice Per 1000 Gallon Cap	City.	T for			d .
	15. Special Hondling Instructions and Additional Information Keep away from sources of ignit	ion. Always wear	hardh	ats wi	nen workin	a around
	U.G.S.T.'s 24 Hr. Contact Name.	DIVE MOHAVIVY &	Phone_	(510)	286-564	3 _
<u> </u>		ŕ				
	16. GENERATOR'S CERTIFICATION: I hereby declare that the content packed, marked, and labeled, and are in all respects in proper con-					
	If I am a large quantity generator. I certify that I have a proora	m in place to reduce the volum	ie and toxici	ty of waste	generated to the	degree I have determined to be
	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 a Printed/Typed Name	fford. Signature	7	1		Month Day Year
♦	17. Transporter 1 Acknowledgement of Receipt of Materials	A	noto	nty		092294
T R A N	Pfinted/Typed Name	Signature		7-		Month, Day Year.
5 P O	18. Transporter 2 Acknowledgement of Receipt of Materials	Tuga	(Vkej	<u> </u>		10 17 12 12 19 19
R T E	Printed/Typed Name	Signature				Month Day Year
Ř	19. Discrepancy Indication Space					
FA						
C						
L	20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Ÿ	DAVID SATO	DAVE SAK	>			01912121914
		OT WRITE BELOW TH				<u> </u>

White:

Terr

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



Analytical Laboratory Division Mobile Laboratory Division Scientific Division

October 13, 1994

Mr. Calvin Pratt GHH Engineering. Inc. 8084 Old Auburn Road Citrus Heights, CA 95610

Dear Mr. Pratt:

Enclosed is the report for the fourteen (14) soil samples. The samples were received at Sparger Technology Analytical Lab on September 23, 1994.

The samples were received in twenty-six (26) brass tubes. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

The report consists of the following sections:

- I. Sample Description
- II. Analysis Request
- III. Quality Control Report
- IV. Analysis Results

No problems were encountered with the analysis of your samples.

If you have questions, please feel free to call.

Sincerely,

R. L. James

Principal Chemist





I Sample Description

See attached Samples Description Information.

The samples were received under chain-of-custody.

II Analysis Request

The following analytical tests were requested:

Lab ID	Your ID	Analysis Description
ST94-09-821A	TE-1	TPHgas & BTEX
ST94-09-822A	TE-1	TPHdiesel
ST94-09-823A	TE-2	TPHgas & BTEX
ST94-09-824A	TE-2	TPHdiesel
ST94-09-825A	TE-3	TPHgas & BTEX
ST94-09-826A	TE-3	TPHdiesel
ST94-09-827A	TE-4	TPHgas & BTEX
ST94-09-828A	TE-4	TPHdiesel
ST94-09-829A	TE-5	TPHgas & BTEX
ST94-09-830A	TE-5	TPHdiesel
ST94-09-831A	TE-6	TPHgas & BTEX
ST94-09-832A	TE-6	TPHdiesel
ST94-09-833A	TE-7	TPHgas & BTEX
ST94-09-834A	TE-7	TPHdiesel
ST94-09-835A	TE-8	TPHgas & BTEX
ST94-09-836A	TE-8	TPHdiesel
ST94-09-837A	PI-1	TPHgas & BTEX
ST94-09-838A	PI-1	TPHdiesel
ST94-09-839A	PI-2	TPHgas & BTEX
ST94-09-840A	PI-2	TPHdiesel
ST94-09-841A	SP(1-4) Comp.	TPHgas & BTEX
ST94-09-842A	SP(1-4) Comp.	TPHdiesel
ST94-09-843A	SP(5-8) Comp.	TPHgas & BTEX
ST94-09-844A	SP(5-8) Comp.	TPHdiesel
ST94-09-845A	SP(9-12) Comp.	TPHgas & BTEX



Analytical Laboratory Division Mobile Laboratory Division Scientific Division

Lab ID	Your ID	Analysis Description
ST94-09-846A	SP(9-12) Comp.	TPHdiesel
ST94-09-847A	SP(13-16) Comp.	TPHgas & BTEX
ST94-09-848A	SP(13-16) Comp.	TPHdiesel
ST94-10-098A	TE-1	Total Lead
ST94-10-099A	TE-1	Oil & Grease
ST94-10-100A	TE-2	Total Lead
ST94-10-101A	TE-2	Oil & Grease
ST94-10-102A	TE-3	Total Lead
ST94-10-103A	TE-3	Oil & Grease
ST94-10-104A	TE-4	Total Lead
ST94-10-105A	TE-4	Oil & Grease
ST94-10-106A	TE-5	Total Lead
ST94-10-107A	TE-5	Oil & Grease
ST94-10-108A	TE-6	Total Lead
ST94-10-109A	TE-6	Oil & Grease
ST94-10-110A	TE-7	Total Lead
ST94-10-111A	TE-7	Oil & Grease
ST94-10-112A	TE-8	Total Lead
ST94-10-113A	TE-8	Oil & Grease
ST94-10-114A	PI-1	Total Lead
ST94-10-115A	PI-1	Oil & Grease
ST94-10-116A	PI-2	Total Lead
ST94-10-117A	PI-2	Oil & Grease
ST94-10-118A	SP(1-4) Comp.	Total Lead
ST94-10-119A	SP(1-4) Comp.	Oil & Grease
ST94-10-120A	SP(5-8) Comp.	Total Lead
ST94-10-121A	SP(5-8) Comp.	Oil & Grease
ST94-10-122A	SP(9-12) Comp.	Total Lead
ST94-10-123A	SP(9-12) Comp.	Oil & Grease
ST94-10-124A	SP(13-16) Comp.	Total Lead
ST94-10-125A	SP(13-16) Comp.	Oil & Grease



III Quality Control

- A. <u>Project Specific QC</u>. No project specific QC (i.e., spikes and/or duplicates) was requested.
- B. <u>Method Blank Results</u>. A method blank is a laboratory-generated sample which assesses the degree to which laboratory operations and procedures cause false-positive analytical results for your sample.
- C. <u>Laboratory Control Spike</u>. A Laboratory Control Spike (LCS) is a sample which is spiked with 30 ppb BTEX, and analyzed at approximately 10% of the sample load in order to establish method-specific control limits. The LCS results associated with your samples are on the attached 8020 Modified LCS BTEX Analysis Report.
- D. Matrix Spike Results. A Matrix Spike is a sample which is spiked with 30 ppb BTEX, and analyzed at approximately 10% of the sample load in order to establish method-specific control limits. The Matrix Spike results associated with your samples are on the attached 8020 Modified Matrix-Spike BTEX Analysis Report.

No target parameters were detected in the method blank associated with your sample at the reporting limit levels noted on the data sheets in the Analytical Results section.

Accuracy is measured by Percent Recovery as in:

% recovery = $(measured concentration) \times 100$ (actual concentration)

IV Analysis Results

Results are on the attached data sheets.



Metal, EPA Method 6010 Project: CT - Oakland (4231)

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc. 8084 Old Auburn Road Citrus Heights, CA 95610 Date Sampled:

Sep 22, 1994

Date Received:

Sep 23, 1994

Date Requested: Oct 5, 1994 Date Analyzed:

Oct 12, 1994

Invoice #:

3836

SOIL SAMPLES

Units: mg/kg

SOIL SAIMI LES				Othto: mg/ng
Lab ID	Client ID	Lead (Pb) Result	Reporting Limit	Dilution
ST94-10-098A	TE-1	18	7.0	1
ST94-10-100A	TE-2	12	7.0	1
ST94-10-102A	TE-3	8.8	7.0	1
ST94-10-104A	TE-4	7.6	7.0	1
ST94-10-106A	TE-5	9.5	7.0	1
ST94-10-108A	TE-6	11	7.0	1
ST94-10-110A	TE-7	14	7.0	1
ST94-10-112A	TE-8	8.9	7.0	1
ST94-10-114A	Pl-1	13	7.0	1
ST94-10-116A	PI-2	13	7.0	1
ST94-10-118A	SP(1-4) Comp.	10	7.0	1
ST94-10-120A	SP(5-8) Comp.	19	7.0	1
ST94-10-122A	SP(9-12) Comp.	18	7.0	1
ST94-10-124A	SP(13-16) Comp.	8.1	7.0	1

ppm = parts per million = mg/kg = milligrams per kilogram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit

R. L. James, Principal Chemist

Oct 12, 1994

Date Reported

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA. DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY (Certification No. 1614)



Metal LCS / LCSD Recoveries

Attention:

Mr. Calvin Pratt

Date Sampled:

Sep 22, 1994

GHH Engineering, Inc.

Date Received:

Sep 23, 1994

8084 Old Auburn Road Citrus Heights, CA 95610 Date Requested: Date Analyzed: Oct 5, 1994 Oct 12, 1994

4231

Project Name:

CT - Oakland

Client ID:

Project #:

LCS/LCSD

LAB ID:

ICP941011A

Matrix:

Soil

Dilution:

Unit: (mg/Kg)

						/
	Spike		LCS %		LCSD %	%
Element	Conc.	LCS	Recovery	LCSD	Recovery	RSD
Lead (Pb)	250	208	83%	205	82%	1%

ppm= parts per million = mg/Kg = milligram per Kilogram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit

R. L. James, Principal Chemist

Oct 12, 1994

Date Reported



Metal MS / MSD Recoveries

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc.

8084 Old Auburn Road

Citrus Heights, CA 95610

Date Sampled:

Sep 22, 1994

Date Received:

Sep 23, 1994

Date Requested:

Oct 5, 1994

Date Analyzed:

Oct 12, 1994

Project ID:

4231

Project Name:

CT - Oakland

Client ID:

MS/MSD

LAB ID:

ST94-10-098A MS

ST94-10-098A MSD

Matrix:

` Soil

Dilution:

Element	Sample Conc.	Spike Conc.	MS	MS % Recovery	MSD	MSD % Recovery	% RSD
Lead (Pb)	18	250	238	88%	270	101%	14%

ppm= parts per million = mg/Kg = milligram per Kilogram

ND = Not Detected | Compound(s) may be present at concentrations below the detection limit.

R. L. James, Principal Chemist

Oct 12, 1994

Date Reported



5520 Modified Analysis Report Project: CT - Oakland (4231)

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc. 8084 Old Auburn Road

Citrus Heights, CA 95610

Date Sampled:

Sep 22, 1994

Date Received:

Sep 23, 1994

Date Requested: Oct 5, 1994 Date Analyzed:

Oct 10, 1994

Invoice #:

3836

SOIL SAMPLES

Units: mg/kg

Lab	Client		Detection	Dilution
ID	ID	Amount	Limit	1:
ST94-10-099A	TE-1	1900	50	1
ST94-10-101A	TE-2	200	50	1
ST94-10-103A	TE-3	580	50	1
ST94-10-105A	TE-4	70	50	1
ST94-10-107A	TE-5	80	50	1
ST94-10-109A	TE-6	1200	50	1
ST94-10-111A	TE-7	530	50	1
ST94-10-113A	TE-8	100	50	1
ST94-10-115A	PI-1	2200	50	1
ST94-10-117A	PI-2	190	50	1
ST94-10-119A	SP(1-4) Comp.	110	50	1
ST94-10-121A	SP(5-8) Comp.	330	50	1
ST94-10-123A	SP(9-12) Comp.	200	50	1
ST94-10-125A	SP(13-16) Comp.	180	50	11

ppb = parts per billion = ug/L = micrograms per Liter

ppm = parts per million = ug/g = micrograms per gram

ppm = parts per million = mg/kg = milligrams per kilogram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit.

R. L. James, Principal Chemist

Oct 11, 1994

Date Reported

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA. DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY (Certification No. 1614)

8020/8015 Modified Analysis Report Project: CT - Oakland (4231)

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc. 8084 Old Auburn Road Citrus Heights, CA 95610 Date Sampled:

Sep 22, 1994

Date Received: Sep 23, 1994 Date Analyzed: Oct 5, 1994

Invoice #:

3836

Soil Samples

Soil Samples												Unit = ug/g	Ž.
Lab	Client		Det		Det		Det		Det		Det	Surrogate % Recovery	Dilution
ID ID	ID	. B	Limit	T	Limit	E	Limit	X	Limit	TPHgas	Limit	of Trifluorotoluene	1:
ST94-09-821A	TE-1	2.0	0.50	ND	0.50	0.74	0.50	1.2	0.50	290	100	126% *	100
ST94-09-823A	TE-2	ND	0.005	ND	0.005	ND	0.005	ND	0.005	ND	1.0	97%	1
ST94-09-825A	TE-3	0.030	0.005	0.014	0.005	0.020	0.005	0.022	0.005	11	1.0	*	1
ST94-09-827A	TE-4	ND	0.10	ND	0.10	ND	0.10	ND	0.10	ND	20	73%	20
ST94-09-829A	TE-5	ND	0.005	ИD	0.005	ND	0.005	ND	0.005	ND	1.0	97%	1
ST94-09-831A	TE-6	0.13	0.10	ND	0.10	0.51	0.10	0.30	0.10	140	20	93%	20
ST94-09-833A	TE-7	0.83	0.50	ND	0.50	0.62	0.50	1.2	0.50	400	100	117%	100
ST94-09-835A	TE-8	1.8	0.50	0.51	0.50	7.6	0.50	8.7	1.0	480	200	*	**
ST94-09-837A	PI-1	ND	0.10	ND	0.10	0.18	0.10	ND	0.10	ND	20	70%	20
ST94-09-839A	PI-2	0.076	0.05	ND	0.05	ND	0.05	ND	0.05	ND	10	123% *	10
ST94-09-841A	SP(1-4) Comp.	0.023	0.005	0.039	0.005	0.034	0.005	ND	0.005	6.1	5.0	100%	***
ST94-09-843A	SP(5-8) Comp.	0.55	0.50	0.23	0.025	0.079	0.025	0.070	0.025	120	100	*	****
ST94-09-845A	SP(9-12) Comp.	0.010	0.005	0.005	0.005	ND	0.005	0.039	0.005	3.4	1.0	*	1

0.33 | 0.125

210

25

ppb = parts per billion = ug/L = micrograms per Liter ppm = parts per million = ug/g = micrograms per gram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit.

SP(13-16) Comp.

* Matrix Interference

** Dilution 1:100 for BTE; Dilution 1:200 for TPHgas & Xylenes

0.40 0.125

*** Dilution 1:5 for TPHgas

**** Dilution 1:5 for TEX; Dilution 1:100 for TPHgas & Benzene.

R. L. James, Principal Chemist

Oct 10, 1994

Date Reported

25

0.95 0.125 0.21 0.125



8020 Modified Laboratory Control Spike (LCS) & Laboratory Control Spike Duplicate (LCSD) BTEX Analysis Report

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc. 8084 Old Auburn Road

Citrus Heights, CA 95610

Date Sampled:

Date Received:

Sep 22, 1994 Sep 23, 1994

Date Analyzed:

Oct 4, 1994

Project ID:

4231

Project Name:

CT - Oakland

Client ID:

LCS/LCSD

LAB ID:

ST94-10-004 LCS ST94-10-004 LCSD

Matrix:

Soil

Dilution:

LCCD	108%	LCSD %	(

	Name	Conc. Spike Added	Sample Result	LCS Result	LCSD Result	Units	LCS % Recovery	LCSD % Recovery	% RPD Recovery	_
-	Benzene	30 ppb	ND	31	32	ug/kg	103%	107%	3%	
	Toluene	30 ррв	ND	31	32	ug/kg	103%	107%	3%	
	Ethylbenzene	30 ppb	ND	31	32	ug/kg	103%	107%	3%	
	Xylenes	30 ppb	ND	31	31	ug/kg	103%	103%	0%	

Surrogate % Recovery of Trifluorotoluene =

100% LCS

100% LCSD

R. L. James, Principal Chemist

Oct 10, 1994

Date Reported

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY (Certification No. 1614)

ppb = parts per billion = ug/kg = micrograms per kilogram

ppm= parts per million = ug/g = micrograms per gram

ND = Not Detected Compound(s) may be present at concentrations below the detection limit.



8020 Modified Matrix Spike (MS) & Matrix Spike Duplicate (MSD) **BTEX Analysis Report**

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc. 8084 Old Auburn Road

Citrus Heights, CA 95610

Date Sampled:

Date Received:

Sep 22, 1994 Sep 23, 1994

Date Analyzed:

Oct 4, 1994

Project ID:

4231

Project Name:

CT - Oakland

Client ID:

MS/MSD-Batch

LAB ID:

ST94-10-027A MS

ST94-10-027A MSD

Matrix:

Soil

Dilution:

Name	Conc. Spike Added	Sample Result	MS Result	MSD Result	Units	MS % Recovery	MSD % Recovery	% RPD Recovery
Benzene	30 ppb	ND	29	27	ug/kg	97%	90%	7%
Toluene	30 ppb	ND	26	25	ug/kg	87%	83%	4%
Ethylbenzene	30 ppb	ND	25	25	ug/kg	83%	83%	0%
Xylenes	30 ppb	ND	26	26	ug/kg	87%	87%	0%
Surrogate % P	ecovery of Trif	luorotoluer	1A =	100%	MS	87%	MSD	

ppb = parts per billion = ug/kg = micrograms per kilogram

ppm= parts per million = ug/g = micrograms per gram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit.

R. L. James, Principal Chemist

Oct 10, 1994

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY (Certification No. 1614)



8015 Modified Analysis Report Project: CT - Oakland (4231)

Attention:

Mr. Calvin Pratt

GHH Engineering, Inc.

8084 Old Auburn Road

Citrus Heights, CA 95610

Sep 22, 1994 Date Sampled:

Date Received:

Sep 23, 1994 Date Analyzed: Sep 26, 1994

Invoice #:

3836

SOIL SAMPLES

Units: ug/g

Lab	Client	TPH	Detection	Dilution
ID	. ID	Diesel	Limit	1:
ST94-09-822A	TE-1	27	1.0	1
ST94-09-824A	TE-2	ND	1.0	1
ST94-09-826A	TE-3	11	1.0	1
ST94-09-828A	TE-4	ND	1.0	1
ST94-09-830A	TE-5	ND	1.0	1
ST94-09-832A	TE-6	ND	1.0	1
ST94-09-834A	TE-7	ND	1.0	1
ST94-09-836A	TE-8	ND	1.0	1
ST94-09-838A	Pl-1	380	10	10
ST94-09-840A	Pl-2	ND	1.0	1 1
ST94-09-842A	SP(1-4) Comp.	13	1.0	1
ST94-09-844A	SP(5-8) Comp.	15	1.0	1
ST94-09-846A	SP(9-12) Comp.	ND	1.0	1
ST94-09-848A	SP(13-16) Comp.	12	1.0	11

ppb = parts per billion = ug/L = micrograms per Liter

ppm = parts per million = ug/g = micrograms per gram

NO = Not Detected. Compound(s) may be present at concentrations below the detection limit.

R. L. James, Principal Chemist

Sep 27, 1994

Date

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA. DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY (Certification No. 1614)



8015 Modified Matrix Spike (MS) & Matrix Spike Duplicate (MSD) TPHdiesel Analysis Report

Attention:

Mr. Calvin Pratt

Date Sampled:

Sep 22, 1994

GHH Engineering, Inc. 8084 Old Auburn Road

Date Received:

Sep 23, 1994

Citrus Heights, CA 95610

Date Analyzed:

Sep 26, 1994

Project ID:

4231

Project Name:

CT - Oakland

Client ID:

MS/MSD-Batch

LAB ID:

ST94-09-814A MS

ST94-09-814A MSD

Matrix:

Soil

Dilution:

Name	Conc. Spike Added	Sample Result	MS Result	MSD Result	Units	MS % Recovery	MSD % Recovery	% RPD Recovery
TPHdiesel	25 ppm	ND	16	17	ug/g	64%	68%	6%

ppb = parts per billion = ug/kg = micrograms per kilogram

ppm= parts per million = ug/g = micrograms per gram

ND = Not Detected. Compound(s) may be present at concentrations below the detection limit.

R. L. James, Principal Chemist

Sep. 27, 1994

Date Reported

SPARGER TECHNOLOGY ANALYTICAL LABORATORY, INC. IS CERTIFIED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES AS A HAZARDOUS WASTE TESTING LABORATORY

(Certification No. 1614)

V EUU

ENGINEERING INC. LIC.#537901 CITRUS HEIGHTS, CA 95610

3836



GHH CONSTR**UC** SERVICES, INC.

LIC.#608406

CITRUS HEIGHTS, CA 95610

I.D.# 10822

JOB 4231

P.O.#3773

CHAIN OF CUSTODY

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3836

Analytical Laboratory Division Mobile Laboratory Division Scientific Division

PURCHASE ORDER

				· ·
Number:	5973		Date:	October 5, 1994
To:	GHH Engir	neering	Bill To:	GHH Engineering
_		Auburn Road		8084 Old Auburn Road
-	Citrus Heiç	hts, CA 95610	_ _	Citrus Heights, CA 95610
Turnaround	Time:	Project Name/Number:	Project Manager:	Client Name:
Nor	mal	CT - Oakland	Calvin Pratt	GHH Engineering

Matrix	Sample ID	Analysis Requested	Unit Price
S	TE-1	Oil & Grease and Total Lead	
S	TE-2	Oil & Grease and Total Lead	
S	TE-3	Oil & Grease and Total Lead	
S	TE-4	Oil & Grease and Total Lead	
S	TE-5	Oil & Grease and Total Lead	
S	TE-6	Oil & Grease and Total Lead	
S	TE-7	Oil & Grease and Total Lead	
S	TE-8	Oil & Grease and Total Lead	
S	PI-1	Oil & Grease and Total Lead	
S	PI-2	Oil & Grease and Total Lead	
S	SP(1-4) Comp.	Oil & Grease and Total Lead	
S	SP(5-8) Comp.	Oil & Grease and Total Lead	
s	SP(9-12) Comp.	Oil & Grease and Total Lead	
S	SP(13-16) Comp.	Oil & Grease and Total Lead	
		These are additional analysis requested by C	alvin Pratt
	Alder .		

Client:	Lab Director:



Waste			No. 7322	11
BROWNING-FERRIS INDUSTRIES	NON-HAZARDO	于为为一种,全国共和国的国际的人的一直创造人的	WASTE MA	NIFEST
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Generator Name		Generating Location	larel Californie si	ACTIVITIES
Address Por Box 23.000			West in Sea	
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Phone No. <u>ජ ලේ දැව්ව</u>	356437	hone No.		
BFI Waste Code CFA 440		4,0,2,0,0	Container	D D
Descriptio	n of Waste	Company of the second s	▼ Units No. Ty	pe C - Carton
Tipes Barrolly Consider				B - Bag T - Truck
				P - Pounds
				Y - Yards O - Other
I hereby certify that the above na	med material does not contain f	N vd begiteb as blubil ear	CER Part 260 10 or a	ny annlicable
state law, is not a hazardous was	ste as defined by 40 CFR Part 2	261 or any applicable state	e law, has been proper	
classified and packaged, and is in		on according to applicable	regulations.	
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Melelelin nations	The same of the sa	river Signature		elivery Date
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hereby certify that the above named	naterial has been accepted and	to the best of my knowled	ge the foregoing is true	and accurate.
			्रेट विस्तरम	71/6/1/
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Waste	No. 7.32212
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いまします。 ストリー・ストン・ストン・ストン・ストン・ストン・ストン・ストン・ストン・ストン・ストン	在一个时间,我们就是这个时间,我们就是一个人的,我们就是一个人的。这个时间,我们就是这个人的,我们就是一个人的。 第一个人的,我们就是我们的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是我们的,我们就是一个人的,我们就是我们的,我们就是我们的,我们就是我
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Generator Name Controls () Structure	Generating Location CNE level COLE ANS FOR ITS
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1000 KISB # (APP194673 - OGG) - 27514 660 1 X 100 1 X	CONTRACTATION OF THE STATE OF T
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BFI Waste Code UA HOS IN 11894	Quantity Units No. Type D. Drum
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I hereby certify that the above named material does not contain state law, is not a hazardous waste as defined by 40 CFR Part	
classified and packaged, and is in proper condition for transportal	
CACTRONS XVIJEZI	
Generator Authorized Agent Name	Shipment Date
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Transporter Name <u>とし</u> りing	Driver Name (Print) <u>MAXHAN MみがDAXA</u>
	Vehicle License No./State
	Vehicle Certification
hereby certify that the above named material was picked up at the generator site listed above	hereby certify that the above named material was delivered with- out incident to the destination listed below.
Driver Signature Shipment Date	Driver Signature Delivery Date
DESTINA	ATION
Site Name Bit-L-LaidPII	
	SPhone No. Para Special Specia
Address LIDOL N. ValouRoad Livity Marketter	
hereby certify that the above named material has been accepted and	to the best of my knowledge the foregoing is true and accurate.
	THE WILL SEE TO THE TENTH OF TH
ame of Authorized Agent	Receipt Date Z

No. 732202

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENE	RATOR
Generator Name <u>CS HVSM3 8 0 5 1 5 8 4 * * * * * * * * * * * * * * * * * *</u>	Generating Location Section 2001 At Factory. Address 2000
Ocklards (A 74023 = Occobest	ONCINE POLICE OF THE PROPERTY
Phone No. 5 17 6 2 2 9 6 6 4 3	Phone No.
BFI Waste Code CA A 6 S UCBAA	Quantity Units No. Type D Drum
Petroleum Impacto Soil	B - Bag T - Truck P - Pounds Y - Yards O - Other
I hereby certify that the above named material does not contain state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, ation according to applicable regulations.
CALTRANS Generator Authorized Agent Name Canada Service Signature	7 7 2 7 9 7 Shipment Date
TRANS	PORTER
Fruck No.	TECP C24 608 WILL
Truck No. Transporter Name LS PC25	Phone No. Driver Name (Print) MAR MAN MYNDAR
Address 275-Ltb	Vehicle License No./State
hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered with- out incident to the destination listed below.
Driver Signature Shipment Date	Driver Signature Delivery Date
DESTIN	IATION
Site Name BFI Lavor III See See See See See See See See See	Phone No. 5 [10]—[4] [4] [4] [4] [4] [5] [1] [1]
hereby certify that the above named material has been accepted ar	
Name of Authorized Agent Signature	Receipt Date
	PASS CODE.



e. Operator's* Name & Title:

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV. If waste is NOT asbestos waste, complete only Sections I, II and II

No. 606443

11 44000 10 1101 0000000 110101	complete only Sections 1, 11 and 112	
Section I. 4. Generator completes all of Section I)		
a. Generator Name: CM/trans District b.	Generating Location: Oakland Ober Starty	
クェク いっつノノス	Address: 355 Alegenbergor Rd	
Oakland (19 94623-0660	Oakland CH 94623	
e. Phone No.: 510 - 286 - 5643 f.	Phone No.:	
owner of the generating facility differs from the generator, provide:	•	
g. Owner's Name: $V/V/(V \cap S)$ h.	Owner's Phone No.:	
i. BFI WASTE CODE 5 4 9 5 1 1 1 9 9 4	Containers DM - METAL DRUM DP - PLASTIC DRUM DP - PLASTIC DRUM	
j. Description of Waste: Petrolem Impacted	k. Quantity Units No. TYPE B - BAG BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER	
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is nor any applicable state law, has been properly described, classified and packaged, and applicable regulations; AND, If the waste is a treatment residue of a previously rest Restrictions, I certify and warrant that the waste has been treated in accordance with the a hazardous waste as defined by 40 CFR Part 261. Generator Authorized Agent Name Signature	d is in proper condition for transportation according to ricted hazardous waste subject to the Land Disposal Y - YARDS	
<u> </u>	mplete a-d; Transporter I complete e-g)	
a. Name: V29 VIVICINO TVUL	h. Name: ///// Dia G	
b. Address: 67 1700 Transfing 7502	i. Address: パロののサ 316 月12136004	
~ 10 13 02 310 Plyses CA	95002111. 1.	
c. Driver Name/Title:	j. Driver Name/Title: Sakara Mall	
PRINT/TYPE I. Phone No.:	k. Phone No.: PRINT/TYPE I. Truck No.:	
Vehicle License No./State:	m. Vehicle License No./State: 403/334 Acknowledgement of Receipt of Materials.	
Driver Signature Shipment Date	n. Driver Signature Shipment Date	
	letes a-d, destination site completes e-f.)	
. Site Name:		
	d. Mailing Address:	
1 1 VE 1 MOVE 1 01 94550		
e. Discrepancy Indication Space:		
I hereby certify that the above named material has been accepted and to t	he best of my knowledge the foregoing is true and accurate.	
Muy		
Name of Authorized Agent Signature	Receipt Date	
Section_IV ASBESTOS (Generator comple	te a-d, f, g, Operator * completes e.)	
. Operator's* Name:	b. Operator's* Phone No.:	
Operator's* Address:		
Special Handling Instructions and additional information:	•	
PERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment acked, marked, and labeled, and are in all respects in proper condition for transport by	at are fully and accurately described above by proper shipping name and are classified, highway according to applicable international and government regulations.	



If waste is aspestos waste, complete Sections I, II, III and IV.

No. 529999

If waste is NOT aspestos waste, complete only Sections I, II and III.

34.914	The second secon	
	ator completes all of Section I)	
a. Generator Name: CGHraws District 41	Generating Location: Caltrains Oaklo	nd Analysis
	Address: 555 Hogenberger 2008	
()akland (A 94673-0660 (Here Carlond (Y James 184	62347
A STATE STATE AND THE STATE OF T	Phone No.: Non	
If owner of the generating facility differs from the generator, provide:		
	Owner's Phone No.: 510 - 786 - 5643	
		TYPE
BFI WASTE CODE. () - 105 111891	40280 Containers	DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste: Petroleum Impacted Soil	k Quantity Units No. TYPE	B BAG BA 6 MIL PLASTIC BAG
		T TRUCK
하는 것이 되는 사람들은 사람들이 되었다. 그 경험에 가장 한 경험을 하는 것이 되었다. 그 사람들은 사람들이 되었다. 그 것은 사람들은 한 사람들은 사람들은 것이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은		OOTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is no rany applicable state law, has been properly described, classified and packaged, and	d is in proper condition for transportation according to	P - POUNDS
applicable regulations; AND, if the waste is a treatment residue of a previously rest Restrictions, I certify and warrant that the waste has been treated in accordance with t	ricted hazardous waste subject to the Land Disposal the requirements of 40 CFA Part 268 and is no longer	Y A YARDS M3 - CUBIC METERS
a hazardous waste as defined by 40 CFR Part 261		Y3 CUBIC YARDS O OTHER
CALTRANS XNOTA to	1/1/2/19/4	
Generator Authorized Agent Name	and the second s	
Section II (Generator, co	mplete a.d. Transporter II complete e.g.)	
TRANSPORTER I	TRANSPORTER	
a. Name:	h Name:	
b. Address: 275 LEO AVE	i. Address:	ALCONOMIC TO THE PARTY OF THE P
L SAN JOSÉN		
The State of the control of the State of the	No. of the second secon	
c. Driver Name/Title: MAKUAN MASUNASA PRINT/TYPE Phone No.: 6004574137 e Truck No.: 100	j. Driver Name/Title:	さいぎ にほくたむ アコン あみ へはべ とめ コラ いこ しょうこうじ
J. Phone No.: e. Truck No.:	k. Phone No.:	I, I ruck No.
Vehicle License No./State: 9A38565 A	m. Vehicle License No./State	
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materia	
Methan Danbor 111211914	n	
	Driver Signature (%) letes a-d, destination site completes a-t.)=	Shipment Date
	A CONTRACTOR OF THE PROPERTY O	
a Side Manie.	VO. 1 110110 140.1	Δ. T. S.
p. Physical Address: 4001 N. Nasto Road	d. Mailing Address: <u>૧૦૦૧ N. Սուշ</u>	
Liucimore (A 94550	Livermore (CA	44550
e. Discrepancy Indication Space:		
I hereby certify that the above named material has been accepted and to t	he best of my knowledge the foregoing is true an	d accurate
		$\mathcal{A}_{\mathcal{A}}$
Name of Authorized Agent Signature	Receipt Date	
	ne a-d g Operator completes e)	
. Operator's Name:	b. Operator's Phone No.:	ner net transform i Fritzell (n. 1865). Titalografia eta alia eta eta eta eta eta eta eta eta eta et
Operator's Address:		
Special Handling Instructions and additional information:	A STATE OF THE STA	
The state of the s	The first and the second of th	and the second of the second order

acked, marked, and labeled, and are in all respects in proper condition for transport e. Operator's * Name & Title



f waste is asbestos waste, complète Sections I, III and IV ***
If waste is NOT asbestos waste, complete only Sections I, II and III

No.: 529996

Section: I. GENERATOR (Gener	ator completes all of Section () as a second section ().
a Generator Name: Collina Struct Collina b	Generating Location Colling St. Oak Lond Fooling
Address: Po Box 23670	Address: 555 Agen Liver Pood
OGH10 × 9 32 ((A+94033) FOCCO (A) 30 324 324 324	OGICIEND LA FALCE DE MARE
The control of the co	
Phone No. 510-286-5643	Phone No. None
f owner of the generating facility differs from the generator, provide:	
g. Owner's Name: Caltions (10 Dave Mohonty h.	Owner's Phone No.: 570-284/5643
g. Owner's Name;	TYPE
BFI WASTE CODE A A O S 111 1 994	4099 Containers DM METAL DRUM
	DP PLASTIC DRUM B BAG
Description of Waste Petroleum Impacted Soil	Ouantity Units No. TYPE BA - 6 MIL PLASTIC BAG
Description of Waste.	T TRUCK
	O SOTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is n	of a hazardous waste as defined by 40 CFR Part 261 UNITS
or any applicable state law, has been properly described, classified and packaged, and	d is in proper condition for transportation according to P - POUNDS
applicable regulations; AND, if the waste is a treatment residue of a previously rest Restrictions, I certify and warrant that the waste has been treated in accordance with t	ricted hazardous waste subject to the Land Disposal Y YARDS the requirements of 40 CFB Part 268 and is no longer May - CUBIC METERS
a hazardous waste as defined by 40 CFR Part 261.	CUBIC YARDS
	7//2/19/4 O.OTHER
Generator Authorized Agent Name Signature	
The first of the first of the same at which the second of the same state of the same	
Section II TRANSPORTER (Generator co	Transporter I complete e-g) mplete a-d: Transporter II complete h-n)
TRANSPORTERI	TRANSPORTER II
I Name: ES PINES Trucking	
1. Name: CDVNeDTCCNag	h. Name:
o. Address:	i. Address:
Driver Name/Title: Gverg-Selffice	J. Driver Name/Title:
Phone No. 400 277 877 Se. Truck No.: EIO	k. Phone No.:
Phone No. 1997 7 7 7 8. Truck No.:	k. Phone No.:
Vehicle License No./State: 45 41 6	m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
12/1/1011al	
Driver Signature Shipment Date	n.
	Driver Signature Shipment Date
DESTINATION (Generator comp	letes aid destination site completes e-f.)
Site Name: BFI LGAN AL	c. Phone No.: 510 - UU 7 - O 4 91 - 32 - 32 - 32 - 32 - 32 - 32 - 32 - 3
A CHANGE OF THE CONTRACT OF TH	A CAN SELF MARKET A SELF M
. Physical Address:	d. Mailing Address:
ENEMONT: 14 14550 (1) 15 16	Living A. 9-1550
Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted and to t	he best of my knowledge the foregoing is true and accurate
11.2	
//01	
Name of Authorized Agent Signature	Receipt Date
Section=IV	ste a-d, (, g, Operator completes e.)
	The second of th
. Operator's* Name:	b. Operator's* Phone No.
. Operator's* Address:	
· Operator a Mudress.	
그리다 아니다 나는 아이를 그리고 화목점을 통해 전혀 하다는 지방 화물함에 취임하다 하는 나는 것 같다.	
. Special Handling Instructions and additional information:	

packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and go



Waste Waste	732203 No. 732203
Systems NON-HAZARD	OUS SPECIAL WASTE MANIFEST
GENE	RATOR
Generator Name	Generating Location Cox local College Local College
	Address 55 Hese Verse Road is the
OAKICA: 194673: 0060.	ETQ PP AN EXOLUTION
Phone No. 5 1월 이 글 일 63 63 53 6 14 3 3	Phone No.
BFI Waste Code CA 455 COLORS	A O 2 8 O Containers 4 NType
Description of waste that the same of the	Quantity Units No. Type C. Cadan
Detrotrum Manager Bets of Mustort & Company	B Bag T Truck
	P Pounds Y Yards
	O - Other
I hereby certify that the above named material does not contain	free liquid as defined by 40 CFR Part 260.10 or any applicable
state law, is not a hazardous waste as defined by 40 CFR Pa classified and packaged, and is in proper condition for transpor	t 261 or any applicable state law, has been properly described atton according to applicable regulations.
CATRANS	7/2/77
enerator Authorized Agent Name TRANS	Shipment Date PORTER
ruck No.	Phone No. (4/4/2) 275 - 8775
Transporter Name	PDriver Name (Print) SVCQ4 SACCA
ddress ZTS LEO)	Vehicle License No./State 9A-54-116
PALESCENCE OF THE PROPERTY OF	Vehicle Certification
Thereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered with- out incident to the destination listed below.
Driver/Signature Shipment Date 19	Driver Signature 2 2 Delivery Date 2
DESTI	VATION
ite Name <u>BFN LevidENI</u>	Phone No. 6 0 - 4 H 7 0 9 9 0
Address HUOL Na Vasconka a MELivemon	CAN FLECT
hereby certify that the above named material has been accepted a	nd to the best of my knowledge the foregoing is true and accurate.
	REVER TO THE
ame of Authorized Agent Signature	Receipt Date



If waste is asbestos waste, complete Sections I, II, III and IV. No. 529995

If waste is NOT asbestos waste, complete only Sections I, II and III.

If waste is NOT asbestos waste,	complete only Sections I, II and III
the control of the co	ator completes all of Section I)
	Generating Location: CONTON'S Oak land Feet My Essential
	Address: #555 Higen Devger Road
Oakland (A 94623-0660	Oakland (A 94623)
e Phone No.: 510-286-5643	Phone No.: None
If owner of the generating facility differs from the generator, provide:	510-786-5643
g. Owner's Name: Caltrans (10 Dave Mohanty h.	Owner's Phone No.: 5/0-266-5643
BFI WASTE CODE () A A O S - 1 - 1 1 8 9 4	Containers DM - METAL DRUM
Description of Waste: Petroleum Impacted Soil	R Quantity Units No. TYPE B BAG BA 6 MIL PLASTIC BAG
Description of Waste	T TRUCK
	of a hazardous waste as defined by 40 CER Part 261
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is n or any applicable state law, has been properly described, classified and packaged, and	d is in proper condition for transportation according to P POUNDS
applicable regulations; AND, if the waste is a treatment residue of a previously rest Restrictions. I certify and warrant that the waste has been treated in accordance with	
a hazardous waste as defined by 40 CFR Part 261.	ONOTHER
Generator Authorized Agent Name Signature	Shipment Date
Section II TRANSPORTER (Generator of	Transporter I complete e-g) (1) (2) (3) (3) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
(TRANSPORTER)	(TRANSPORTER II
a. Name: 63 1725	h. Name: 5. 1. VILES
o. Address: 275 Leo AUG	i Address: 27 St. Lay Ams
SANDOSO	
Driver Name/Title: En Jun President	Driver Name/Title Carlo PRINT/TYPE
1. Phone No.: 408 ラフタをフスタ e. Truck No.: 5775	k. Phone No.: 379-8771 Seel Truck No.: CT5
Vehicle License No./State: 9845569	m. Vehicle License No. / State: 9.0.455.64
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials.
(4) 100 1113194	112/94
Shipment Date Shipment Date Shipment Date Shipment Date Shipment Date Section III DESTINATION (Generator comp	Driver Signature Shipment Date
A CONTRACTOR OF THE PROPERTY O	PIONE FULL VISABLE CONTRACTOR
i. Site Name.	Hool N Nacco Park
Physical Address: SIGO N. VOSCO PLOCO.	d. Mailing Address: Lucragne (A 94550
Discrepancy Indication Space: I hereby certify that the above named material has been accepted and to the second	the best of my knowledge the foregoing is true and accurate
Thereby Certify that the above harmed material has been accepted and to the	The best of my nowledge the totagoing is the and account.
μ	
Name of Authorized Agent Signature	Heceipt Date
Section: IV. ASPESTOS (Generator comple	
. Operator's* Name:	b. Operator's* Phone No.:
. Operator's Address:	
Special Handling Instructions and additional information:	

PERATOR'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 government regulations.



Un Waste	No. 732201
BROWNING-FERRIS INDUSTRIES NON-HAZARI	OUS SPECIAL WASTE MANIFEST
GEN	ERATOR
Generator Name COLAYONS DUSEANCE	_ Generating Location Oaklands Latvius Ficely
Address O Box 123660	Address 55 Uginuerge : PORU
Oakland (A 941623-0660)	N SESSIPPE AS ELEMANT
The second secon	Phone No.
Phone No. DIMO 2866663	Containers Type
BFI Waste Code P Description of Waste P Desc	Ouantity Units No. Type C - Carton B - Bag
	P - Pounds Y - Yards O - Other
I hereby certify that the above named material does not conta state law, is not a hazardous waste as defined by 40 CFR P classified and packaged, and is in proper condition for transpo	in free liquid as defined by 40 CFR Part 260.10 or any applicable art 261 or any applicable state law, has been properly described, ortation according to applicable regulations.
CALTRANS 37NVSho	1/1/2/19/4
Generator Authorized Agent Name	Shipment Date SPORTER
Truck No. 555	Phone No. 401 279 5725
Transporter Name E A TUBS 1/69	生 Driver Name (Print) 上告 ハッドルちり
Address DIF Leo Rus	Vehicle License No./State 9045564
I hereby certify that the above named material was picked up	Venicle Certification hereby certify that the above named material was delivered with-
at the generator site listed above.	out incident to the destination listed below.
Driver Signature	Driver Signature Date 7
	INATION
The second secon	KN PART PART TO THE PART OF TH
Site Name BF Landrill	Phone No.
Address HOOL N. Vasio Kood Shyrim	TOW TO SELECTION TO THE SECOND OF THE SECOND
I hereby certify that the above named material has been accepted	and to the best of my knowledge the foregoing is true and
Name of Authorized Agent Signature	Control of the Contro
	PART OF THE PART O

TRANSPORTER RETAINS



If waste is asbestos waste, complete Sections I, II, III and IV. No. \$29997

Section 1	GENERATO	R:(Generators completes all of S	ection3)	
a. Generator Name: Co	是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	b. Generating Location	Caltrans Oakla	Na Facility
c. Address: - PO BOX	"我们就是我们的,我们就是我们的,我们就是一个时间,我们就是我们的,我们就是这个时间,我们就是这个时间,我们就是这个时间,我们就是这个时间,我们就是这个时间,他	d. Address: 1555	Hyunberger Road	
	(A) 94623-0660	ζονχί	ma (a"gilcia	
e. Phone No.: 5/0%	પ્રાઉ-5643	f. Phone No.:		
Commencer of the commence of t	facility differs from the generator, provide		510-286-56 ¹	13 (* ¹
g. Owner's Name: <u>CO</u>	tions (10 Davi Mohonty	h. Owner's Phone No		TYPÉ
i. BFI WASTE CODE	CAHOSIIII8	94 4028	Containers	DM - METAL DRUM DP - PLASTIC DRUM
j. Description of Waste:	Petroleun Impacted Soil	k. Quantity	Units No. TYPE	B BAG BA - 6 MIL. PLASTIC BAG or WRAP
			8 1 2 3 5 7	T TRUCK O OTHER
GENERATOR'S CERTIFICA	ATION: I hereby certify that the above named ma	aterial is not a hazardous waste	as defined by 40 CFR Part 261	UNITS
applicable regulations; AND	has been properly described, classified and pac , if the waste is a treatment residue of a previ arrant that the waste has been treated in accord-	ously restricted hazardous was	te subject to the Land Disposal	P POUNDS Y YARDS M3 - CUBIC METERS
a hazardous waste as defin		ance with the reduitements of 40	C) (t rait 200 and is no longer	Y ³ - CUBIC YARDS O - OTHER
CALTRAA			12194	
Generator Authorized Agen	and the contract of the contra	nerator complete a-d; Transpor	Shipment Date ter I complete e-g a	
Section 11	TRANSPORTER I	nerator complete a-o, 5 ranspor	TRANSPORTER	II
a Name: Dy	4D 5	h. Name:		
[1] Fraction (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Wels Missour	i. Address:		
HELD POST FOR THE STATE OF THE	1945601		i (1888) (188	
c. Driver Name/Title:	NID A DESKUISSFAN		Title:	NT/TYPE
d. Phone No.: 510 1	TH 2038 e Truck No.: D	k. Phone No.: _		I. Truck No.:
fc Vehicle License No./Sta	ile: 3A39842	m. Vehicle Licens	No./State:	
Acknowledgement of	Receipt of Materials.	Acknowledge	ment of Receipt of Materia	als.
NA Jourd 100	Is (man 1 1 2 1	914		
Section III	Shipment Dat DESTINATION (Gener	Driver Signature		Shipment Date
The state of the s	Landlill	c. Phone No.:	510:447=20491	
	OOL N. Vacco Road	d Mailing Addres	Flool N. Vasio	Pool
			Livermone	945 3 0
e. Discrepancy Indication S	Soace			
一 1 ま かいこう へいこうけがは発酵の配置	above named material has been accepted	I and to the best of my know	ledge the foregoing is true ar	nd accurate.
		WY Th	12170	
f. Name of Authorized Agent	Signature		Receipt Date	- Branch Commence
Section IV	ASBESTOS (Genera	tor complete a.d. f, g, Operator	completes e.)	
a. Operator's* Name:		b. Operator's* P	none No.:	
c. Operator's * Address: 🖸			The state of the s	The state of the following between the state of the state
	tions and additional information:		No. of the second of the property of the second of the sec	4,000



GENERATOR			
Generator Name			
Address Do Casa 775600 with the Address Do Caron Wilson Scool Management			
Caribal CA 94423 OCCO WE CERTAN CALLERY			
Phone No. DICO 2203650433			
BFI Waste Code CA 405 11 11 (8944) (10280) Containers D. Dr.			
Potrolium Importus Schiller B. Bar	rton g		
T - Tru P - Poi Y - Yar	unds		
O-Oth	480 C. J		
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described classified and packaged, and is in proper condition for transportation according to applicable regulations.	e :		
CHUTKAUS:	7 57		
Generator Authorized Agent Name Shipment Date Shipment Date TRANSPORTER	e Calle		
ruck No. 2038			
	n		
Transporter Name (Print)			
Address 813514 (ECCS 1851) Vehicle License No./State 3939843			
Vehicle Certification hereby certify that the above named material was picked up to the labove named material was delivered we	vith-		
at the generator site listed above			
Driver Signature State S			
DESTINATION ETEROS TOTAL DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR			
Site Name Phone No. Phone No.			
Address 1900 Mario Road & Crymer (A. 1950). Fig.			
hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accura	te.		
laine of Authorized Agent. Signature Receipt Date	*		
and or numerical region of the second of the			

∾∾. 732208

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR Generating Location (1) (3) Type - Drum Carton - Bag T - Truck Pounds - Yards O - Other I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations CALTRANS Generator Authorized Agent Name TRANSPORTER Phone No. 2000 Vehicle License No./State シオーウェ(し) Vehicle Certification I hereby certify that the above named material was delivered with nereby certify that the above named material was picked up the generator site listed above out incident to the destination listed below. iver Signatur I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate Manager Signature

PASS CODE



waste is asbestos waste, complete Sections I, II, III and IV. * 3 No. *530000 waste is NOT asbestos waste, complete only Sections I, II and III.

a. 1975 in station (Fed.) is defined, in the property of the property of the company of the comp	OT asbestos waste, complete only Sections I, II and III
Section I. GEN	ERATOR (Generator completes all of Section I) is a same said to the same said and the same said to the same said to the said t
a. Generator Name: COH CAS & D. ST. C.	あ。Generating Location といけるの この K Lond 上面 いしょう
Address: PO Box & 23 CGO White States	d Address: 555 Sharbirger Road
0000 ETOPP ANG DAOLY O	ONKIND SEESPER AS BUNIARO
: Phone No.: 510-2%6と56円3。	I. Phone No.
f owner of the generating facility differs from the generato	or, provide:
). Owner's Name: <u>Crittinials</u> : (/o> Dove Mo	
BFI WASTE CODE CA A OS III	1894, 4028 Containers DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste: Petrolcom Imported	So \ k Quantity Units No. TYPE B - BAG, BAG - 6 MIL PLASTIC BAG
	T TRUCK
GENERATOR'S CERTIFICATION I hereby certify that the above	e named material is not a hazardous waste as defined by 40 CFR Part 261
or any applicable state law, has been properly described, classifi	ed and packaged, and is in proper condition for transportation according to P - POUNDS
Restrictions, I certify and warrant that the waste has been treated	e of a previously restricted hazardous waste subject to the Land Disposal Y - YARDS din accordance with the requirements of 40 CFR Part 268 and is no longer Y3 - CUBIC METERS Y3 - CUBIC YARDS
a hazardous waste as defined by 40 CFR Part 261	O · OTHER
Generator Authorized Agent Name Sighature	Shipment Date
A transfer of the control of the con	TER (Generator complete a d. Transporter II complete e g.)
	TOANDODTED II
Name Work The County // U(1	GNO TRY (Mame:
Address: P.0 BOX 3/0 &	I. Address:
1411158 CC 9800	Loss / Audiess
Diver Name / Tel Da Te Class	
Diver Mailler Title.	Driver-Name/Title: Steroots See Print/TYPE
Phone No.: 5/0 14/1 2031 e. Truck No.	k. Phone No.
Vehicle License No./State: 400 4	m. Vehicle License Ne / State:
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials
	Shipment Date Driver Signature Shipment Date
	Shipment Date Shipment Date Shipment Date N (Generator completes a-d, destination site completes e-f.) s
Site Name: 8F1 LondP:\\	1 7457n : 447-0497
One Ivalue.	d Mailing Address: 4001 N Vasco Road
Physical Address: ATOOL N. Was Co. Kood. Live Mark (A. 14550)	d Mailing Address: 1001 N V 05(0 K 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Discrepancy Indication Space:	。 第1864年 1965年 1
I hereby certify that the above named material has been	accepted and to the best of my knowledge the foregoing is true and accurate.
	MW 1/2/99
Name of Authorized Agent Signature	Receipt Date
ection IV ASBESTO	S (Generator complete a-d, 1, g, Operator Completes 9.) 252 985 252 253
Operator's* Name:	b. Operator's Phone No.:
Operator's * Address:	
Special Handling Instructions and additional information:	
PERATOR'S CERTIFICATION: I hereby declare that the content	s of this consignment are fully and accurately described above by proper shipping name and are classified,
cked, marked, and labeled, and are in all respects in proper cond	ition for transport by highway according to applicable international and government regulations.

e. Operator's Name & Title:



Waste Waste	/ No. 7.32209		
Systems NON-HAZARDOUS	SPECIAL WASTE MANIFEST		
GENERATOF			
	ting Location CGH/6VS (Ocksided CTESS)		
OSKISKA 996232060 # 24444	ORVIGATION OF THE LABORS OF		
Phone No. 5 17 0 - 2 8 6 5 6 4 3 Phone			
SFI Waste Code CM 1105 1110 110 11 110 110 110 110 110 11	Containers Type Quantity Units No. Type D - Drum - C - Carton B - Bag T - Truck		
	P Pounds Y - Yards O - Other		
I hereby certify that the above named material does not contain free liquestate law, is not a hazardous waste as defined by 40 CFR Part 261 or classified and packaged, and is in proper condition for transportation acc	any applicable state law has been properly described,		
CALTRANS Senerator Authorized Agent Name Signature/s	7 7 2 7 9 4 Shipment Date		
TRANSPORTE	The second state of the se		
ruck No.	205733 - 324		
	License No./State 4 W 0 Y 378		
	Certification		
	certify that the above named material was delivered with- dent to the destination listed below.		
All John Shipment Date 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	nature 2002 2002 2002 2002 2002 2002 2002 20		
DESTINATION			
ite Name Balandy 11	The state of the second		
ddress 41001 No. Vasio Road Twambar (A. 1894)			
hereby certify that the above named material has been accepted and to the	best of my knowledge the foregoing is true and accurate.		
arne of Authorized Agent	Receipt Date		



NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR Generating Location §Type Drum Carton Bag - Truck - Pounds Yards O - Other I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations TRANSPORTER Vehicle Certification I hereby certify that the above named material was delivered with ereby certify that the above named material was picked up generator site listed above out incident to the destination listed below. hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate



NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR			
Generator Name Cantruns Description Genera	ting Location On Kland Collings From National		
	555 Elligenberger Rood		
Cakland CA3946283 OGGO.	Oavion - CA 294623		
Phone No. 5 1 0 = 23 8 6 6 6 4 3 Phone	No.		
BFI Waste Code CAL HIOS IS IS IN COST HIS HELD	Containers Type D Drum C - Carton		
Pritrollium Imparted soils	B - Bag T - Truck		
	P - Pounds Y - Yards		
I hereby certify that the above named material does not contain free ligh			
state law, is not a hazardous waste as defined by 40 CFR Part 261 or classified and packaged, and is in proper condition for transportation acc	any applicable state law, has been properly described,		
CALTRAWS Benerator Authorized Agent Name	11/2/194 Shipment Date		
TRANSPORTE			
ruck No. Phone N	√ । 570 चिप्पे ३०३टः		
	lame (Print) (I chin de Call		
Address Vehicle	License No./State		
	Certification		
	certify that the above named material was delivered with-		
out inclo	lent to the destination listed below.		
Oriver Signature	dture 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
DESTINATION			
lite Name BFI ALSO PAI	Phone No. 5 / 62 - 43 4 7 0 4 9 /		
ddress LICOL N. Vasio Road ELEVERNOW (A 194			
hereby certify that the above hamed material has been accepted and to the I	best of my knowledge the foregoing is true and accurate.		
	WYP TXDVVV		
ame of Authorized Agent Signature	Receipt Date		



NON:HAZARDOUS SPECIAL WASTE MANIFEST

	GENERATOR		
Generator Name	Generating Location (C) C (V) DV0		
Address Here Was Address House Poble			
Gakland (A = 946z	3-0600 - Ookland * (A. 294023)		
Phone No. <u>5 [20</u>] 출장 65 (314) 3	Phone No.		
BFI Waste Code CA A 6 S 1111	89.4 4 6 280 Containers Type D. Drum		
Petroleum (Impaded Soll Soll	C - Carlon B - Bag		
	T Truck P Points		
	Y - Yards O - Other		
	s not contain free liquid as defined by 40 CFR Part 260.10 or any applicable		
	40 CFR Part 261 or any applicable state law, has been properly described, for transportation according to applicable regulations.		
	SHENZE VILLEVERHE		
Renerator Authorized Agent Name	TRANSPORTER		
-29	1949 JUNE 1049 0491		
ruck No. Transporter Name VIII	Phone No. Driver Name (Print)		
ddress Z-15 UKO	Vehicle License No./State 4/81354		
	Vehicle Certification		
hereby certify that the above named material was picket	ed up 🔭 🛂 hereby certify that the above named material was delivered with-		
at the generator site listed above	out incident to the destination listed below.		
Driver Signature Shipment	Date 2 Driver Signature Delivery Date		
DESTINATION			
ite Name Bri LandPill	Phone No SICO - 17-127-104-19-12		
Address HOV N Vostensega Livens			
hereby certify that the above named material has been	accepted and to the best of my knowledge the foregoing is true and accurate.		
	WHT THAT IN A VIEW		
ame of Authorized Agent	Signature Receipt Date		
hereby certify that the above named material has been	accepted and to the best of my knowledge the foregoing is true and accurate.		



If waste is aspestos waste, complete Sections I, II, III and IV.

No. 529992

If waste is NOT asbestos waste	, complete only Sections I, II and III.
Section 1 Generator (Gene	erator completes all of Section I)
a. Generator Name: Coltrans District H.	Generating Location: "Dovland Cattrons Facility
€ Address: Po Box 23660	Address: 555 Negenberger & Road
Carlons (2) 44625-0660, 150	Oaylan (A 94623
e. Phone No.: 510 -286- 5643	Phone No.: Now
f owner of the generating facility differs from the generator, provide:	
	Owner's Phone No.: 510 - 286 - 5643
BFI WASTE CODE CA 405 111894	TYPE Containers DM METAL DRUM DP PLASTIC DRUM
j. Description of Waste: Petroleum Imported Soil	k Quantity Units No. TYPE BA - 6 MIL PLASTIC BAG
j. Description of waste.	1 8 Y T TRUCK O OTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is	not a hazardous waste as defined by 40 CFR Part 261
or any applicable state law, has been properly described, classified and packaged, ar applicable regulations; AND, if the waste is a treatment residue of a previously researching. I certify and warrant that the waste has been treated in accordance with a hazardous waste as defined by 40 CFR Part 261.	stricted hazardous waste subject to the Land Disposal Y YARDS
· CALTRANS Antoly	1/2294
Generator Authorized Agent Name Signature	Shipment Date
Section II TRANSPORTER (Generator of	Transporter I complete e-g)
TRANSPORTER I	TRANSPORTER II
a. Name:	h. Name
b. Address: 215 1 Uk O	I. Address:
De CA	
c. Driver Name/Title: (St CO) State	3) Driver Name/Title:
. Phone No.: e. Truck No.:	k. Phone No.: 1. Truck No.:
1. Vehicle License No./State:	m. Vehicle Licerse No./State:
Acknowledgement of Receipt of Materials	Acknowledgement of Receipt of Materials.
12254	
Driver Signature Shipment Date	Driver Signature Shipment Date
Section III DESTINATION (Generator com	pletes a-d roestination site completes e-1)
a. Site Name: BFI LovidP. II	C. Phone No.
Physical Address: 4001 N. Vosto &660	d. Mailing Address: Al DOL: N. Visco Road
Livernore (A 94550 F	Lucimbre (A 14550
Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted and to	the best of my knowledge the foregoing is true and accurate.
11.11)
Name of Authorized Agent Signature	Receipt Date
Section IV ASBESTOS (Generator comp	and the state of t
The Control of the Co	
. Operator's* Name:	_ b. Operator's Phone No.:
c. Operator's* Address:	

PERATOR'S CERTIFICATION: I hereby de 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 government regulations.



NON-HAZARDOUS SPECIAL WASTE MANIFEST

	GENERATO	OR	
Generator Name	Gen	erating Location <u>പെട്</u> രിട്ടു	owas standay
ddress PO Box 73GC street		655 U.J. Vigir	All the second of the second o
Carland CA 99623-30	通過2月1日日本	OGKIGNETICATERIO	
hone No. らしつ 一 Z 8 G 5 G	<u> </u>	ne No.	
BFI Waste Code C A H 6 5 18	* [3] 23 97 94 47	10280	Containers Type
Description of Waste Prince Importable 5601		Quantity Units	SOUND SETTING TO SEE SEE SEE
			T Truck
			Y = Yards
I hereby certify that the above named materi	al does not contain free	liquid as defined by 40 CFB Pa	
state law, is not a hazardous waste as defin classified and packaged, and is in proper cor	ed by 40 CFR Part 261	or any applicable state law, has	been properly described,
	11. /2./1		7/4/3
	ature And	Shipment Shipment	Date Cost
	TRANSPORT	IER	
ruck No.	Phon	e No	的第字列
Transporter Name <u>ESP</u>		r Name (Print)	
ddress 275 FCO	Vehic	de License No./State $\frac{QC}{C}$	<u> </u>
	Vehic	cle Certification	
hereby certify that the above named material wa at the generator site listed above.		eby certify that the above named cident to the destination listed b	
Driver Signature		Signatule	Delivery Date
DESTINATION			
Site Name BELL LANGEM		Phone No. 5 Color	HILDIPORTE
ddress Hool N. Vosto Road, L	A) NOM 20	्रिमिड्ड० । १८००	
nereby certify that the above named material ha	been accepted and to the	ne best of my knowledge the for	egoing is true and accurate.
tme of Authorized Agent	Signature		Receipt Date
and or Authorized Agent	anignatura (11. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	The state of the s



NON:HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR			
Generator Name	enerating Location Explanation October 21 - 12 Control Control		
	ndress 555 (41) CENU (457 + Kroad File Mail 1986)		
Carical Cash 19122 Forces	Carlowal tag 94023		
Phone No. 5 19 6 7 6 9 5 6 9 5 6 9 5 6 9 6 9 6 9 6 9 6 9 6	none No		
BFI Waste Code CW AW I W 129 124	A 62 86 Containers : Type		
Petroleum Amported Soil	C - Carton B - Bag		
	T - Truck P - Pounds		
	, Y - Yards O - Other		
I hereby certify that the above named material does not contain fre state law, is not a hazardous waste as defined by 40 CFR Part 26	or any applicable state law, has been properly described,		
classified and packaged, and is in proper condition for transportation	n according to applicable regulations.		
Penerator Authorized Agent Name Signature	Shipment Date		
TRANSPO	RIFER		
ruck No. Ph	one (42) 7.79: 8775		
	ver Name (Print)		
Address 275 LKO Ve	hicle License No./State 2024392		
	hicle Certification		
	ereby certify that the above named material was delivered with- t incident to the destination listed below.		
112194	CO SURVEY		
Driver Signature Shipment Date Driver Signature Driver Si	er Signafure Delivery Date		
Address LUO N. VSIS Road Livernois (A	Phone No. 13 P		
	and the company of the party of		
hereby certify that the above named material has been accepted and to	the best of my knowledge the foregoing is true and accurate.		
lame of Authorized Agent Signature	Receipt Date		