Closure Plan

Underground Storage Tank Removal and Replacement

63/10/55

prepared for Clear Print Paper Company 1482 67th Street Emeryville, California 94608

prepared by
Marcor of California, Inc.
2601 Barrington Court
Hayward, California 94545

written by:
John H. Pruett III
reviewed by
Robert F. Flory, R.G.

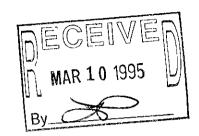


MARCOR of California, Inc.

2601 Barrington Court Hayward, CA 94545

March 10, 1995

Ms. Susan Hugo-Hazardous Materials Specialist Alameda County Environmental Health Department 1131 Harbor Bay Parkway, 2nd Floor Alameda, CA 94502



Subject:

Clear Print Paper Company

Closure Report

MARCOR Job #SF-00554-001

Dear Susan:

Please find attached the required closure report for the above referenced project. I would ask that after you complete your preliminary review that you allow both Earl Mau and myself to meet with you to discuss certain points of information.

I apologize for not providing this document to you within the Agency's required time frames, but it's transmission was detained while our company resolved certain financial issues surrounding the project. Where I have made every attempt to compile the information in the manner prescribed by the permit requirements, I remain totally willing to supplement the report in any manner you may desire.

Finally, thank you for your assistance, approach and patience on the project and I look forward to hearing from you at your earliest convenience.

If you have any questions or need additional information on this project, please call me at (510) 732-7888.

Sincerely

John H. Pruett, III

Environmental Department Manager

JHP:cg



MARCOR of California, Inc.

2601 Barrington Court Hayward, CA 94545

PREPARED FOR: CLEAR PRINT PAPER CO.

PROJECT NAME: CLEAR PRINT TANK

REMOVAL

PROJECT NUMBER: SF-00554-001

CLOSURE REPORT

Prepared By:
MARCOR of California, Inc.
2601 Barrington Court
Hayward, Ca 94545

Written By:
John H. Pruett III
and
Reviewed By:
Robert F. Flory, R.G.

Robert F. Flory, R.C

No. 5828

February, 1995

	GENERAL DESCRIPTION OF CLOSURE ACTIVITIES
	DESCRIPTION OF TANK, FITTINGS AND PIPING
3	DESCRIPTION OF EXCAVATION
4	DESCRIPTION OF SAMPLING METHODS
5	DESCRIPTION OF REMEDIAL MEASURES DURING REMOVAL PROCESS
6	TO-SCALE DRAWING TO REFLECT EXCAVATION SIZE AND DEPTH
7	CHAIN OF CUSTODY RECORDS
8	COPIES OF LABORATORY REPORTS
9	COPIES OF MANIFEST FOR ALL WATER, SOIL, TANKS AND APPURTENANCES
10	ACCOUNTABILITY OF ALL NON-MANIFESTED MATERIAL FROM SITE
11	BUILDING PERMITS FOR REMOVAL & INSTALLATION OF UNDERGROUND TANKS
12	MATERIAL SAFETY DATA SHEETS FOR UNDERGROUND STORAGE TANKS
13	
14	

ITEM #1 - DESCRIPTION OF CLOSURE ACTIVITIES

The original scope of work included the following activities:

- a) Submit necessary information to obtain permits to pull tanks and install new mechanical system including above ground storage tank (see attached permits, Item #11)
- b) Layout of the tanks to the extent necessary to cut and remove the concrete sidewalks.
- c) Locate utilities that traverse areas to be excavated
- d) Saw-cut and demolish concrete
- e) Construct secondary containment for new above ground storage tank
- f) Cut and remove all existing piping within building and interior storage cells as well
- g) decontaminate storage cell floor and waterproof thereafter
- i) Install piping from exterior wall near new tank to day tank area on mezzanine
- j) Install new 5,000 gallon above ground storage tank
- k) Install new 250 gallon day storage tank
- Review MSDS and file applications for transportation and disposal of tanks
- m) Removal and disposal of tank product (Refer to Item #9)
- n) Excavate 4 underground tanks at front of building (with piping)
- o) Inert tanks and remove for transportation (Refer to Item #9)
- p) Perform visual inspection of excavated areas to determine (recommend) locations which would most likely be "target areas" for sampling
- q) Excavate those areas necessary to remove visual contamination
- r) Provide dimensional control for all excavated areas subsequent to removal of contaminated soils

- s) Backfill and densify all replacement soils after authorization to backfill
- t) Replace concrete sidewalk after city inspection of reinforcement steel
- u) Submit MSDS, analytical results, quantity of material statements to the TSDF for waste acceptance and disposal prior to haul-off
- v) Set-up telemetry and electrical controls to pump new product from exterior tank to day tank
- w) Run system to "de-bug"
- x) Construct closure report after compiling all disposal receipts
- y) Review documents (in draft form) with owner prior to agency submittal
- z) Submit report to agencies for project closure

ITEM #2-DESCRIPTION OF TANK AND FITTINGS

Tank number one is the tank located six foot east of the south western most end of the Clear Print Paper's property. The north/south co-ordinate of the tanks centerline was ten foot south of the south west corner of the building wall line. The tank is fiberglass in construction and has the dimension's of 8'-0" in diameter x 30'-8" in length as indicated by visual inspection as well as the construction documents prepared by HERTZKA & KNOWLES, ARCHITECTS, A.I.A. of San Francisco which specified a model 88 MUG Owens-Corning tank. The tank was located approximately two feet below the top of the concrete sidewalk surface and was surrounded by two to four feet of pea gravel with some fine grained sand. In addition to the concrete sidewalk, two other structural elements were encountered and removed. These beams were approximately 13" in width and 24" in depth and 12' in length and operated as buttresses to provide lateral support to the building wall and diminish side load pressures that would have been transferred into north side of the underground storage tank. The fine grained sand was slightly discolored to a light gray to gray color. However, no odor was detected. This material was excavated to the bottom of the original excavation (in-situ soil). The last two feet of excavation occurred with standing water in the bottom of the tank excavation area. The tank has two openings that are four inches in diameter and three openings that are two inches in diameter. Two of the pipes that came off the top of the tank actually went into the building and both of the lines were 2" in diameter. Both of these lines were removed from the tank and all the way through-out the building. The condition of the lines at the time of removal for this tank system was good and a visual inspection revealed that no apparent leaks had occurred from time of installation to the time removal. With respect to corrosion, pitting and holes, none were found during visual inspection. However, rib damage of tank reinforcement did occur during the excavation process. The product that was stored in this tank was the Solution Solvent 10 (see attached MSDS). All of this product was removed from the tank on January 25, 1991. Sontrol Solvent 10 has those physical properties indicated on the MSDS shown in Section 12 of the report.

Utilities within the area of excavation included a 2" water line that traversed the center of the tank. A sump pit drain line that was 4" in diameter which was clay tile line. This line was located just west of the tanks end and approximately 4 feet below top of the concrete sidewalk surface. A 2" gas line ran parallel to the tank and approximately 8 feet north of the tank center line. Before the tank was extracted from the tank pit, 15 pounds of dry ice per 1,000 gallons of tank capacity, was placed in tank in an effort to inert the tank for removal. The process of inerting the tank was accomplished prior to removing the tank and placing it on H&H Environmental's tractor trailer for transportation and disposal.

Tank number two was located east of tank number one by approximately thirty-three feet on a east/west axis. With regard to the north/south co-ordinate, the center line of the tank was twelve feet south of the building wall line. The diameter of the tank is eight feet and the length of the tank is twenty feet and the type of material used to construct the tank is steel. A concrete retention slab was placed over the tank to eliminate floating. The thickness varied in depth with the centerline having a thickness of 12" and the edges which extended 2 ' beyond the footprint of the tank having a thickness of approximately 24". The tank had a thick coating of bituminous pitch on it and all surfaces of the tank appeared to be in good shape except for the bottom west end which was missing coating and appeared to be oxidized or rusted in part. After the tank was removed and observed during a general cleaning process which includes chipping and hammering, it became apparent that some pitting had occurred within a three square foot area. There were four pipes that penetrated the tank, two of which were two inch and two that were four inch and used to fill and vent the tank. The two lines that were two inch in diameter led off the tank and went due north inside the building within four feet of the existing eight inch fire sprinkler service line. All of the lines referenced above were removed to a distance of three feet (south) of the building line because this is the location where two gas lines that are two inches in diameter ran traverse to the product lines. These lines were grouted, as were any other lines that were not totally removed. The tank had approximately two feet of backfill over it from the top of the concrete sidewalk surface to the top of the tank. The type of soil used as backfill was a sandy clay fill that had a high plasticity index and had expanded to the point that it had become very dense and hard thus requiring the majority of excavation to occur by hand shovel and pick on the north side of the tank. Subsequent to the

removal of the tank it was apparent that the discoloration of the soil, which was a grayish charcoal in color, continued to migrate through the non cohesive soil which was used as backfill. This discoloration was possibly a result of mineral oil moving from the fill tube area into the more porous soil area. It should be noted that a slight smell was evident after the tank was removed as well. The product in this tank was the Sontrol Solvent 10 (see attached MSDS). The material was taken out of the tank by means of consumption on January 25, 1991 and remained empty until the date that it was removed. Before the tank was extracted from the tank pit, 15 pounds of dry ice per 1,000 gallons of tank capacity, was placed in tank in an effort to inert the tank for removal. The process of inerting the tank was accomplished prior to removing the tank and placing it on H&H Environmental's tractor trailer for transportation and disposal.

Tank number three is a one thousand gallon tank that was constructed of case iron and had a heavy coating of bituminous pitch all over the tank. The storage tank was four feet in diameter and ten feet, six inches in length. The tank was located approximately twelve feet east of tank number two and the tank center line held the same north/south coordinates as tank number two. This tank had a concrete saddle over it as well and the thickness varied from 6" to 24" with the thicker dimension occurring at the outside edge. Where the slab met the fill box area a small quantity of mineral oil was found standing, possibly from a previous filling of the tank. The integrity of the tank was in question after it was removed from earth and visual inspection occurred. At that time Marcor of California performed chipping and hammering on the tank to remove some of the tank coating. During this cleaning process, it became apparent that this tank too had both a coating and oxidation problem as pitting in the lower west end edge occurred. This pitting did allow leakage from the tank as discoloration of the soil had occurred in an area of approximately four feet surrounding the area. The soil type surrounding the tank was a sandy clay identical to the soil surrounding tank number two. This backfill had the physical characteristics of being a fine grained sand. This sand had become bonded together in all areas where the discoloration occurred, yet stopped at the point where the sandy backfill met the insitu soil which has a high plasticity index. The number of lines protruding from the tank were three, two of which were two inches in diameter and on which was four inches in diameter. The two lines that were two inch left the tank in a western direction before turning north to enter the building in the same location as the two lines from tank number two. These lines were removed in their entirety from outside the building and completely through-out the building. Additionally, the area of

excavation for tank number three was a continuation of excavation from tank number two. The product contained in this tank was mineral oil having those physical characteristics identified on the attached Material Safety Data Sheet (MSDS). The amount of product in the tank at the time just prior to excavation was approximately 750 gallons. This product was pumped from the tank and placed into 55 gallon, 17h type drums. This product was then disposed of at Gibson Environmental as indicated on the attached manifest for recycling. Before the tank was extracted from the tank pit, 15 pounds of dry ice per 1,000 gallons of tank capacity, was placed in tank in an effort to inert the tank for removal. The process of inerting the tank was accomplished prior to removing the tank and placing it on H&H Environmental's tractor trailer for transportation and disposal.

Tank number four was located east of tank number three by a distance of approximately thirty-eight feet. The north/south coordinates for the centerline of the tank was ten feet south of the exterior wall line of the building. The type of material used for the construction of the tank was steel which had a bituminous pitch as a protective covering for the tank. The dimensions for the tank were eight feet in diameter and thirty feet and eight inches in length. Two (2) buttresses which had a member size of 18" in width and 24" in depth and approximately 12' in length were installed at right angles to the tanks longest axis. These members relieved anticipated lateral loads that would have been transferred into the tanks north wall. Additionally, two (2) perpendicular members were connected to the buttresses to form a box around the fill pipes for the tank.

The backfill consisted of fine grained sand. On the eastern most third of the tank, approximately 4.5' below ground surface, the backfill revealed a slight dull gray green color and a strong "sweet" hydrocarbon odor typically associated with Benzene, Toluene, Ethylene and Xylene (BTEX). Soil samples indicated a trace amount of TPH-d; TPH-g; and BTEX were apparent in soil. The fill exposed just below the side walk on the west end of the tank was yellow to yellow brown with no indication of contamination. On the same end of the tank and 2.5' to 3.5' below ground surface is the elevation that a slight gray green discoloration began to occur. This area also has a sweet odor previously described. The piping connections for the tank were located on the west end and there were four openings to the tank. One of the openings was four inches in diameter and was used as a fill line to the tank. The second opening was also a four inch line that was used as a vent line for the tank. The other two lines were both two

inches in diameter and left the tank in a northern direction heading towards the building wall line then turning west and running parallel to a two inch gas line and a two inch water line for a distance of approximately forty-seven feet prior to turning north again, with the lines from tanks two and three to enter the building. This tank contained approximately 2,000 gallons of mineral oil that was placed in 55 gallon, 17h drums and the put in storage until it could be transferred into the new 5,000 gallon above ground storage tank. Subsequent to the tank removal process and prior to completing excavation of contaminated soils, a large rain occurred that lasted almost four hours and conversely the excavated areas for tank number two and tank number four received a large amount of rain water from the street surface area. The amount of water being discussed here was approximately 5,000 gallon of water. This water was exacted from the excavated area and disposed of by Gibson Environmental. Before the tank was extracted from the tank pit, 15 pounds of dry ice per 1,000 gallons of tank capacity, was placed in tank in an effort to inert the tank for removal. The process of inerting the tank was accomplished prior to removing the tank and placing it on H&H Environmental's tractor trailer for transportation and disposal.

ITEM #3-DESCRIPTION OF EXCAVATION

The surface area for the removal of the four tanks is defined by four property corners. The northern most line is the building wall line for Clear Print Paper and the southern most line is the curb line of 67th street. The western most line of the property is the east property line of the Colter Steel Company, which is the owner of the property. The eastern most line of the excavation is the west edge of the Clear Print Paper parking lot. The dimensions of the area of excavation on a north/south axis is sixteen feet at its closest point and twenty feet at the building centerline where there is a four foot building inset. The east/west axis is one hundred eighty feet which covers the distance from the south west corner of the building to the southeast corner of the building. With regard to the individual sizes of each tank excavation area, they are profiled as follows:

Tank #1 is a 9450 gallon fiberglass reinforced tank and the excavation dimensions are 12.5' wide by 34' long by 13' deep. The total square footage of excavation is 5525 square feet or 204.6 square yards less the volume of the tank which is 57.2 cubic yards, thus the amount of soil removed was 147.3 cubic yards.

Tank #2 is a 8000 gallon steel tank with tar paper wrap and the excavation dimensions are 13' wide by 24.5' long by 13' deep. The total square footage of excavation is 4140.5 square feet or 153.3 cubic yards less the volume of the tank which is 37.3 cubic yards, thus the amount of total soil removed was 116.1 cubic yards.

Tank # 3 is a 1000 gallon cast iron tank with tar paper wrap and the dimensions are 12' wide by 18.5' long by 12' deep. The total square footage of excavation is 2664

cubic feet or 98.7 cubic yards less the volume of the tank which is 4.9 cubic yards, thus the amount of total soil removed was 93.8 cubic yards.

Tank # 4 is a 10,000 gallon steel tank with tar paper wrap and the dimensions are 12' wide by 36' long by 14' deep. The total square footage of the excavation is 6048 cubic feet or 224 cubic yards less the volume of the tank which is 60.5 cubic yards, thus the amount of total soil removed was 163.5 cubic yards.

ITEM #4-DESCRIPTION OF THE SAMPLING METHODS

The sampling methods used to collect soil samples were performed in a manner that is consistant with the leaking underground storage tank program and as identified below.

Subsequent to the demolition of the concrete sidewalk and initial excavation of tank number two it was apparent that category two of the above referenced program was the most applicable process to follow. Category two of the LUST program is for suspected or known soil contamination. The sample collection procedures are described in appendix c of the program and the items listed herein are issues that careful attention was given to.

Chain of custody procedures were complied with to ensure the validity of the samples in case scrutiny is incurred by either client or government agency. The location of the samples were determined by both Marcor Environmental's Registered Geologist and the Alameda County Health Departments Official. A strategy was developed through visual observation and smell as well as reviewing analytical results. Because the samples were taken from the excavation, two methods were used to obtain the samples. One was collection of samples from the soil as it was excavated from the side walls of the "pit" by excavation from the backhoe bucket (when safety was at issue) and the second was directly from the hole by using an extended stem on the split-barrel core sampler where the cylinder was placed prior to sample excavation.

Storage, labeling and logging is the next process in the sampling stage of events.

Shortly after the sample was taken it was placed in a double walled ice chest after it

was properly labeled in a manner previously discussed and agreed upon by the analytical group which is Trace Analysis. When a sufficient amount of samples had been taken (usually four) and labeled they would then be logged-in on the chain-of-custody forms provided by Trace Analysis. Through-out this process the samples would be in an environment that was at or below 4 degrees Celsius by utilizing dry ice. Towards each days end the samples would be taken to Trace Analysis and surrendered for analysis.

The process for collecting water samples was accomplished by using a stainless steel bailer or a clear acrylic bailer. Sampling of the ground water was based upon the sheen of product that was located in a portion of the water standing within the excavation area. Beyond the actual extraction, the remaining processes followed those guidelines previously addressed.

DIL AND GREASE, HYDROCARBONS

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Method:

This is method 5520F from <u>Standard Methods for the Examination of Water and Wastewater</u>, 17th edition.

Sample Preparation and Analysis

The sample is extracted with freon using solvent agitation. The freon extract is collected. The extract is then dried with sodium sulfate and treated with silica gel. Non-petroleum oil and grease is removed by absorption onto the silca gel. The freon is evaporated leaving the oil and grease as a residue.

Calculation

The oil and grease is weighed and compared to the sample weight to obtain a final concentration of oil and grease.

11/9/90



EPA METHOD 8270, SEMIVOLATILE ORGANICS FOR SOIL

Method:

This is EPA Method 8270 from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846," 2nd edition, by the U.S. Environmental Protecton Agency.

Sample Preparation:

Sample preparation is by EPA Method 3550, solvent extraction with sonication. Methylene chloride is the solvent used. The extraction is followed by a concentration process using a Kuderna-Danish apparatus.

Sample Introduction:

Samples are introduced by direct injection.

Gas Chromatography Analysis:

The semivolatile organics are separated on a capillary gas chromatography column. A mass spectrometer is used to detect the compounds.

Calculation:

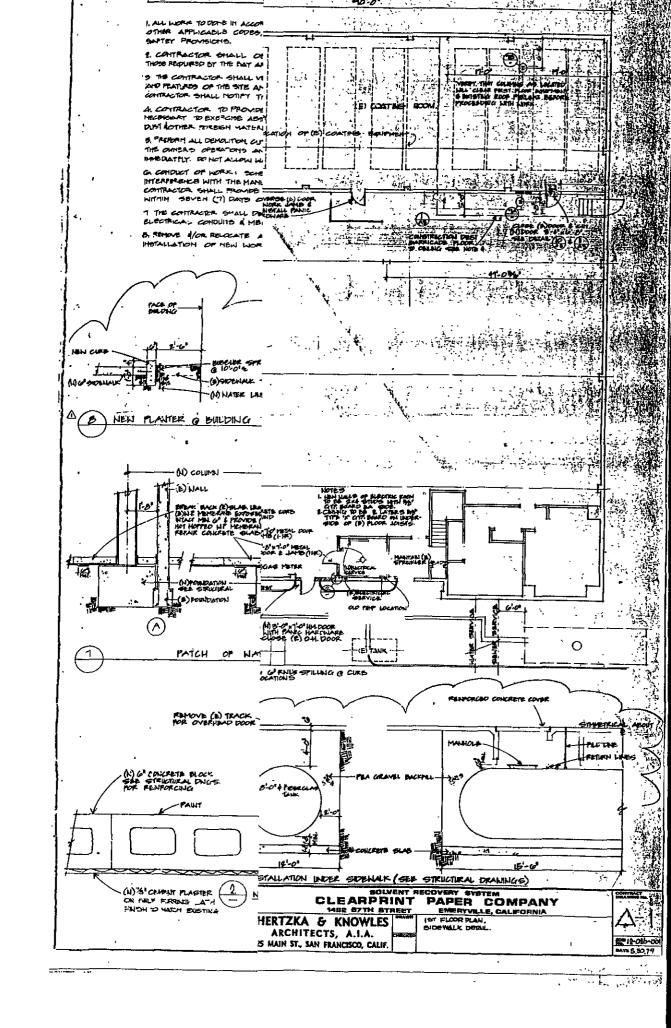
Compounds are identified by comparing ion spectra with the ion spectra of the 8270 compounds in our standards. The compounds are quantified by using the internal standard method of calibration.

ITEM #5-DESCRIPTION OF REMEDIAL MEASURES DURING REMOVAL PROCESS

All of the soil and the majority of the water encountered during the tank removal process was disposed of as reflected by the attached manifest within a state approved Treatment, Storage and Disposal Facility. Both the water and soil were "recycled" creating the best condition possible as indicated by the Environmental Protection Agency. Attention can be given section 2 of the report which identifies the amount of excavation and section 9 which incorporates the disposal manifests.

ITEM #6-TO-SCALE DRAWING TO REFLECT SIZE AND DEPTH

Horizontal and Vertical Control Provided in Item #3



ITEM #7-CHAIN OF CUSTODY RECORDS

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Company Name and Address: MARCOR, 2601 B

Date

Project Manager:

Proj.No.

Sample

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No.

of

3423 Investment Boulevard, #8 • Hayward, California 94545

Project Name

Telephone (510) 783-6980 Facsimile (510) 783-1512 CHAIN OF CUSTODY RECORD Analyses:

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Telephone (510) 783-6960 Facelmile (510) 783-1512

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Founding Member of the Association of California Testing Laboratories

Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 . Hayward, California 94545

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DUPLICATE

Telephone (510) 783-6960 Facsimile (510) 783-1512

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CHAIN OF CUSTODY RECORD

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12 ZI-12 V	i x X x x
	· - - - - - - - - -
Sampled by: (signature) Date/Time	
Sampled by: (signature) Date/Time 10-6-9 (700)	
Received by: (Signature) Date/Time	Relinquished by: (Signature) Date/Time
Received for Laboratory by: (signature)	Date/Time TURNAROUND TIME 10/12/94 [0/7/44 5-day concellations 1806 1/01-
REMARKS Scott Turner 12/15	194 to: 12.15.94

Telephone (510) 783-6960 Facsimile (510) 783-1512

CHAIN OF CUSTODY RECORD

Proj. No. Project Name SF 201754 Company Name and Address: MARCOR 2601 Boxesington Ct	No.	Analyses:/
MARCOR 2601 Borrington Ct Hayword CA 94545 Project Manager: Robert Flory P	of	
Sample Date Time Site Lecation	Con- tainers	REMARKS
E1-12 10-5-42 PM T3- Exc		X X X X
T-37, 12 /	1	XXXX
7-3	1.	K K X X
T3·W1-10	<u> </u>	XXX
75-B1-13 V	/	XXXX
Sampled by: (signature) Date/Tim	ne Reli	Inquished by: (signature) Date/Time
Walst 1/1/10 RF 10-5-9		11-7-94
Received by: (signature) Date/Tim		inquished by: (signature) Date/Time
Date, A	ile ile il	inquished by: (signature) Date/Time
Received for Laboratory by: (signature)	l Data/	Time Time Angeling Time
(Signature)	Date/	134 1 -5- doly
REMARKS (XMOZUP)	7=	Jay TAT Concellar
Sett Tutum 1415/84	toit	12.15.94

CHAIN OF CUSTODY RECORD

Received for Laboratory by: (signature) Date/Time TURNAROUND TIME 10/12/94 Social Concelled Per Bob Flora			• •••							The state of
Project Manager: Robert Flow Ry Sample Date Time Site Ligation tainers REMARKS RE	Proj. No. Project Name SF-354- Clear Pane	No.	An	alys	es:/	//	/ /	//	///	
Sample Date Time Site Ligation tainers REMARKS	Harward CIT 94545	of		j	//			//		
Sampled by: (signature) Date/Time Relinquished by: (signature) Received for Laboratory by: (signature) Date/Time Relinquished by: (signature) Date/Time Received by: (signature) Date/Time Relinquished by: (signature) Date/Time Relinquished by: (signature) Date/Time Received by: (signature) Date/Time Relinquished by: (signature) Date/Time Received by: (signature)	Project Manager: Robert FFlony Ry Sample Date Time Site Location		/				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\)/10/ 3/	/ REMARKS	
Sampled by: (signature) Date/Time Relinquished by: (signature) Date/Time Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME /0/10/94 Date/Time Date/Time TURNAROUND TIME /0/10/94 Date/Time Date/Time Date/Time TURNAROUND TIME /0/10/94 Date/Time Da	74 - 110 644 PM		<u>/</u>	y r y	У <u></u>	.7	,	<u>y</u> 		
Sampled by: (signature) Date/Time Relinquished by: (signature) Date/Time D	74-10.4	,	<u>人</u>	X	く	X				
Sampled by: (signature) Date/Time Relinquished by: (signature) Date/Time TURNAROUND TIME Samples Sampled by: (signature)	14- 52-9.5V		1	7	×	7			·	
Sampled by: (signature) Date/Time Relinquished by: (signature) Received by: (signature) Date/Time Relinquished by: (signature) Date/Time Relinquished by: (signature) Received for Laboratory by: (signature) Date/Time TURNAROUND TIME 19/17/94 Sampled by: (signature)	N2-12		X	X	X	4				
Sampled by: (signature) Date/Time Relinquished by: (signature) Date/Time /0-6-74 /850 Received by: (signature) Date/Time /Relinquished by: (signature) Date/Time /Relinquished by: (signature) Date/Time /Relinquished by: (signature) Date/Time //// Received for Laboratory by: (signature) Date/Time ////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time ////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time /////// Date/Time //////// Date/Time /////// Date/Time //////// Date/Time //////// Date/Time //////// Date/Time ///////// Date/Time ///////// Date/Time ////////////////////////////////////	74 N3-10V		7	<u> </u>	بد	*			· · · · · · · · · · · · · · · · · · ·	
Received by: (signature) Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME TURNAROUND TIME TOPING TOP	E2-12 N		ᅔ	λ	火	X				
Received by: (signature) Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME 10/12/94 1										
Received by: (signature) Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME 10/12/94 1										
Received by: (signature) Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME 19/12/94 19/19/94 1										
Received by: (signature) Received for Laboratory by: (signature) Date/Time Date/Time TURNAROUND TIME 19/12/94 5-6-4 Pe, B-6 F/61>		ne Reli	nqu i	shed	by:	/s	igmat	ure)		
Received by: (signature) Date/Time Relinquished by: (signature) Received for Laboratory by: (signature) Date/Time TURNAROUND TIME 19/12/94 Social Concelled Per But Flora		///	ols	H	4	1	1	7 R	10-1-79	
19/1/9x 5 Day Conceller 1 10/1/9x 5 Day Conc			nqu i	shed	by:	15	gnát	ure)	Date/Time	
19/1/9x 5 Day Conceller 1 10/1/9x	Received for Laboratory by: (signature)				TUR	NARC	סאט	TIME	10/12/94	
ULMADIVC V / ~ \ () \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	The second	107	7/9!	×			5_	-Da	y Concello	i Eli
Sott T. Jann 12/15/4 To: 11/15/4	REMARKS	17	50	Plan	<u> </u>		•		7003	
	Sott T. Fann 12/15	14 TO	: <i>Ĵ</i>	X	the	(2· (*)	.94	/ 		
							•	' .		•

	CHAIN O	F CUSTODY RE	ECORD		
Hayward		No. Ar	nalyses:/		
Sample Date Tim		Con- tainers		\	REMARKS
14-w1 1/4/94 1030	!	4 × × ×	XX	Change T2	e farel to -Wi per R
		·			
Sampled by: (signatur Received by: (signatur	7-RF 11:00	Hola	ished by: (s	2 KT	Date/Time 1014/94 11:00
	10/4-94			1	Date/Time
Sett T. Fuir	nu	12/00/	AT	he he	#/
walting voul	Grewn, Tray 4	1 24 40	av	zar zar	



CHAIN OF CUSTODY RECORD

Proj.No.	10	et Name	pain	£.,		No.	An	al ys	es:/	//	1	//	//
Company I MA-AL Horyel Project I	ap		o'i be	ringto	ī	of		j	/		/ \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	//	
Sample ID	Date	Time	Site	Location	 t	Con- ainers	/8						REMARKS
TI-E1-12	10-194	pm	17-	he			×	×	X	又	人		
TI-WI-11					-		X	く	ス	1			
11-51-10							y.	<	×	×			
TI-NI-11							义	7	~	1			
T1-81-12	V						X	×	X	1			
						<u>.</u>				~			_
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			_										_
Sampled !	y; (3)	nature	RF	Date	Time y-99	Rel	ngu	1 shed	i by:	ه کور مرسد	ignat	ure)	Date/Time 18-7-94
Received	thy: (si	ignature		Date	/Time	Rel	nqu	ishe	∳ by₄	(s	igna	ure)	Date/Time
Received	for Lab	oratory	by: (s	ignature)	Date/	Time 7/9	X	TUF	NARO	DUND	TIME	- (ancelled 5-day par
REMARKS		<u> </u>		1		/2	5 V	Pir	7				76

walking soil. 1-07 each, 1.5, 5-Day

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16:02

3423 Investment Boulevard, #8 - Hayward, California 94545



CHAIN OF CUSTODY RECORD

DUPLICAIR

Proj. No.	1 -	t Name	DAM	. /		No.	An	alysi	es:/	//	/ /	//	
Company N MA-AC Hayeve Project H	nan'		s: Be	2//4	ig ton	of							
Sample ID	Date	Time	Site	Ląc	ation	Con- tainers	/8					80/	REMARKS
TI-E1-12	10-1-94	pm	17-	Ex	C T#11		×	Х	×	75	人		
TI-WI-11	7	1			10		×	く	X	1			\
11-51-10				'	1		业	~	×	X			
TI-NI-11)ر		义	セ	ベ	1			
T1-B1-12				R	<u> </u>		×	12	ス	3			
					7				_	X	-		, ,=/1
												一门党	V
					-				·				
					- 	·.····································				_			**************************************
Sampted b	y; (5)9	nature	Reg	-	Date/Tin 10-4-9 1100	ne Rei	ingu	ished	by	55	igna	ture)	Date/Time
Received	by: (si	gnatur	2)		Date/Tin	ne Rel	inqu	ished	∮by⁄	(s	जुमें व	ture)	Date/Time
Received	ature)	Date,	7/9	X	TÜÌ	RNAR		Day.					
REMARKS		, , , , , , , , , , , , , , , , , , , 		1		1	5 0	pu	7	, ,,			

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TAL

CHAIN OF CUSTODY RECORD

	_										<u> </u>		
Proj.Na.	\forall	60.00	ant	Popus	No.	An	alys:	es:/	/ /	/ /	///	///	
	or cord	2601 CA	BORRING	tonct	of		j	//		/ []	//		
Sample ID	Date	Time	Site L	<i>Flore FY</i> ecation	Con- tainers	1				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		, Remark	s
T-9. E1-12	10-5-4	Pm	73- E	Txc	1	У	×_	X	x				
T-3/1-12		/		·	1	×	×	~	<u>x</u>				
7-8 51-10-5	 				1	2	×	×	노	<u> </u>			
T3-W1-10						쏘	<u> </u>	メ	×				
19-BI-13		<i>V</i>			/	火	又	×	メ	人			
Samoted	H	lon	RF	1/00	14 A		H	1-	10		cure) RF	Date/T	92/
Rece ived			•	Date/Ti							ture)		
Received REMARKS	for Lat	orator	by: (st	gnature)	Date,	Time 1/9%		TUI	54	DUND	TIME	47 5	0/12/14 - doy oncello, - Bus F
			V	,, <u>, , , , , , , , , , , , , , , , , , </u>	/		 -	·					

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JUPLICATE

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CHAIN OF CUSTODY RECORD

	Name and	kour Addres 2601	Boxainsto 945 ext F f Site Log	mct Topy Pa	No. of Con- tainers	Ana	alyse	s:/	18/8/	7/0/0		REMARKS
7-3.	10-5-4	PM	13. Ex	~ -136M	1	Y.		X	又			
E1-12 T-371-12		1		11	1	×	X	メ	×			
F8 51-105		1		(1	1.	*	بح	×	火			,
				c/	1	У.	V	×	×			
13-10-10	1/	1	1		1				R			
75-61-13	<i>V</i>	<i>V</i>	JZ.	24	/	火.	(X	×	<u> </u>			
				/							-77	W/
			!									
						-						
Sampled	by: (sig	nature	RG	Date/Tir	ne Rel	inqu	shed	by	15	geat	ure) RF	Date/Time
Received	by: (s	ignatur		Date/Tir	πe Rel	Inqu	ished	by:	-(3	ignai	ure)	Date/Time
Received	for Lat	orator:	by: (sign	nature)	Date,	Tim	8	TUF			TIME /	47
REMARKS	·····(_/\)	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	1		1 / 2) 	4			/		

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Dunche

Telephone (510) 783-6980 Facsimile (510) 763-1512

TAT

CHAIN OF CUSTODY RECORD

Proj.No. 36 00 55 4 00 Company I	lame and	addrei aloo	PAIN BARA CA	tugton et 94545 Day RG	No. af	Ana	alyse	ns:/				
Sample 1D	Date	Time		Location	Con- tainers		No.		3	77	0/1	RÉMARKS
72 - BI-13.5	10-6-6	PM	72-1	Excles		8	X	X	X)	1		
12-WI-10	1			TriM		入	<u>/</u>	ىر	Š			
72-51-10				1(1	ير	×	ىر	X			
72-HI-10				U	Ì	×	X	X	X			
12 <u>E1-12</u>	V			//	İ	×	Х	L	2			
Sampled	عر: اعرا: y:	nature) }	Date/Ti		thau	ished	by	: (5	ienat	ins)	Date/Time
holi	f if	The	2	10-6-	14 /12	1	ef	フ	Z-7	7		10-114
Received	by. (&	ignatur		Date/Ti	me / Rel	inqu	1shed	,			ture)	Date/Time
	for Lai	orator	y by: (s	ignature)	Date,	/T im	9	Tui	RNAR	GUND	TIME _ Da	<u>y</u>
REMARKS	~~~		7		/=5	0/	my					

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DUPHCARE

Telephone (510) 783-6960 Facsimile (510) 783-1512

TAL

CHAIN OF CUSTODY RECORD

) 												
Proj. No. 554-80	Proje	ct Hame	print		No.	No. Analyses:////							/
Marc Harc	vame and OR, YWO	a Addre 260 Ad_	PRINT Elbera CA 9	ylon ct	of		j		/,	4	//		
Project/	lanager	Kobe	at FF bu	ey RG			13	X	1/0		3/3/		
Sample ID	Date	Time	Site Lo	cation	Con- tainers		10	T.		2		REMAR	KS
72 - BI-13.5	10-6-9	PM	72-E	cc	1	X	X	X	X	X			
W1-10	1					X	X	X	X				
2-51-10					1.	X	X	X	X				
2-N1-10	1	1,		** **********************************		X	X	X	K,				
Z1-12	V	V				义	X	X	<u>/</u>				
												<u>,</u>	
									<u> </u>				
													
													
Sampled b	y: sig	nature		Date/Tir		ngu	ished	by	(5	igna	ure)	Date/	Time
Work	14	M	2	10-6-	19 /2	M		7	Z 5.	-2,		10-7-	14
kece i ved	by (s	guature	:)	Date/Tir	ne Rel	nqu	ished	i by:	43	igna	ture)	Date/	Time
								,	·····				
Rece ived	for Lab	oratory	by: (stg	nature)	Date/	1 1 mm	4	TUF	RNARO	GUND S	TIME	y cor	2/94 day Lellal 13uh Al
REMARKS					7-5	57	W			··. —			, , , , , ,
			V		/	ν	,						

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CHAIN OF CUSTODY RECORD

====										-, -	, ,	/ /
Proj. No. 5F-354-	Projec	1	sam t		No.	Ana	ıìyse	s:/	//	//	/ / /	///
Company MARCH	mas	- CFT	9454	<u>. </u>	of			//	//	//		
Project N	lanager:	Rebea	+ FFlony	PA	Can		/a		/o/	Q_{χ}	/20/	
Sample ID	Date	Time	Site Lác	ation ·	Con- tainers				30	NA &	8), S),	REMARKS
74- BW1-BS	104-44	pm	. 12	وح		ર	æ	×_	Æ.	ję.		7 2117
14-10.4			77	(4)		1	X	へ	X			
5x -7.5				<u>(c'</u>		1	1	x	শ			
TH N2-12 TH N3-10			6			X	X	×	*			
TH N3-10	1/		q	_		ス	<u>×</u>	×	×			
74- E2-12	V		<u> </u>			7	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	y	X			
Sampled	by: (519	gnature	R-T	Date/Ti 10-6-2	4 /	704	ishe	d by	15	igna	ture)	Date/Time 10-7-94
Received	by: (s	ignatur	е)	Date/Ti	me Ré	inqu	itshe	•			ture)	Date/Time
Received	10	borator	y by: (sign	nature)		A/Tim		ŢŪ	RNAR		_ Da	· Y
REMARKS		<u>~~~</u>			7	-50	ph	1				

CHAIN OF CUSTODY RECORD

	3											
Proj.No.	Proje	ct Name	samt		No.	An	al ys:	es:/ˈ	//	/ /	//	
Proj. No. SF. 354 Company MAD	Name and COR Novad Manager	- CA	ss: 9454 t FFlor	5	of		j	/	/ /[
Sample 1D	Date	Time	Site Lá	cation	Con- tainers	//				XX 6	0 8 1 1 1	REMARKS
T4- BW1-B5	1044	pm				२	×	×	X	K		
14-1-10.4 51-10.4				-		人	X	ム	X			
14 - 7.5 52 - 7.5						1	く	×	7			
TH N2-12						X	X	X	*			
14 N3-10						7	X	×	*			
74-7-5 74-7-5 74-7-5 74-72-70 74-72-72	V					メ	λ	又	×			
Sampled t	11	4 1	RT	Date/Tir 10-6-3-		gle	H	1	4	1	ure)	Date/Time 10-7-94
Rece ived	бу: ⁽ (5-	ignature		Date/Tir	ne Réi	ingu	ishei	i by	و ا	gna	túre)	Date/Time
	Received for Laboratory by: (signature)						Y	TUF	RNARO		TIME	10/12/94 5-804 Concelled Per Bib
KEMARKS			(<i>,</i> ∪	<u>ر ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ، ،</u>	/				70

ITEM #8-COPIES OF LABORATORY REPORTS

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				PA TEST METHOD 8240		_	· / / *
SAMPLE IDENTIFICATION #	· · · · · · · · · · · · · · · · · · ·	BETX 50	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg/kg	(ppm)			mg/kg (ppm)	
4830							
T1-B1-12	ND	ND	ND	ND	ND	ND	ND
BOTTOM WEST SIDE		:					
10/28/94							
4830							
T1-E1-12	ND	ND	ND	ND	5.4	ND	ND
NORTHEASTERN BOTTOM	•						
10/28/94						,	
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER			<i>-</i> -E	PA TEST METHOD 8240		· · · · · ·		
SAMPLE		BETX 50	30/8020		DHS METHOD	DHS METHOD	5520F	
IDENTIFICATION # _	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	тос	
DESCRIPTION ANALYSIS DATE		mg/kg	(ppm)			mg/kg (ppm)		
4830								
T1-N1-11	ND	ND	ND	ND	ND	ND	ND	
NORTHWESTERN SIDE								
10/28/94								
4830								
T1-S1-10	ND	ND	ND	ND	ND	ND	ND	
SOUTHEASTERN SIDE				•				
10/31/94					<u> </u>			
DESCRIPTION LIMIT	0.005	0.005	0.005	0.005	5	5	5	
REPORTING LIMIT DETECTION LIMIT	0.003	0.000						
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE	

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				EPA TEST METHOD 8240) (% / 37I / 2		i
SAMPLE IDENTIFICATION #		BETX 50	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg/kg	(ppm)			mg/kg (ppm)	
4830 T1-W1-11	. 14	10	11	32	34	56	ND
SOUTHWESTERN SIDE 10/31/94							
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER			<u> </u>	PA TEST METHOD 8240					
SAMPLE IDENTIFICATION #		BETX 50	30/8020		<u>DHS METHOD</u>	DHS METHOD	<u>5520F</u>		
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG		
ANALYSIS DATE		mg/kg	(ppm)		<u>-</u>	mg/kg (ppm)			
4830									
T2-B1-13.5	0.079	0.75	0.75	2.3	22	ND	ND ,		
BOTTOM WEST SIDE		<u> </u>							
10/31/94									
4830									
T2-E1-12	0.180	0.54	0.34	1.3	10	54	340		
SOUTHEASTERN BOTTOM									
10/31/94									
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5		
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE		

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				EPA TEST METHOD 8240	en per er er er		, :
SAMPLE		BETX 50	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
IDENTIFICATION # DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE	<u> </u>	mg/kg	(ppm)			mg/kg (ppm)	
4830							
T2-N1-10	ND	0.63	0.65	2.0	16	ND	120
CENTER NORTH							
10/31/94						,	
4830							}
T2-S1-10	ND	0.66	0.064	1.3	5.7	ND	ND
SOUTHWESTERN EDGE							
10/31/94						- · · · · · · · · · · · · · · · · · · ·	
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				EPA TEST METHOD 8240	· .					
SAMPLE IDENTIFICATION #		BETX 50	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>			
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG			
ANALYSIS DATE		mg/kg	(ppm)		mg/kg (ppm)					
4830										
T2-W1-10	ND	0.52	ND	1.3	1.6	ND	ND			
NORTHWESTERN EDGE										
10/31/94	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·							
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5			
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE			

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				PA TEST METHOD 8240	1.478.84		
SAMPLE IDENTIFICATION #		BETX 50	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg/kg	(ppm)			mg/kg (ppm)	
4830							
T3-B1-13	ND	0.097	ND	0.19	0.52	ND	ND
EXISTING BACKFILL - 13' BGS.							
11/1/94							
4830							
T3-E1-12	ND	ND	ND	ND	ND	5.3	410
EAST SIDE - 12' BGS							
10/27/94							ta in the same and
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG-NUMBER			E	EPA TEST METHOD 8240			· · · · · · · · · · · · · · · · · · ·
SAMPLE		BETX 50	30/8020	DHS METHOD	DHS METHOD	5520F	
IDENTIFICATION # DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg/kg	(ppm)		,	mg/kg (ppm)	
4830	· · · · · ·						
T3-N1-12	ND	0.22	ND	0.4	3.5	7.3	930
NORTHSIDE - 12' BGS		, 					
10/27/94							
4830							
T3-S1-10.5	0.16	0.24	ND	1.0	ND	ND	ND
SOUTHSIDE - 10.5' BGS							
10/27/94					:		
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				EPA TEST METHOD 8240			· · · · · · · · · · · · · · · · · · · ·	
SAMPLE		BETX 50	30/8020	DHS METHOD	DHS METHOD	5520F		
DESCRIPTION #	BENZENE	ETHYL BENZENE	TOLUENE	TPH-G	TPH-D	TOG		
ANALYSIS DATE		mg/kg	(ppm)		mg/kg (ppm)			
4830								
T3-W1-10	ND	ИÐ	ND	ИО	ИD	ND	ND	
WEST SIDE - 10' BGS								
11/1/94							F	
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5	
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE	

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				PA TEST METHOD 8240	,,,,			
SAMPLE IDENTIFICATION #		BETX 50	30/8020	DHS METHOD	DHS METHOD	<u>5520F</u>		
DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG	
ANALYSIS DATE	· · · · · · · · · · · · ·	mg/kg	(ppm)			mg/kg (ppm)	944 - ¥ 10 10	
4830								
T4-BW1-13	0.49	0.3	0.21	2.1	1.1	4.4	ND 🗸	
EXISTING BACKFILL - 13' BGS						-		
10/27/94						<u></u>		
4830 T4-E2-12 CENTER EASTSIDE	1.1	5.2	5.8	28	120 340		ND	
- 12' BGS 10/27/94				<u> </u>		1		
			,				a rain, grin, wolulturu .	
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5	
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE	

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				PA TEST METHOD 8240			
SAMPLE		BETX 503	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
IDENTIFICATION # DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg/kg	(ppm)			mg/kg (ppm)	
4830							
T4-N2-12	5.2	9,2	9.1	31	69	36	ND
CENTER NORTH - 12' BGS							
10/27/94							
4830							
T4-N3-10	ND	11	19	58	140		ND
NORTH EAST SIDE - 10' BGS							
11/1/94						<u> </u>	20,370,000,000,000
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

LOG NUMBER				PA TEST METHOD 8240			
SAMPLE	-	BETX 50	30/8020		DHS METHOD	DHS METHOD	5520F
IDENTIFICATION # DESCRIPTION	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	тен-р	TOG
ANALYSIS DATE		mg/kg	mg/kg (ppm)			mg/kg (ppm)	7-17-18-18-18-18-18-18-18-18-18-18-18-18-18-
4830							
74-\$1-10.4	2.5	5.6	9.4	38	610	150	ND
SOUTH WEST SIDE - 10.4' BGS							
11/1/94							
4830							
T4-S2-9.5	ND	12	19	57	300	(190 '	ON
SOUTH CENTER - 9.5' BGS							
11/1/94							
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TANK EXCAVATION AREA

	LOG NUMBER		***************************************		PA TEST METHOD 8240			e e e e e e e e e e e e e e e e e e e	
	SAMPLE		BETX 50			DHS METHOD	DHS METHOD	5520F	
	IDENTIFICATION #	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG	
	DESCRIPTION		PARTS PER M	ILLION (ppm)	PARTS PER MILLION (ppm)				
ļ	ANALYSIS DATE		1						
	4784 T4-BF1 EXISTING BACKFILL 9/22/94	ND	210 180 1.5		1.5	14.0	220	ND	
	4784 T4-NW1-6 NORTH WALL, EAST END 6' BGS 9/22/94	0.59	190	320	1.0	7.9	3.0	ND	
)	4784 T3-EW 1 EAST END 1' BGS 9/22/94	ND	ND	ND	ND	ND	ND	630	
	REPORTING LIMIT DETECTION LIMIT (ppm)	.36	.18	.18	.18	3.7	5	5	
	REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE	

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSES-SOIL ADDITIONAL TANK PIT & BACKFILL

LOG NUMBER		EPA TEST	METHOD .							
SAMPLE IDENTIFICATION #	8270									
DESCRIPTION	NAPTHALENE	PYRENE								
ANALYSIS DATE	mg/l									
A784										
T4-BF1	1.30	1.1	1.1	0.96						
EXISTING BACKFILL										
9/27/94										
4784	-									
T4-NW1-6	ND	ND	ND	ND						
NORTH WALL, EAST END 6' BGS										
9/27/94										
4784										
T3-EW 1	ND	ND	ND	ND						
BACKFILL-EAST END 1' BGS										
9/27/94										
REPORTING LIMIT DETECTION LIMIT	.66	.66	.66	.66						
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	NONE	NONE	NONE	NONE						

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS-WATER TANK EXCAVATION AREA

LOG NUMBER		,		PA TEST METHOD 8240	\$47		, .
SAMPLE		BETX 503	30/8020		DHS METHOD	DHS METHOD	<u>5520F</u>
IDENTIFICATION # -	BENZENE	ETHYL BENZENE	TOLUENE	XYLENE	TPH-G	TPH-D	TOG
ANALYSIS DATE		mg	/I			mg/l	
4812							
T2-W1-6	ND	ND	ND	ND	ND	0.170	12.0
SOUTHWEST EDGE							
10/12/94							
4812							
T4-W1-9	ND	ND	ND	ND	ND	19.0	6.9
WEST/CENTER							
10/12/94							
REPORTING LIMIT DETECTION LIMIT	0.005	0.005	0.005	0.005	5	5	5
REGULATORY LIMIT FOR TOXICITY CHARACTERISTICS	.50	NONE	NONE	NONE	NONE	NONE	NONE

NOTES:

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL ADDITIONAL TANK PIT & BACKFILL

LOG NUMBER								EPA TEST	METHOD	8270					,	13	
SAMPLE ID#	7040	7060	7080	7090	7130	7190	7200	7210	7420	7471	7480	7520	7740	7760	7840	7910	7950
DESCRIPTION	ANTIMONY	ARSENIC	BARIUM	BERY- LUUM	CADMIUM	CHROMIUM	COBALT	COPPER	LEAD	MERCURY	MOLYB- DENUM	NICKEL.	SELENIUM	SILVER	THAL- LIUM	VANA- DIUM	ZINC
ANALYSIS DATE								mg/l	kg (ppm)	-						-	
4784								,							- "		
T4-BF1	ND	7.20	75.0	ND	ND	20.0	ND	14.0	31.0	ND	ND	22.0	ND	ND	ND	14.0	33.0
EXISTING BACKFILL					•										!		
9/23/94												_					
4784			ŧ				,			;							
T4-NW1-6	ND	10.0	180	0.34	ND	16.0	ND	12.0	ND	ND	ND	(31.0	ND	ND	ND	13.0	21.0
NORTH WALL, EAST END 6' BGS																	
9/26/94			i. <u> </u>														·
4784					,												
T3-EW 1	ND	5.0	210	0.160	ND	14.0	13.0	9.1	ND	ND	ND	12.0	ND	ND	ND	16.0	9.30
EXISTING BACKFILL- EAST END 1' BGS																	
9/27/94		I			<u> </u>				<u> </u>		<u> </u>	<u> </u>		<u> </u>	. N. D. 1. :	<u> </u>	<u> </u>
REPORTING LIMIT DETECTION LIMIT	79.	.16	50.	.12	.25	1.2	12	.50	3.6	.12	25.	7.5	.25	.28	2.5	5.0	1.2
REGULATORY LIMIT FOR TOXICITY CHARACTER- ISTICS	NONE	5.0	NONE	NONE	1.0	5.0	NONE	NONE	5.0	.20	NONE	NONE	1.0	5.0	NONE	NONE	NONE

CLEAR PRINT PAPER COMPANY TANK STATUS EXTRACTION LOG TANK LOWER EXPLOSIVE LIMIT (LEL) AND OXYGEN (O2) MEASUREMENTS

TANK #	DATE	LEL IN %	02
T1	10/3/94	8.9	6.3
T2	10/3/94	0.0	11.2
Т3	10/3/94	2.0	5.6
T4	10/3/94	0.0	11.3
T2*	10/4/94	0.0	5.8
METHOD REPO	DRTING UNIT	TO BE PROVIDED	VARIES BY COUNTY

^{*} TANK COULD NOT BE DISLODGED ON FIRST ATTEMPT AND WAS REMOVED THE FOLLOWING DAY

CLEAR PRINT PAPER COMPANY SUMMARY OF CHEMICAL ANALYSIS OF SOIL TOTAL OIL AND GREASE ANALYSIS

LOG NUMBER SAMPLE IDENTIFICATION #	HYD	EPA TEST METHOD 8240 ROCARBON - OIL AND GRI STANDARD METHOD 5520	EASE
DESCRIPTION	CONCENTRATION (ppm)	REPORTING LIMIT DETECTION LIMIT	REGULATORY LEVEL FOR TOXICITY
DATE ANALYZED			CHARACTERISTICS
4784			
T3-EW1	630	50	NONE
SOUTHWEST CORNER - 1' BGS			
9/22/94			
4784			
T4-BF1	ND	50	NONE
EXISTING BACKFILL - 6' BGS			
9/22/94			
4784			
T4-NW1-6	ND	50	NONE
NORTHWEST CORNER - 6' BGS			
9/22/94			

September 22, 1994

PEOELIEU 327 1 8 1994

Mr. Robert F. Flory Marcor of California, Inc. 2601 Barrington Court Hayward, California 94545

Dear Mr. Flory:

Trace Analysis Laboratory received eight soil samples on September 21, 1994 for your Project No. SF-00554, Clearprint (our custody log number 4784).

These samples were analyzed for Oil and Grease and by EPA 8240. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Scott T. Ferriman

Sott return

Project Specialist

Enclosures

LOG NUMBER: 4784

DATE SAMPLED: 09/21/94 DATE RECEIVED: 09/21/94

DATE EXTRACTED: 09/21/94
DATE ANALYZED: 09/22/94

DATE REPORTED: 09/22/94

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

Robert F. Flory

PROJECT:

No. SF-00554, Clearprint

Sample Type:

Method and Constituent: Concen- Reporting Concen- Reporting Concen- Reporting
Units tration Limit tration Limit

Standard Method 5520F:

Hydrocarbon

Oil and Grease

ug/kg 630,000

50,000

ND 50,000

Soil

ND 50,000

Method and Constituent:

Method Blank
Concen- Reporting
Units tration Limit

Standard Method 5520F:

Hydrocarbon

Oil and Grease

ug/kg

ND

50,000

QC Summary:

% Recovery:

64

% RPD:

7.2

LOG NUMBER: 4784

DATE SAMPLED: 09/21/94

DATE RECEIVED: 09/21/94

DATE EXTRACTED: 09/21/94

DATE ANALYZED: 09/22/94

DATE REPORTED: 09/22/94

PAGE:

Sample Type: Soil

Two

		T3	-EW1	T4	-BF1	T4-	NWI-6
Method and <pre>Constituent</pre> :	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>
EPA Method 8240:							
Chloromethane	ug/kg	ND	360	ND	180	ND	180
Bromomethane	ug/kg	ND	360	ND	180	ND	180
Dichlorodifluoromethane	ug/kg	ND	360	ND	180	ND	180
Vinyl Chloride	ug/kg	ND	720	ND	360	ND	360
Chloroethane	ug/kg	ND	720	ND	360	ND	360
Iodomethane	ug/kg	ND	7,200	ND	3,600	ND	3,600
Methylene Chloride	ug/kg	ND	7,200	ND	3,600	ND	3,600
Acetone	ug/kg	ND	7,200	ND	3,600	ND	3,600
Carbon Disulfide	ug/kg	ND	7,200	ND	3,600	ND	3,600
Trichlorofluoromethane	ug/kg	ND	720	ND	360	ND	360
1,1-Dichloroethene	ug/kg	ND	360	ND	180	ND	180
Allyl Chloride	ug/kg	ND	360	ND	180	ND	180
1,1-Dichloroethane	ug/kg	ND	360	ND	180	ND	180
Trans-1,2-Dichloroethene	ug/kg	ND	360	ND	180	ND	180
Chloroform	ug/kg	ND	360	ND	180	ND	180
2-Butanone (MEK)	ug/kg	ND	7,200	ND	3,600	ND	3,600
1,2-Dichloroethane	ug/kg	ND	360	ND	180	ND	180
Dibromomethane	ug/kg	ND	360	ND	180	ND	180
1,1,1-Trichloroethane	ug/kg	ND	360	ND	180	ND	180
Carbon Tetrachloride	ug/kg	ND	360	ND	180	ND	180

LOG NUMBER: 4784

DATE SAMPLED: 09/21/94

DATE RECEIVED: 09/21/94

DATE EXTRACTED: 09/22/94

DATE ANALYZED: 09/22/94

DATE REPORTED: 09/22/94

PAGE:

Three

_			Sample Ty	rpe: S	oil		
		Т3	-EW1	T4	-BF1	T4	-NW1-6
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting Limit
EPA Method 8240 (Continued)	•						
Vinyl Acetate	ug/kg	ND	3,600	ND	1,800	ND	1,800
Bromodichloromethane	ug/kg	ND	360	ND	180	ND	180
1,2-Dichloropropane	ug/kg	ND	360	ND	180	ND	180
Cis-1 3-Dichloropropene	ug/kg	ND	360	ND	180	ND	180
Bromoacetone	ug/kg	ND	7,200	ND	3,600	ND	3,600
Trichloroethene	ug/kg	ND	360	ND	180	ND	/ 180
Benzene	ug/kg	ND	360	ND	180	590	180
Chlorodibromomethane	ug/kg	ND	360	ND	180	ND	180
1,1,2-Trichloroethane	ug/kg	ND	360	ND	180	ND	180
Trans-1 3-Dichloropropane	ug/kg	ND	360	ND	180	ND	180
1 2-Dibromoethane (EDB)	ug/kg	ND	360	ND	180	ND	180
2-Chloroethylvinyl Ether	ug/kg	ND	720	ND	360	ND	360
Acrolein	ug/kg	ND	7,200	ND	3,600	ND	3,600
Bromoform	ug/kg	ND	360	ND	180	ND	180
1,1,1,2-Tetrachloroethane	ug/kg	ND	360	ND	180	ND	180
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	3,600	ND	1,800	ND	1,800
2-Hexanone	ug/kg	ND	3,600	ND	1,800	ND	1,800
1,2,3-Trichloropropane	ug/kg	ND	360	ND	180	ND	180
1,1,2,2-Tetracholorethane	ug/kg	ND	360	ND	180	ND	180
Tetrachloroethene	ug/kg	ND	360	ND	180	ND	180
Toluene	ug/kg	ND	360	180	180	(320/	180
Chlorobenzene	ug/kg	ND	360	ПN	180	ND	180
Ethyl Benzene	ug/kg	ND	360	210	180	190	180

ND

ND

ND

180

180

180

180

180

180

LOG NUMBER: 4784
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/21/94
DATE EXTRACTED: 09/21/94
DATE ANALYZED: 09/22/94
DATE REPORTED: 09/22/94
PAGE: Four

ND

ND

ND

<u>Soil</u>

		T3-EW1		T4-BF1		T4-NW1-6	
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit		Reporting Limit	Concen- tration	Reporting Limit
EPA Method 8240 (Continued)	:						
1,2-Dibromo 3-Chloropropane	ug/kg	ND	7,200	ND	3,600	ND	3,600
Benzyl Chloride	ug/kg	ND	7,200	ND	3,600	ND	3,600
Styrene	ug/kg	ND	360	ND	180	ND	180
Xylenes	ug/kg	ND	180	1,500	180 (1,000	180

360

360

360

Sample Type:

Surrogate % Recovery

1,3-Dichlorobenzene

1,2-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichloroethane-d4	133	126	85
Toluene-d8	113	100	104
4-Bromofluorobenzne	121	114	112

Concentrations reported as ND were not detected at or above the reporting limit.

ND

ND

ND

ug/kg

ug/kg

ug/kg

LOG NUMBER: 4784

DATE SAMPLED: 09/21/94

DATE RECEIVED: 09/21/94

DATE EXTRACTED: 09/21/94

DATE ANALYZED: 09/22/94

DATE REPORTED: 09/22/94

PAGE: Five

Sample Type: Soil

Method and Constituent:	<u>Units</u>	<u>Metho</u> Concen- <u>tration</u>	d Blank Reporting Limit
EPA Method 8240:			
Chloromethane	ug/kg	ND	60
Bromomethane	ug/kg	ND	60
Dichlorodifluoromethane	ug/kg	ND	60
Vinyl Chloride	ug/kg	ND	120
Chloroethane	ug/kg	ND	120
Iodomethane	ug/kg	ND	1,200
Methylene Chloride	ug/kg	ND	1,200
Acetone	ug/kg	ND	1,200
Carbon Disulfide	ug/kg	ND	1,200
Trichlorofluoromethane	ug/kg	ND	120
1,1-Dichloroethene	ug/kg	ND	60
Allyl Chloride	ug/kg	ИD	60
1,1-Dichloroethane	ug/kg	ND	60
Trans-1,2-Dichloroethene	ug/kg	ND	60
Chloroform	ug/kg	ND	60
2-Butanone (MEK)	ug/kg	ND	1,200
1,2-Dichloroethane	ug/kg	ND	60
Dibromomethane	ug/kg	ND	60
1,1,1-Trichloroethane	ug/kg	ND	60
Carbon Tetrachloride	ug/kg	ND	60

LOG NUMBER: 4784
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/21/94
DATE EXTRACTED: 09/21/94
DATE ANALYZED: 09/22/94
DATE REPORTED: 09/22/94
PAGE: Six

<u>Sample Type: Soil</u>

			d Blank
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>
EPA Method 8240 (Continued):	:		
Vinyl Acetate	ug/kg	ND	600
Bromodichloromethane	ug/kg	ND	60
1,2-Dichloropropane	ug/kg	ИD	60
Cis-1 3-Dichloropropene	ug/kg	ND	60
Bromoacetone	ug/kg	ND	1,200
Trichloroethene	ug/kg	ND	60
Benzene	ug/kg	ND	60
Chlorodibromomethane	ug/kg	ND	60
1,1,2-Trichloroethane	ug/kg	ИD	60
Trans-1 3-Dichloropropane	ug/kg	ND	60
1 2-Dibromoethane (EDB)	ug/kg	ND	60
2-Chloroethylvinyl Ether	ug/kg	ИD	120
Acrolein	ug/kg	` ND	1,200
Bromoform	ug/kg	ND	60
1,1,1,2-Tetrachloroethane	ug/kg	ND	60
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600
2-Hexanone	ug/kg	ND	600
1,2,3-Trichloropropane	ug/kg	П	60
1,1,2,2-Tetracholorethane	ug/kg	ND	60
Tetrachloroethene	ug/kg	ND	60
Toluene	ug/kg	ND	60
Chlorobenzene	ug/kg	ND	60
Ethyl Benzene	ug/kg	ND	60

LOG NUMBER: 4784

DATE SAMPLED: 09/21/94

DATE RECEIVED: 09/21/94

DATE EXTRACTED: 09/22/94

DATE ANALYZED: 09/22/94

DATE REPORTED: 09/22/94

PAGE: Seven

Sample Type: Soil

	Method Blank			
Units	Concen- tration	Reporting Limit		
<u>011 1 0 0</u>	<u> </u>			
:				
ug/kg	ND	1,200		
ug/kg	ND	1,200		
ug/kg	ND	60		
ug/kg	ND	180		
ug/kg	ND	60		
ug/kg	ND	60		
ug/kg	ND	60		
	!	102		
		111		
	ug/kg ug/kg ug/kg ug/kg	Concen- Units tration : ug/kg ND		

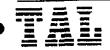
4-Bromofluorobenzne

Concentrations reported as ND were not detected at or above the reporting limit.

122

louis W. DuPuis

Quality Assurance/Quality Control Manager



RECEIVED SEP 2 8 1994

September 26, 1994

Mr. Robert F. Flory Marcor of California, Inc. 2601-Barrington Court Hayward, California 94545

Dear Mr. Flory:

Trace Analysis Laboratory received eight soil samples on September 21, 1994 for your Project No. SF-00554, Clearprint (our custody log number 4784B).

One of these samples was analyzed for Total Petroleum Hydrocarbons as Gasoline. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Scott T. Ferriman Project Specialist

Scott Tikum

Enclosures

4784B LOG NUMBER: 09/21/94 DATE SAMPLED: DATE RECEIVED: 09/21/94 09/23/94 DATE INITIATED: 09/23/94 DATE EXTRACTED: 09/24/94

DATE ANALYZED: DATE REPORTED:

09/26/94

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

Robert F. Flory

PROJECT:

No. SF-00554, Clearprint

Sample Type:

Soil

Method and Constituent:

<u>Method Blank</u> T4-MW1-6 Reporting Concen-Reporting Concen-Limit <u>tration</u> Limit <u>Units</u> <u>tration</u>

DHS Method:

Total Petroleum Hydrocarbons as Gasoline

3,700 7,900 ug/kg

ND

500

QC Summary:

% Recovery: 105

% RPD:

1.9

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager



RECEIVED OCT 0 3 1994

September 28, 1994

Mr. Robert F. Flory Marcor of California, Inc. 2601 Barrington Court Hayward, California 94545

Dear Mr. Flory:

Trace Analysis Laboratory received four soil samples on September 21, 1994 for your Project No. SF-00554, Clearprint (our custody log number 4784A).

These samples were analyzed for California 17 Metals and by EPA 8270. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

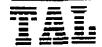
Sincerely yours,

Scott T. Ferriman

Salt T. Femme

Project Specialist

Enclosures



LOG NUMBER: 4784A
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/23/94
DATE EXTRACTED: 09/23/94
DATE ANALYZED: 09/27/94
DATE REPORTED: 09/28/94

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

Robert F. Flory

PROJECT:

NO. SF-00554, Clearprint

	Sample Type: Soil						
		T3-EW1		T4-BF1		T4-NW1-6	
	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting Limit
?70:							
	ug/kg	ND	3,600	ND	3,600	ND	3,600
thylamine	ug/kg	ND	660	ND	660	ND	660
	ug/kg	ND	660	ND	660	ND	660
ethyl)	ug/kg	ND	660	ND	660	ND	660
1	ug/kg	ND	660	ND	660	ND	660
enzene	ug/kg	ND	660	ND	660	ND	660
enzene	ug/kg	ND	660	ND	660	ND	660
enzene	ug/kg	ND	660	ND	660	ND	660
oisopropyl)	ug/kg	ND	660	ND	660	ND	660
N-	ug/kg	ND	660	ND	660	ND	660
ol (O-Cresol)	ug/kg	ND	660	ND	660	ND	660
ane	ug/kg	ND	660	ND	660	ND	660
	ug/kg	ND	660	ND	660	ND	660
	ug/kg	ND	660	ND	660	ND	660
	ug/kg	ND	660	ND	660	ND	660
henol	ug/kg	ND	660	ND	660	ND	660
thoxy)	ug/kg	ND	660	ND	660	ND	660
henol	ug/kg	ND	660	ND	660	ND	660
robenzene	ug/kg	NĐ	660	ND	660	ND	660
	ug/kg	ND	660	1,300	660	ND	660
	270: ethylamine pethyl) ol penzene penzene pisopropyl) ol	ug/kg	Units Concentration 270: ug/kg ND ug/kg ND ug/kg ND ug/kg ND oethyl) ug/kg ND oethyl) ug/kg ND oenzene ug/kg ND ug/kg ND oenzene ug/kg ND	T3-EW1 Concent Reporting Limit	T3-EW1 Concentration Con	T3-EW1 Concentration T4-BF1 Concentration Concentrat	T3-EW1 Concent Reporting Concent Reporting T4-BF1 Concent Concent Tation Tation

LOG NUMBER:

4784A

DATE SAMPLED: DATE RECEIVED: 09/21/94 09/21/94

DATE EXTRACTED: 09/23/94 DATE ANALYZED: 09/27/94

DATE REPORTED:

09/28/94

PAGE:

Two

	Sample	Type:	 <u> 3011</u>
	-	-	

Mathad and			T3-EWI	- Canaan	T4-BF1		4-NW1-6
Method and <u>Constituent</u>	<u>Units</u>	Concen- <u>tration</u>		g Concen- <u>tration</u>		Concen- tration	Reporting <u>Limit</u>
EPA Method 8270 (Continue	ed):						
Hexachlorobutadiene	ug/kg	ND	660	ND	660	ND	660
3-Methylphenol and 4- Methylphenol (m-Cresol and p-Cresol)	ug/kg	NĐ	1,300	ND	1,300	ND	1,300
4-Chloro-3-Methyl-phenol	ug/kg	ND	1,300	ND	1,300	ND	1,300
Hexachlorocyclo- pentadiene	ug/kg	ND	660	ND	660	ND	660
2,4,6-Trichlorophenol	ug/kg	ND	660	ND	660	ND	660
2-Chloronaphthalene	ug/kg	ND	660	ND	660	ND	660
Dimethylphthalate	ug/kg	ND	660	ND	660	ND	660
Acenaphthylene	ug/kg	ND	660	ND	660	ND	660
Acenaphthene	ug/kg	ND	660	ND	660	ND	660
2,4-Dinitrophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
4-Nitrophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
2,4-Dinitrotoluene	ug/kg	ND	660	ND	660	ND	660
2,6-Dinitrotoluene	ug/kg	ND	660	ND	660	ND	660
Diethylphthalate	ug/kg	ND	660	ND	660	ND	660
4-Chlorophenyl-phenyl- ether	ug/kg	ND	660	ND	660	ND	660
Fluorene	ug/kg	ND	660	ND	660	ND	660
N-Nitrosodiphenylamine	ug/kg	ND	660	ND	. 660	ND	660
4-Bromophenyl-phenyl- ether	ug/kg	ND	660	ND	660	ND	660
Hexachlorobenzene	ug/kg	ND	660	ND	660	ND	660
Pentachlorophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
Phenanthrene	ug/kg	ND	660	ND	660	ND	660
Anthracene	ug/kg	ND	660	1,100	660	ND	660
Concentrations reported a	c MD wa	vo not d	otoctod at	on above	the veneutin	~ 7 <i>2 2 .</i>	

LOG NUMBER: 4784A
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/21/94
DATE EXTRACTED: 09/23/94
DATE ANALYZED: 09/27/94
DATE REPORTED: 09/28/94
PAGE: Three

Sample Type: Soil

			T3	-EWI	T4	-BF1	T4	-NW1-6
	Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
	EPA Method 8270 (Continued):						
	Di-N-Butylphthalate	ug/kg	ND	660	ND	660	ND	660
	4,6-Dinitro-2-Methylphenol	ug/kg	ND	660	ND	660	ND	660
	Fluoranthene	ug/kg	ND	660	1,100	660	ND	660
	Benzidine	ug/kg	ND	660	ND	660	ND	660
	Pyrene	ug/kg	ND	660	960	660	ND	660
	Butylbenzylphthalate	ug/kg	ND	660	ND	660	ND	660
	3,3'-Dichlorobenzidine	ug/kg	ND	1,300	ND	1,300	ND	1,300
	Benzo(a)Anthracene	ug/kg	ND	660	ND	660	ND	660
	Bis(2-Ethylhexyl) Phthalate	ug/kg	ND	660	ND	660	ND	660
	Chrysene	ug/kg	ND	660	ND	660	ND	660
	Di-N-Octylphthalate	ug/kg	ND	660	ND	660	ND	660
	Benzo(b)Fluoranthene	ug/kg	ND	660	ND	660	ND	660
	Benzo(k)Fluoranthene	ug/kg	ND	660	ND	660	ND	660
	Benzo(a)Pyrene	ug/kg	ND	660	ND	660	ND	660
ı	Indeno(1,2,3-cd)Pyrene	ug/kg	ND	660	ND	660	ND	660
	Dibenzo(a,h)Anthracene	ug/kg	ŊD	660	ND	660	ND	660
	Benzo(g,h,i)Perylene	ug/kg	ND	660	ND	660	ND	660
	Surrogate % Recovery:							
	2-Fluorophenol Phenol d6 Nitrobenzene d5 2-Fluorobiphenyl 2,4,6-Tribromophenol p-Terphenyl d14		12 10 11 9 11	5 5 4 0	10 10 11 9 10 9	6 4 8 3	100 90 90 100 94	6 7 0 6

LOG NUMBER: 4784A
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/21/94
DATE EXTRACTED: 09/23/94
DATE ANALYZED: 09/26/94
DATE REPORTED: 09/28/94
PAGE: Four

Sample Type: Soil

)	Method and Constituent:	<u>Units</u>	Metho Concen- tration	od Blank Reporting Limit
	EPA Method 8270:			
	Pyridine	ug/kg	ND	3,600
	N-Nitrosodimethylamine	ug/kg	ND	660
I	Phenol	ug/kg	ND	660
	Bis (2-Chloroethyl) Ether	ug/kg	ND	660
	2-Chlorophenol	ug/kg	ND	660
)	1,3-Dichlorobenzene	ug/kg	ND	660
	1,4-Dichlorobenzene	ug/kg	ND	660
	1,2-Dichlorobenzene	ug/kg	ND	660
	Bis (2-Chloroisopropyl) Ether	ug/kg	ND	660
)	N-Nitroso-Di-N- Propylamine	ug/kg	ND	660
	2-Methylphenol (0-Cresol)	ug/kg	ND	660
	Hexachloroethane	ug/kg	ND	660
)	Nitrobenzene	ug/kg	ИD	660
	Isophorone	ug/kg	ND	660
	2-Nitrophenol	ug/kg	ND	660
	2,4-Dimethylphenol	ug/kg	ND	660
)	Bis(2-Chloroethoxy) Methane	ug/kg	ND	660
	2,4-Dichlorophenol	ug/kg	ND	660
	1,2,4-Trichlorobenzene	ug/kg	ND	660
)	Naphthalene	ug/kg	ND	660

LOG NUMBER: 4784A
DATE SAMPLED: 09/21/94
DATE RECEIVED: 09/21/94
DATE EXTRACTED: 09/23/94
DATE ANALYZED: 09/26/94
DATE REPORTED: 09/28/94
PAGE: Five

Sample Type: Soil

	Method and <u>Constituent</u>	<u>Units</u>	Methor Concentration	od Blank Reporting Limit
	EPA Method 8270 (Continue	d):		
	Hexachlorobutadiene	ug/kg	ND	660
	3-Methylphenol and 4- Methylphenol (m-Cresol and p-Cresol)	ug/kg	ND	1,300
	4-Chloro-3-Methyl-phenol	ug/kg	ND	1,300
	Hexachlorocyclo- pentadiene	ug/kg	ND	660
	2,4,6-Trichlorophenol	ug/kg	ND	660
	2-Chloronaphthalene	ug/kg	ND	660
	Dimethylphthalate	ug/kg	ND	660
	Acenaphthylene	ug/kg	ND	660
	Acenaphthene	ug/kg	ND	660
1	2,4-Dinitrophenol	ug/kg	ND	3,600
	4-Nitrophenol	ug/kg	ND	3,600
	2,4-Dinitrotoluene	ug/kg	ND	660
	2,6-Dinitrotoluene	ug/kg	ND	660
	Diethylphthalate	ug/kg	ND	660
	4-Chlorophenyl-phenyl- ether	ug/kg	ND	660
	Fluorene	ug/kg	ND	660
	N-Nitrosodiphenylamine	ug/kg	ND	660
	4-Bromophenyl-phenyl- ether	ug/kg	ND	660
	Hexachlorobenzene	ug/kg	ND	660
	Pentachlorophenol	ug/kg	ИD	3,600
	Phenanthrene	ug/kg	ND	660
	Anthracene	ug/kg	ND	660

LOG NUMBER: 4784A

DATE SAMPLED: 09/21/94

DATE RECEIVED: 09/23/94

DATE EXTRACTED: 09/23/94

DATE ANALYZED: 09/26/94

DATE REPORTED: 09/28/94

PAGE: Six

Sample Type: Soil

Method and Constituent:	<u>Units</u>	<u>Metho</u> Concen- <u>tration</u>	d Blank Reporting Limit
EPA Method 8270 (Continued	i):		
Di-N-Butylphthalate	ug/kg	NĐ	660
4,6-Dinitro-2-Methylpheno	l ug/kg	ИD	660
Fluoranthene	ug/kg	ND	660
Benzidine	ug/kg	ND	660
Pyrene	ug/kg	ИD	660
Butylbenzylphthalate	ug/kg	ND	660
3,3'-Dichlorobenzidine	ug/kg	ND	1,300
Benzo(a)Anthracene	ug/kg	ND	660
Bis(2-Ethylhexyl) Phthalate	ug/kg	ND	660
Chrysene	ug/kg	ND	660
Di-N-Octylphthalate	ug/kg	ND	660
Benzo(b)Fluoranthene	ug/kg	ND	660
Benzo(k)Fluoranthene	ug/kg	ND	660
Benzo(a)Pyrene	ug/kg	ИD	660
<pre>Indeno(1,2,3-cd)Pyrene</pre>	ug/kg	ND	660
Dibenzo(a,h)Anthracene	ug/kg	ND	660
Benzo(g,h,i)Perylene	ug/kg	ND	660
Surrogate % Recovery:			
2-Fluorophenol Phenol d6 Nitrobenzene d5 2-Fluorobiphenyl 2,4,6-Tribromophenol p-Terphenyl d14		13 14 8 14 7 12	8 3 5 2

LOG NUMBER:

4784A

DATE SAMPLED: DATE RECEIVED: 09/21/94 09/21/94

DATE EXTRACTED:

09/22/94

DATE ANALYZED:

09/23/94, 09/26/94, 09/27/94, and 09/28/94

DATE REPORTED:

09/28/94

PAGE:

Seven

			Sample	Type:	Soil		· · · · · · · · · · · · · · · · · · ·
		Т3	-EW1	T4	-BF1	<u>T4-</u>	NW1-6
Method and Constituent:	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>
EPA Method 7040: Antimony	ug/kg	ND	79,000	ND	79,000	МD	79,000
EPA Method 7060: Arsenic	ug/kg	5,000	160	7,200	160	10,000	160
EPA Method 7080: Barium	ug/kg	210,000	50,000	75,000	50,000	180,000	50,000
EPA Method 7090: Beryllium	ug/kg	160	120	ND	120	340	120
EPA Method 7130: Cadmium	ug/kg	ND	250	ND	250	ND	250
EPA Method 7190: Chromium	ug/kg	14,000	1,200	20,000	1,200	16,000	1,200
EPA Method 7200: Cobalt	ug/kg	13,000	12,000	ND	12,000	ND	12,000
EPA Method 7210: Copper	ug/kg	9,100	500	14,000	500	12,000	500
EPA Method 7420: Lead	ug/kg	ND	3,600	31,000	3,600	ND	3,600

LOG NUMBER:

4784A

DATE SAMPLED: DATE RECEIVED:

09/21/94 09/21/94

DATE EXTRACTED:

09/22/94 and 09/27/94 09/23/94, 09/26/94, 09/27/94, and 09/28/94 09/28/94

DATE ANALYZED:

DATE REPORTED:

PAGE:

Eight

			Sample_	Type:	Soil		
		_T3	3-EW1		-BE1	T4-NW1-6	
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>
EPA Method 7471:							
Mercury	ug/kg	ND	120	ND	120	ND	120
EPA Method 7480: Molybdenum	ug/kg	ND	25,000	ND	25,000	ND	25,000
EPA Method 7520: Nickel	ug/kg	12,000	7,500	22,000	7,500	31,000	7,500
EPA Method 7740: Selenium	ug/kg	ND	250	ND	250	ND	250
EPA Method 7760: Silver	ug/kg	ND	280	ND	280	ND	280
EPA Method 7840: Thallium	ug/kg	ND	2,500	ND	2,500	ND	2,500
EPA Method 7910: Vanadium	ug/kg	16,000	5,000	14,000	5,000	13,000	5,000
EPA Method 7950: Zinc	ug/kg	9,300	1,200	33,000	1,200	21,000	1,200

LOG NUMBER:

4784A

DATE SAMPLED: DATE RECEIVED: 09/21/94 09/21/94

DATE EXTRACTED:

09/22/94

DATE ANALYZED:

09/23/94, 09/26/94, 09/27/94, and 09/28/94

DATE REPORTED:

09/28/94

PAGE:

Nine

			Sample	Type:	Soil
Method and Constituent:	<u>Units</u>	<u>Method</u> Concen- <u>tration</u>	i Blank Reporting Limit	QC Sur % Recovery	mmary % RPD
EPA Method 7040: Antimony	ug/kg	ND	79,000	98	28
EPA Method 7060: Arsenic	ug/kg	ND	160	110*	14
EPA Method 7080: Barium	ug/kg	ND	50,000	112	5.1
EPA Method 7090: Beryllium	ug/kg	ND	120	91	0.5
EPA Method 7130: Cadmium	ug/kg	ND	250	80	1.8
EPA Method 7190: Chromium	ug/kg	ND	1,200	82	6.0
EPA Method 7200: Cobalt	ug/kg	ND	12,000	102	2.8
EPA Method 7210: Copper	ug/kg	ND	500	97	2.6
EPA Method 7420: Lead	ug/kg	ND	3,600	97	2.3

^{*} The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.

LOG NUMBER:

4784A

DATE SAMPLED: DATE RECEIVED: 09/21/94 09/21/94

DATE EXTRACTED:

09/22/94 and 09/27/94 09/23/94, 09/26/94,

DATE ANALYZED:

09/27/94, and 09/28/94

DATE REPORTED:

09/28/94

PAGE:

Ten

			Samp1e	Type:	<u>Soil</u>
			d Blank	QC Sur	nmary
Method and <u>Constituent</u> : ~	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	% Recovery	% RPD
EPA Method 7471:					
Mercury	ug/kg	ND	120	89	2.0
EPA Method 7480:					
Molybdenum	ug/kg	ND	25,000	65	0.0
EPA Method 7520:	41	ND	7 500	O2	1.0
Nickel	ug/kg	ND	7,500	82	1.0
EPA Method 7740:	a /k.a	ND	250	105*	14
Selenium	ug/kg	ND	230	105	1.4
EPA Method 7760: Silver	ug/kg	ND	280	90*	6.4
EPA Method 7840:	wa/ wa	(1)			
Thallium	ug/kg	ND	2,500	70	0.0
EPA Method 7910:	<i>5. 5</i>		-		
Vanadium	ug/kg	ND	5,000	88	5.7
EPA Method 7950:					
Zinc	ug/kg	ND	1,200	92	3.0

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager

^{*} The Recovery is for the Laboratory Control Sample, due to interference in the spiked sample.



RECEIVED GOT 0 7 1994

September 30, 1994

Mr. Robert F. Flory Marcor of California, Inc. 2601 Barrington Court Hayward, California 94545

Dear Mr. Flory:

Trace Analysis Laboratory received four soil samples on September 21, 1994 for your Project No. SF-00554, Clearprint (our custody log number 4784C).

These samples were analyzed for Total Petroleum Hydrocarbons as Diesel and Gasoline. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Scott T. Ferrin

Scott T. Ferriman Project Specialist

Enclosures

4784C LOG NUMBER: DATE SAMPLED:

09/21/94 09/21/94 DATE RECEIVED:

09/23/94 DATE INITIATED: 09/26/94 DATE EXTRACTED:

DATE ANALYZED: 09/29/94

09/30/94 DATE REPORTED:

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

Robert F. Flory

PROJECT:

No. SF-00554, Clearprint

			Sample	Type:	Soil		
		T3-EW1		T4	-BF1	T4-MW1-6	
Method and <pre>Constituent:</pre>	<u>Units</u>	Concen- tration	Reporting Limit		Reporting Limit	Concen- tration	Reporting Limit
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	ug/kg	ND	1,000	220,000	1,000	3,000	1,000
Method and Constituent:	<u>Units</u>	Metho Concen- tration	od Blank Reporting Limit				
DHS Method:							

Total Petroleum Hydro-

carbons as Diesel

ug/kg

ND

1,000

QC Summary:

% Recovery: 72

% RPD:

13

Concentrations reported as ND were not detected at or above the reporting limit.

Sample T3-EW1 contains compounds eluting later than the diesel standard.

4784C LOG NUMBER: 09/21/94 DATE SAMPLED: DATE RECEIVED: 09/21/94 DATE INITIATED: 09/23/94 09/23/94 DATE EXTRACTED: DATE ANALYZED: 09/24/94 09/30/94 DATE REPORTED: Two PAGE:

Soil Sample Type:

		T3-EW1		T4-BF1		<u>Method Blank</u>	
Method and Constituent:	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
DHS Method:							
Total Petroleum Hydro- carbons as Gasoline	ug/kg	ND	500	14,000	640	МD	500

QC Summary:

% Recovery: 105 % RPD: 1.9

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager

1390

515

280

x'z'

40025 14841

80.59

7834

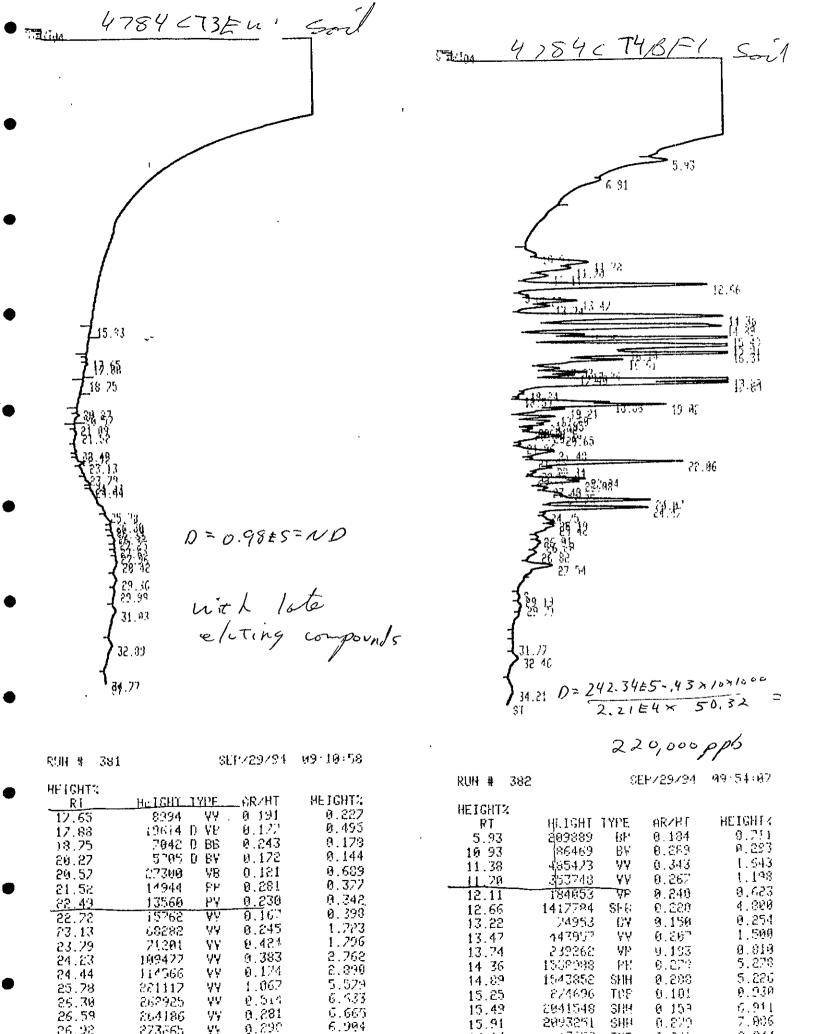
22,05

23.04

23.84

25.79

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RECEIVED 507 | 9 1994

October 14, 1994

コペラン

Mr. Robert F. Flory Marcor of California, Inc. 2601 Barrington Court Hayward, California 94545

Dear Mr. Flory:

Trace Analysis Laboratory received two water samples on October 4, 1994 for your Project No. SF-00554, Clearprint (our custody log number 4812).

These samples were analyzed for Total Petroleum Hydrocarbons as Diesel, Gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, and Total Oil and Grease. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Scott T. Ferriman

Scott To Feren

Project Specialist

Enclosures

LOG NUMBER: 4812 DATE SAMPLED: 10/04/94 10/04/94 DATE RECEIVED: DATE EXTRACTED: 10/06/94 10/12/94 DATE ANALYZED: DATE REPORTED: 10/14/94

Water

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

Robert F. Flory

PROJECT:

No. SF-00554, Clearprint

Sample Type: Method Blank T4-W1 Concen-Reporting Reporting Concen-Reporting Method and Concen-Limit tration Limit__ <u>tration</u> Limit Units tration Constituent: Standard Method 5520 B: 5,000 5,000 ND 5,000 6,900 uq/1 12,000Total Oil and Grease

QC Summary:

% Recovery: 98

% RPD:

1.3

LOG NUMBER: 4812
DATE SAMPLED: 10/04/94
DATE RECEIVED: 10/05/94
DATE EXTRACTED: 10/05/94
DATE ANALYZED: 10/07/94
DATE REPORTED: 10/14/94
PAGE: Two

		Sample	Type:	Water		
	T2	-W1	I	4-W1	Metho	d Blank
<u>Units</u>		Reporting <u>Limit</u>		Reporting <u>Limit</u>		Reporting

19,000

50

ND

50

QC Summary:

Method and Constituent:

DHS Method:

% Recovery: 91 % RPD: 6.6

Total Petroleum Hydrocarbons as Diesel

Concentrations reported as ND were not detected at or above the reporting limit.

Sample T4-W1 contains compounds eluting earlier than the diesel standard.

170

ug/1

50

LOG NUMBER: 4812
DATE SAMPLED: 10/04/94
DATE RECEIVED: 10/04/94
DATE ANALYZED: 10/05/94
DATE REPORTED: 10/14/94
PAGE: Three

Camala Tomas

			Sample	Type:	<u> Water </u>	
Method and Constituent:	<u>Units</u>	T Concen- tration	2-W1 Reporting Limit	Metho Concen- tration	d Blank Reporting Limit	
DHS Method: -						
Total Petroleum Hydro- carbons as Gasoline	ug/l	ND	50	ND	50	
Modified EPA Method 8020	o for:					
Benzene	ug/l	ND	0.50	ND	0.50	
Toluene	ug/l	ND	0.50	ND	0.50	
Ethylbenzene	ug/l	ND	0.50	ND	0.50	
Xylenes	ug/l	ND	1.5	ND	1.5	

QC Summary:

% Recovery: 106 % RPD: 3.1

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager

CHROMALAB, INC.

Environmental Services (SDB)

October 6, 1994

Submission #: 9410052

MARCOR

Atten: Robert Flory Project: CLEAR PRINT Project#: SF-00554-001

Received: October 6, 1994

re: One sample for Volatile Organic Compounds analysis.

Sample ID: T2-W1

Spl#: 65312 Sampled: October 5, 1994 Matrix: WATER Analyzed: October 6, 1994 Run#: 4129

Method: EPA_8240/8260

Method: EPA ₃ 8240/8260		REPORTING	BLANK	BLANK SPIKE
	RESULT	LIMIT	result	
	(ug/L)	(ug/L)	(ug/L)	<u>(%)</u>
ANALYTE	N.D.	10000	N.D.	-115
ACETONE	N.D.	2000	Ŋ.D.	7.72
BENZENE BROMODICHLOROMETHANE	N.D.	2000	й.р.	
BROMOFORM	N.D. N.D.	2000	N.D. N.D.	
BROMOFORM BROMOMETHANE	N.D.	2000	N.D.	
MERCHANT FRANCE KETONE	N.D.	2000	N.D.	↔ ₩
CARBON TETRACHLORIDE	N.D.	2000 2000	N.D.	108
CHLOROBENZENE	N.D.	2000	N.D.	
ርተር ለከለውጥህ እለፍ	N.D. N.D.	2000	N.D.	
2-CHLOROETHYLVINYL ETHER	N.D. N.D.	2000	N.D.	
CHTIOROFORM	N.D.	2000	N.D.	
CHLOROMETHANE	N.D.	2000	N.D.	
DIBROMOCHLOROMETHANE	N.D.	2000	N.D.	
1,1-DICHLOROETHANE	N.D.	2000	N.D.	i.07
1,2-DICHLOROETHANE	N.D. N.D.	2000	N.D.	J. U 7
1,1-DICHLOROETHENE CIS-1,2-DICHLOROETHENE	N.D.	2000	й.р.	
TRANS-1, 2-DICHLOROETHENE	N.D. N.D.	2000	N.D.	···
	N.D.	2000	N.D.	
ZTC_1 2DTCWLOROPROPEND	N.D.	2000	N.D. N.D. N.D.	
TRANS-1,3-DICHLOROPROPENE	N.D.	2000 2000	N D	
ETHYLBENZENE	10000	2000	N.D.	
2-HEXANONE	Ŋ.D.	10000	Ñ.D.	
**************************************	и.D.	2000	N.D.	-
METHYL ISOBUTYL KETONE	N.D.	2000	${\tt N.D.}$	
anti di la	N.D. N.D.	2000	N.D.	
1,1,2,2-TETRACHLOROETHANE	N.D.	2000	N.D.	-~
TETRACHLOROETHENE	160000	2000	N.D.	105
TOLUENE	Ñ.D.	2000	Ŋ.D.	
TOLUENE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE	N.D.	2000	N.D.	104
TRICHLOROETHENE	N.D.	2000	Ŋ.D.	T 0 -
TRICHLOROFLUOROMETHANE	$\mathtt{N.D.}$	2000	M.D. N.D.	
VINYL ACETATE	N.D.	2000	N.D.	
VINYL CHLORIDE	N.D.	2000	N.D.	
TOTAL XYLENES	52000	2000	-	
			11/1/2	

Dag Newson Oleg Nemtsov

Chemist

Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

October 7, 1994

Submission #: 9410052

MARCOR

Robert Flory Atten:

Project: CLEAR PRINT

Received: October 6, 1994

SF-00554-001 Project#:

1 sample for Gasoline analysis.

Matrix: WATER

Run#: 4131

Analyzed: October 6, 1994

Sampled: October 5, 1994 Method: EPA 5030/8015M

GASOLINE

REPORTING LIMIT

BLANK BLANK SPIKE RESULT

RESULT

Spl # CLIENT SMPL ID

(mq/L_)

 $(m\sigma/L)$

(mq/L)

(%)

65312 T2-W1

50

N.D.

640

93

Note: TOLUENE, ETHYL-BENZENE, XYLENES CONTRIBUTE MAINLY TO GASOLINE AMNT-

Chemist

Organic Manager

OIL AND GREASE, HYDROCARBONS

the first of tracks have a second of the second

Method:

This is method 5520F from <u>Standard Methods for the Examination of Water and Wastewater</u>, 17th edition.

Sample Preparation and Analysis

The sample is extracted with freon using solvent agitation. The freon extract is collected. The extract is then dried with sodium sulfate and treated with silica gel. Non-petroleum oil and grease is removed by absorption onto the silca gel. The freon is evaporated leaving the oil and grease as a residue.

Calculation

The oil and grease is weighed and compared to the sample weight to obtain a final concentration of oil and grease.

11/9/90



EPA METHOD 8270, SEMIVOLATILE ORGANICS FOR SOIL

Method:

This is EPA Method 8270 from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846," 2nd edition, by the U.S. Environmental Protecton Agency.

<u>Sample_Preparation:</u>

Sample preparation is by EPA Method 3550, solvent extraction with sonication. Methylene chloride is the solvent used. The extraction is followed by a concentration process using a Kuderna-Danish apparatus.

Sample Introduction:

Samples are introduced by direct injection.

Gas Chromatography Analysis:

The semivolatile organics are separated on a capillary gas chromatography column. A mass spectrometer is used to detect the compounds.

<u>Calculation</u>:

Compounds are identified by comparing ion spectra with the ion spectra of the 8270 compounds in our standards. The compounds are quantified by using the internal standard method of calibration.



November 1, 1994

المنان و المناه من سروف

Mr. John Pruett, III Marcor of California, Inc. 2601 Barrington Court Hayward, California 94545

Dear Mr. Pruett:

Trace Analysis Laboratory received twenty-one soil samples on October 7, 1994 for your Project No. SF-00554-001, Clearprint (our custody log number 4830).

These samples were analyzed according to your chain of custody. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Scott T. Ferriman

South Fremme

Project Specialist

Enclosures

LOG NUMBER: 4830
DATE SAMPLED: 10/04/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/12/94
DATE REPORTED: 11/01/94
PAGE: Seven

Sample Type: Soil

		Ţ1_	B1-12	T1-	E1-12	T1-	N1-11
Method and	11 12	Concen-	Reporting	Concen-	Reporting	Concen-	Reporting
<u>Constituent</u> :	<u>Units</u>	<u>tration</u>	<u>Limit</u>	<u>tration</u>	<u>Limit</u>	<u>tration</u>	<u>Limit</u>
EPA Method 8240:							
Chloromethane	ug/kg	ND	60	ND	60	ND	60
Bromomethane	ug/kg	ND	60	ND	60	ND	60
Dichlorodifluoromethane	ug/kg	ND	60	ND	60	ND	60
Vinyl Chloride	ug/kg	ND	120	ND	120	ND	120
Chloroethane	ug/kg	ND	120	ND	120	ND	120
Iodomethane	ug/kg	ND	1,200	ND	1,200	ND	1,200
Methylene Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200
Acetone	ug/kg	ND	1,200	ND	1,200	ND	1,200
Carbon Disulfide	ug/kg	ND	1,200	ND	1,200	ND	1,200
Trichlorofluoromethane	ug/kg	ND	120	ND	120	ND	120
1,1-Dichloroethene	ug/kg	ND	60	ND	60	ND	60
Allyl Chloride	ug/kg	ND	60	ND	60	ND	60
1,1-Dichloroethane	ug/kg	ND	60	ND	60	ND	60
Trans-1,2-Dichloroethene	ug/kg	ND	60	ND	60	ND	60
Chloroform	ug/kg	ND	60	ND	60	ND	60
2-Butanone (MEK)	ug/kg	ND	1,200	ND	1,200	ND	1,200
1,2-Dichloroethane	ug/kg	ND	60	ND	60	ND	60
Dibromomethane	ug/kg	ND	60	ND	60	ND	60
1,1,1-Trichloroethane	ug/kg	ND	60	ND	60	ND	60
Carbon Tetrachloride	ug/kg	מא	60	ND	60	ND	60

LOG NUMBER: 4830
DATE SAMPLED: 10/04/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/12/94
DATE REPORTED: 11/01/94
PAGE: Eight

<u>Sample Type: Soil</u>

			B1-12	<u>T1-</u>	E1-12		N1-11
Method and	lln i+ c	Concen-	Reporting Limit	Concen- tration	ReportingLimit	Concen- tration	Reporting Limit
<u>Constituent</u>	<u>Units</u>	<u>tration</u>	_ LINIIL	Lration	<u> EIHIIL</u>	<u>trat jun</u>	LIMIL
EPA Method 8240 (Continued):	•						•
Vinyl Acetate	ug/kg	ND	600	ND	600	ND	600
Bromodichloromethane	ug/kg	ND	60	ND	60	ND	60
1,2-Dichloropropane	ug/kg	ND	60	ND	60	ND	60
Cis-1 3-Dichloropropene	ug/kg	ND	60	ND	60	ND	60
Bromoacetone	ug/kg	ND	1,200	ND	1,200	ND	1,200
Trichloroethene	ug/kg	ND	60	ND	60	ND	60
Benzene	ug/kg	ND	60	ND	60	ND	60
Chlorodibromomethane	ug/kg	ND	60	ND	60	ND	60
1,1,2-Trichloroethane	ug/kg	ND	60	ND	60	ND	60
Trans-1 3-Dichloropropane	ug/kg	ND	60	ND	60	ND	60
1 2-Dibromoethane (EDB)	ug/kg	ND	60	ND	60	ND	60
2-Chloroethylvinyl Ether	ug/kg	ND	120	ND	120	ND	120
Acrolein	ug/kg	ND	1,200	ND	1,200	ND	1,200
Bromoform	ug/kg	ND	60	ND	60	ND	60
1,1,1,2-Tetrachloroethane	ug/kg	ND	60	ND	60	ND	60
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	ND	600	ND	600
2-Hexanone	ug/kg	ND	600	ND	600	ND	600
1,2,3-Trichloropropane	ug/kg	ND	60	ND	60	ND	60
1,1,2,2-Tetracholorethane	ug/kg	ND	60	ND	60	ND	60
Tetrachloroethene	ug/kg	ND	60	ND	60	ND	60
Toluene	ug/kg	· ND	60	ND	60	ND	60
Chlorobenzene	ug/kg	ND	60	ND	60	ND	60
Ethyl Benzene	ug/kg	ND	60	ND	60	ND	60

LOG NUMBER: 4830
DATE SAMPLED: 10/04/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/12/94
DATE REPORTED: 11/01/94
PAGE: Nine

-			Sample Ty	pe: S	oil		
		T1-	B1-12	T1-	E1-12	T1-	·N1-11
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting Limit	Concen- tration	Reporting Limit
EPA Method 8240 (Continued)	•						
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200	ND	1,200	ND	1,200
Benzyl Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200
Styrene	ug/kg	ND	60	ND	60	ND	60
Xylenes	ug/kg	ND	180	ND	180	ND	180
1,3-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60
1,2-Dichlorobenzene	ug/kg	ND	60	ND	60	CIN	60
1,4-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60
Surrogate % Recovery							
1,2-Dichloroethane-d4]	.05	1	.09		101
Toluene-d8			82		76		82
4-Bromofluorobenzne			97	1	.03		98

LOG NUMBER:

4830 DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94 10/07/94

DATE RECEIVED: DATE EXTRACTED:

10/27/94

DATE ANALYZED:

10/28/94 and 10/31/94

DATE REPORTED:

11/01/94

CUSTOMER:

Marcor of California, Inc.

REQUESTER:

John Pruett, III

PROJECT:

No. SF-00554-001, Clearprint

PROJECT:	No. 51-00354-001, Clear printe								
•			Sample	Type:	Soil				
		T1-B	1-12	T1-	E1-12	T1-	N1-11		
Method and <u>Constituent</u> :	<u>Units</u>	Concen-	Reporting Limit		Reporting Limit				
Standard Method 5520F:									
Hydrocarbon									
Oil and Grease	ug/kg	ND	50,000	ND	50,000	ND	50,000		
		T1-S	1-10	T1-	W1-11		B1-13.5		
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>		
Standard Method 5520F:									
Hydrocarbon									
Oil and Grease	ug/kg	ND	50,000	ND	50,000	· ND	50,000		
		T2-E	1-12		N1-10		S1-10		
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>		Reporting <u>Limit</u>		• •		
Standard Method 5520F:									
Hydrocarbon									
Oil and Grease	ug/kg	340,000	50,000	120,000	50,000	ND	50,000		
		T2-W	1-10	T3 <i>-</i>	B1-13		E1-12		
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	, ,		Reporting <u>Limit</u>		Reporting <u>Limit</u>		
Standard Method 5520F:									
Hydrocarbon									
Oil and Grease	ug/kg	ND	50,000	ND	50,000	410,000	50,000		

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED: DATE EXTRACTED:

10/07/94 10/17/94

DATE ANALYZED: DATE REPORTED: 10/27/94 11/01/94

PAGE:

Three

Sample Type:

Soil

Method and Constituent :	<u>Units</u>	Tl- Concen- tration	B1-12 Reporting Limit	T1- Concen- tration	E1-12 Reporting Limit	T1- Concen- tration	N1-11 Reporting Limit
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	ug/kg	ND	1,000	ND	1,000	ND	1,000
Method and Constituent:	<u>Units</u>	T1- Concen- tration	S1-10 Reporting Limit	T1- Concen- tration	W1-11 Reporting Limit	T2- Concen- tration	B1-13.5 Reporting Limit
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	ug/kg	ND	1,000	56,000	1,000	ND	1,000
Method and <pre>Constituent:</pre>	<u>Units</u>	T2- Concen- tration	E1-12 Reporting Limit	T2- Concen- tration	N1-10 Reporting Limit	T2- Concen- tration	S1-10 Reporting <u>Limit</u>
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	ug/kg	54,000	1,000	ND	1,000	ND	1,000
Method and Constituent:	<u>Units</u>	T2- Concen- tration	W1-10 Reporting Limit	T3- Concen- tration	B1-13 Reporting Limit	T3- Concen- tration	E1-12 Reporting Limit
DHS Method:							
Total Petroleum Hydro- carbons as Diesel	ug/kg	ND	1,000	ND	1,000	5,300	1,000

Concentrations reported as ND were not detected at or above the reporting limit.

Sample T3-E1-12 contains compounds eluting later than the Diesel standard.

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

10/14/94

DATE ANALYZED:

10/15/94 and 10/18/94

DATE REPORTED:

11/01/94

500

520

ND

500

PAGE:

Five

			Sample	Type:	Soil	<u></u>	
		T1-	B1-12	T1-	E1-12	T1-	N1-11
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concentration	Reporting <u>Limit</u>		Reporting <u>Limit</u>
DHS Method:							
Total Petroleum Hydro- carbons as Gasoline	ug/kg	ND	500	5,400	740	ND	500
		T1-	S1-10	T1-	W1-11		B1-13.5
Method and <u>Constituent</u> :	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
DHS Method:							
Total Petroleum Hydro- carbons as Gasoline	ug/kg	ND	500	34,000	7,400	22,000	15,000
Method and Constituent:	<u>Units</u>	T2- Concen- tration	E1-12 Reporting Limit	T2- Concen- tration	N1-10 Reporting <u>Limit</u>	T2- Concen- tration	S1-10 Reporting Limit
DHS Method:							
Total Petroleum Hydro- carbons as Gasoline	ug/kg	10,000	700	16,000	1,400	5,700	1,500
Method and <u>Constituent</u> :	<u>Units</u>	T2- Concen- tration	W1-10 Reporting Limit	T3- Concen- tration	B1-13 Reporting Limit	T3- Concen- tration	E1-12 Reporting Limit
DHS Method:							

Concentrations reported as ND were not detected at or above the reporting limit.

ug/kg 1,600

500

Total Petroleum Hydrocarbons as Gasoline

LOG NUMBER:

4830

10/04/94 and 10/06/94 DATE SAMPLED:

DATE RECEIVED:

DATE EXTRACTED: DATE ANALYZED:

10/07/94 10/11/94 10/11/94 and 10/12/94

DATE REPORTED:

11/01/94

PAGE:

Ten

				Sample	Type:	Soil		
			T1-	S1-10	T1-	W1-11	_T2-8	1-13.5
,	Method and Constituent:	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
	EPA Method 8240:							
	Chloromethane	ug/kg	ND	60	ND	900	ND	60
)	Bromomethane	ug/kg	ND	60	ND	900	ND	60
	Dichlorodifluoromethane	ug/kg	ND	60	ND	900	ND	60
	Vinyl Chloride	ug/kg	ND	120	ND	1,800	ND	120
	Chloroethane	ug/kg	ND	120	ND	1,800	ND	120
•	Iodomethane	ug/kg	ND	1,200	ND	18,000	ND	1,200
	Methylene Chloride	ug/kg	ND	1,200	ND	18,000	ND	1,200
	Acetone	ug/kg	ND	1,200	ND	18,000	ND	1,200
	Carbon Disulfide	ug/kg	ND	1,200	ND	18,000	ND	1,200
)	Trichlorofluoromethane	ug/kg	ND	120	ND	1,800	ND	120
	1,1-Dichloroethene	ug/kg	ND	60	ND	900	ND	60
	Allyl Chloride	ug/kg	ND	60	ND	900	ND	60
	1,1-Dichloroethane	ug/kg	ND	60	ND	900	ND	60
•	Trans-1,2-Dichloroethene	ug/kg	ND	60	ND	900	ND	60
	Chloroform	ug/kg	ND	60	ND	900	ND	60
	2-Butanone (MEK)	ug/kg	ND	1,200	ND	18,000	ND	1,200
	1,2-Dichloroethane	ug/kg	ND	60	ND	900	ND	60
)	Dibromomethane	ug/kg	ND	60	ND	900	ND	60
	1,1,1-Trichloroethane	ug/kg	ND	60	ND	900	ND	60
	Carbon Tetrachloride	ug/kg	ND	60	ND	900	ND	60

LOG NUMBER:

4830

10/04/94 and 10/06/94 DATE SAMPLED:

DATE RECEIVED: DATE EXTRACTED: 10/11/94

10/07/94

DATE ANALYZED:

10/11/94 and 10/12/94

DATE REPORTED:

11/01/94

PAGE:

Eleven

			Sample_	Γype: S	oil		
		T1-	S1-10	<u>T1-</u>	W1-11	T2-E	1-13.5
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>
EPA Method 8240 (Continued)	:						
Vinyl Acetate	ug/kg	ND	600	ND	9,000	ND	600
Bromodichloromethane	ug/kg	ND	60	ND	900	ND	60
1,2-Dichloropropane	ug/kg	ND	60	ND	900	ND	60
Cis-1 3-Dichloropropene	ug/kg	ND	60	ND	900	ND	60
Bromoacetone	ug/kg	ND	1,200	ND	18,000	ND	1,200
Trichloroethene	ug/kg	ND	60	ND	900	ND	60
Benzene	ug/kg	ND	60	/14,000	900	19	60
Chlorodibromomethane	ug/kg	ND	60	ND	900	ND	60
1,1,2-Trichloroethane	ug/kg	ND	60	ND	900	ND	60
Trans-1 3-Dichloropropane	ug/kg	ND	60	ND	900	CIM	60
1 2-Dibromoethane (EDB)	ug/kg	ND	60	ND	900	ND	60
2-Chloroethylvinyl Ether	ug/kg	ND	120	ND	1,800	ND	120
Acrolein	ug/kg	ND	1,200	ND	18,000	ND	1,200
Bromoform	ug/kg	ND	60	ND	900	CN	60
1,1,1,2-Tetrachloroethane	ug/kg	ND	60	ND	900	ND	60
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	ND	9,000	ND	600
2-Hexanone	ug/kg	ND	600	ND	9,000	ND	600
1,2,3-Trichloropropane	ug/kg	ND	60	ND	900	ND	60
1,1,2,2-Tetracholorethane	ug/kg	ND	60	ND	900	ND	60
Tetrachloroethene	ug/kg	ND	60	ND	900	ND	60
Toluene	ug/kg	ND	60 /	11,000	900	750	60
Chlorobenzene	ug/kg	ND	60	NQ	900	ND	60
Ethyl Benzene	ug/kg	ND	60 (10,000	900	750	60

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94 and 10/06/94

DATE RECEIVED: DATE EXTRACTED: 10/07/94

DATE ANALYZED:

10/11/94 10/11/94 and 10/12/94 11/01/94

DATE REPORTED:

PAGE:

Twelve

			Sample T	ype: S	oil		
		T1-	·S1-10	T1-	W1-11	T2-B	1-13.5
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Report in Limit
EPA Method 8240 (Continued)	:						
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200	ND	18,000	ND	1,200
Benzyl Chloride	ug/kg	ND	1,200	ND	18,000	ND	1,200
Styrene	ug/kg	ND	60	ND	900	ND	60
Xylenes	ug/kg	ND	180	32,000	2,700	2,300	180
1,3-Dichlorobenzene	ug/kg	ND	60	ND	900	ND	60
1,2-Dichlorobenzene	ug/kg	ND	60	ND	900	ND	60
1,4-Dichlorobenzene	ug/kg	ND	60	ND	900	ND	60
Surrogate % Recovery							
1,2-Dichloroethane-d4		9	96		234		100
Toluene-d8		:	82		82		54
4-Bromofluorobenzne		!	96		98		99

Concentrations reported as ND were not detected at or above the reporting limit.

LOG NUMBER: DATE SAMPLED:

4830

10/04/94, 10/05/94, and 10/06/94

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

DATE ANALYZED:

10/11/94 10/11/94 and 10/18/94 11/01/94

DATE REPORTED:

PAGE:

Twenty-eight

Sample Type: Soil

Method and Constituent:	<u>Units</u>	Metho Concen- tration	d Blank Reporting Limit
EPA Method 8240:			
Chloromethane	ug/kg	ND	60
Bromomethane	ug/kg	МD	60
Dichlorodifluoromethane	ug/kg	ND	60
Vinyl Chloride	ug/kg	ND	120
Chloroethane	ug/kg	ND	120
Iodomethane	ug/kg	ND	1,200
Methylene Chloride	ug/kg	ND	1,200
Acetone	ug/kg	ND	1,200
Carbon Disulfide	ug/kg	ND	1,200
Trichlorofluoromethane	ug/kg	ND	120
1,1-Dichloroethene	ug/kg	ND	60
Allyl Chloride	ug/kg	ND	60
1,1-Dichloroethane	ug/kg	ND	60
Trans-1,2-Dichloroethene	ug/kg	ND	60
Chloroform	ug/kg	ND	60
2-Butanone (MEK)	ug/kg	ND	1,200
1,2-Dichloroethane	ug/kg	ND	60
Dibromomethane	ug/kg	ND	60
1,1,1-Trichloroethane	ug/kg	ND	60
Carbon Tetrachloride	ug/kg	ND	60

LOG NUMBER: 4830

DATE SAMPLED: 10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94

DATE ANALYZED: 10/11/94 and 10/18/94

DATE REPORTED: 11/01/94
PAGE: Twenty-nine

Sample Type: Soil

Method and		Concen-	l Blank Reporting	
<u>Constituent</u>	<u>Units</u>	<u>tration</u>	<u>Limit</u>	
EPA Method 8240 (Continued)	•			
Vinyl Acetate	ug/kg	ND	600	
Bromodichloromethane	ug/kg	ND	60	
1,2-Dichloropropane	ug/kg	ND	60	
Cis-1 3-Dichloropropene	ug/kg	ND	60	
Bromoacetone	ug/kg	ND	1,200	
Trichloroethene	ug/kg	ND	60	
Benzene	ug/kg	ND	60	
Chlorodibromomethane	ug/kg	ND	60	
1,1,2-Trichloroethane	ug/kg	ND	60	
Trans-1 3-Dichloropropane	ug/kg	ND	60	
1 2-Dibromoethane (EDB)	ug/kg	ND	60	
2-Chloroethylvinyl Ether	ug/kg	ND	120	
Acrolein	ug/kg	ND	1,200	
Bromoform	ug/kg	ND	60	
1,1,1,2-Tetrachloroethane	ug/kg	ND	60	
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	
2-Hexanone	ug/kg	ND	600	
1,2,3-Trichloropropane	ug/kg	ND	60	
1,1,2,2-Tetracholorethane	ug/kg	ND	60	
Tetrachloroethene	ug/kg	ND	60	
Toluene	ug/kg	ND	60	
Chlorobenzene	ug/kg	ND	60	
Ethyl Benzene	ug/kg	ND	60	

Concentrations reported as ND were not detected at or above the reporting limit.

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

10/11/94

DATE ANALYZED:

10/11/94 and 10/18/94

DATE REPORTED:

11/01/94

PAGE:

Thirty

Sample Type: Soil

Method and Constituent	<u>Units</u>	Metho Concen- tration	d Blank Reporting Limit
EPA Method 8240 (Continued)	:		
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200
Benzyl Chloride	ug/kg	ND	1,200
Styrene	ug/kg	ND	60
Xylenes	ug/kg	ND	180
1,3-Dichlorobenzene	ug/kg	ND	60
1,2-Dichlorobenzene	ug/kg	ND	60
1,4-Dichlorobenzene	ug/kg	ND	60
Surrogate % Recovery			
1,2-Dichloroethane-d4		103,	98

Toluene-d8

4-Bromofluorobenzne

Concentrations reported as ND were not detected at or above the reporting limit.

79, 101

93, 99

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED: DATE EXTRACTED: 10/07/94

DATE ANALYZED: DATE REPORTED:

10/18/94 10/26/94 11/01/94

PAGE:

Thirty-one

Sample Type: Soil

			T1-	E1-12	T2-B1-13.5		T3-B1-13	
,	Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>
	EPA Method 8270:							
	Pyridine	ug/kg	ND	3,600	ND	3,600	ND	3,600
•	N-Nitrosodimethylamine	ug/kg	ND	660	ND	660	ND	660
	Pheno1	ug/kg	ND	660	ND	660	ND	660
	Bis (2-Chloroethyl) Ether	ug/kg	ND	660	ND	660	ND	660
	2-Chlorophenol	ug/kg	ND	660	ND	660	ND	660
	1,3-Dichlorobenzene	ug/kg	ND	660	ND	660	ND	660
	1,4-Dichlorobenzene	ug/kg	ND	660	ND	660	ND	660
	1,2-Dichlorobenzene	ug/kg	ND	660	ND	660	ND	660
	Bis (2-Chloroisopropyl) Ether	ug/kg	ND	660	ND	660	ND	660
	N-Nitroso-Di-N- Propylamine	ug/kg	ND	660	ND	660	ND	660
	2-Methylphenol (0-Cresol)	ug/kg	ND	660	ND	660	ND	660
	Hexachloroethane	ug/kg	ND	660	ND	660	ND	660
	Nitrobenzene	ug/kg	ND	660	ND	660	ND	660
	Isophorone	ug/kg	ND	660	ND	660	ND	660
	2-Nitrophenol	ug/kg	ND	660	ND	660	ND	660
•	2,4-Dimethylphenol	ug/kg	ND	660	ND	660	ND	660
	Bis(2-Chloroethoxy) Methane	ug/kg	ND	660	ND	660	ND	660
	2,4-Dichlorophenol	ug/kg	ND	660	ND	660	ND	660
•	1,2,4-Trichlorobenzene	ug/kg	ND	660	ND	660	ND	660
	Naphthalene	ug/kg	ND	660	ND	660	ND	660

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94, and 10/06/94

DATE RECEIVED:

10/07/94 10/18/94

DATE EXTRACTED: DATE ANALYZED: DATE REPORTED:

10/26/94 11/01/94

PAGE:

Thirty-two

Sample Type: Soil

		T1-	-E1-12	T2-	-B1-13.5	<u>T3</u> -	-B1-13
Method and <u>Constituent</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
EPA Method 8270 (Continue	d):						
Hexachlorobutadiene	ug/kg	ND	660	ND	660	ND	660
3-Methylphenol and 4- Methylphenol (m-Cresol and p-Cresol)	ug/kg	ND	1,300	ND	1,300	ND	1,300
4-Chloro-3-Methyl-phenol	ug/kg	ND	1,300	ND	1,300	ND	1,300
Hexachlorocyclo- pentadiene	ug/kg	ND	660	ND	660	ND	660
2,4,6-Trichlorophenol	ug/kg	ND	660	ND	660	ND	660
2-Chloronaphthalene	ug/kg	ND	660	ND	660	ND	660
Dimethylphthalate	ug/kg	ND	660	ND	660	ND	660
Acenaphthylene	ug/kg	ND	660	ND	660	ND	660
Acenaphthene	ug/kg	ND	660	ND	660	ND	660
2,4-Dinitrophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
4-Nitrophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
2,4-Dinitrotoluene	ug/kg	ND	660	ND	660	ND	660
2,6-Dinitrotoluene	ug/kg	ND	660	ND	660	ND	660
Diethylphthalate	ug/kg	ND	660	ND	660	ND	660
4-Chlorophenyl-phenyl- ether	ug/kg	ND	660	ND	660	ND	660
Fluorene	ug/kg	ND	660	ND	660	ND	660
N-Nitrosodiphenylaminė	ug/kg	ND	660	ND	660	ND	660
4-Bromophenyl-phenyl- ether	ug/kg	ND	660	ND	660	ND	660
Hexachlorobenzene	ug/kg	ND	660	ND	660	ND	660
Pentachlorophenol	ug/kg	ND	3,600	ND	3,600	ND	3,600
Phenanthrene	ug/kg	ND	660	ND	660	ND	660
Anthracene	ug/kg	ND	660	ND	660	ND	660

LOG NUMBER:

4830

DATE SAMPLED:

10/04/94, 10/05/94,

and 10/06/94

DATE RECEIVED: DATE EXTRACTED: 10/18/94

10/07/94

DATE ANALYZED: DATE REPORTED:

10/26/94 11/01/94

PAGE:

Thirty-Three

Sample Type: Soil

		T1-	E1-12		B1-13.5	T3-B1-13	
Method and Constituent:	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- <u>tration</u>	Reporting Limit
EPA Method 8270 (Continued							
Di-N-Butylphthalate	ug/kg	ND	660	ND	660	ND	660
4,6-Dinitro-2-Methylphenol		ND	660	ND	660	ND	660
Fluoranthene	ug/kg ug/kg	ND	660	ND	660	ND	660
Benzidine	ug/kg		660	ND	660	ND	660
Pyrene	ug/kg ug/kg		660	ND	660	ND	660
Butylbenzylphthalate	ug/kg ug/kg	ND	660	ND	660	ND	660
3,3'-Dichlorobenzidine	ug/kg ug/kg		1,300	ND	1,300	ND	1,300
•			660	ND	660	ND	660
Benzo(a)Anthracene Bis(2-Ethylhexyl)	ug/kg ug/kg		660	ND	660	ND	660
Phthalate	ug/ kg	NO	000	110	000	nb	300
Chrysene	ug/kg	ND	660	ND	660	ND	660
Di-N-Octylphthalate	ug/kg	ND	660	ND	660	ND	660
Benzo(b)Fluoranthene	ug/kg	ND	660	ND	660	ND	660
Benzo(k)Fluoranthene	ug/kg	ND	660	ND	660	ND	660
Benzo(a)Pyrene	ug/kg	ND	660	ND	660	ND	660
Indeno(1,2,3-cd)Pyrene	ug/kg		660	ND	660	ND	660
Dibenzo(a,h)Anthracene	ug/kg		660	ND	660	ND	660
Benzo(g,h,i)Perylene	ug/kg		660	ND	660	ND	660
Surrogate % Recovery:							
2-Fluorophenol		10		10			13
Phenol d6 Nitrobenzene d5		8 13	33	1])3 8	7 10	7 14
2-Fluorobiphenyl		g	93	8	35	8	30
2,4,6-Tribromophenol		14		14		13	.5 78
p-Terphenyl dl4		č	39	5	96	,	O

LOG NUMBER:

4830

DATE SAMPLED:

10/05/94 and 10/06/94 10/07/94

DATE RECEIVED: DATE EXTRACTED:

10/07/94

DATE ANALYZED: DATE REPORTED:

10/31/94 11/01/94

PAGE:

Two

Sample Type:

Soil

								
,	Method and Constituent:	Units	Concen-	N1-12 Reporting Limit		S1-10.5 Reporting	T3- Concen- tration	W1-10 Reporting Limit
	Standard Method 5520F:					-		
	Hydrocarbon							
	Oil and Grease	ug/kg	930,000	50,000	ND	50,000	ND	50,000
			T4-8	W1-13.5	T4-	E2-12	T4-	N2-12
	Method and Constituent:	<u>Units</u>	Concen-		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
	Standard Method 5520F:							
ı	Hydrocarbon							
	Oil and Grease	ug/kg	ND	50,000	ND	50,000	ND	50,000
			T4-	N3-10	T4-	\$1-10.4	T4-	S2-9.5
)	Method and <u>Constituent</u> :	<u>Units</u>	Concen-		Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>
	Standard Method 5520F:							
	Hydrocarbon							
	Oil and Grease	ug/kg	ND	50,000	ND	50,000	ND	50,000
,			Metho	nd Blank			,	
	Method and <u>Constituent</u> :	<u>Units</u>	Concen-					
	Standard Method 5520F:							
۲	Hydrocarbon							
	Oil and Grease	ug/kg	ND	50,000				
	OC Summary:							

Concentrations reported as ND were not detected at or above the reporting limit.

73

2.2

% Recovery:

% RPD:

LOG NUMBER:

4830

DATE SAMPLED:

10/05/94 and 10/06/94,

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

10/17/94

DATE ANALYZED:

10/27/94 and 11/01/94

DATE REPORTED: PAGE:

11/01/94 Four

Sample Type:

Soil

Mathed and		T3- Concen-	N1-12 Reporting		S1-10.5 Reporting	T3-W1-10 Concen- Reporting			
Method and <u>Constituent</u> :	<u>Units</u>	<u>tration</u>	<u>Limit</u>						
DHS Method:									
Total Petroleum Hydro- carbons as Diesel	ug/kg	7,300	1,000	ND	1,000	ND	1,000		
			W1-13.5		E2-12		T4-N2-12		
Method and <u>Constituent</u> :	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>		Reporting <u>Limit</u>		
DHS Method:									
Total Petroleum Hydro- carbons as Diesel	ug/kg	4,400	1,000	340,000	1,000	36,000	1,000		
			N3-10		S1-10.4		S2-9.5		
Method and <pre>Constituent:</pre>	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>		Reporting <u>Limit</u>		
DHS Method:									
Total Petroleum Hydro- carbons as Diesel	ug/kg	110,000	1,000	150,000	1,000	190,000	1,000		
			od Blank						
Method and <u>Constituent</u> :	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>						
DHS Method:									
Total Petroleum Hydro- carbons as Diesel	ug/kg	ND	1,000						
OC Summany									

QC Summary:

% Recovery: 70, 79 % RPD: 13, 2.5

Concentrations reported as ND were not detected at or above the reporting limit.

Sample T3-N1-12 contains compounds eluting later than the Diesel standard.

LOG NUMBER:

4830

DATE SAMPLED:

10/05/94 and 10/06/94,

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

10/14/94

DATE ANALYZED:

10/15/94 and 10/18/94

DATE REPORTED:

11/01/94

PAGE:

Six

Sample Type:	<u> Soil</u>	į

			T3-	N1-12	T3-S1-10.5		T3-W1-10	
)	Method and <pre>Constituent:</pre>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>		Reporting Limit		Reporting <u>Limit</u>
	DHS Method:							
	Total Petroleum Hydro- carbons as Gasoline	ug/kg	3,500	500	ND	500	ND	500
				W1-13.5		E2-12		N2-12
	Method and <pre>Constituent:</pre>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
	DHS Method:							
	Total Petroleum Hydro- carbons as Gasoline	ug/kg	1,100	500	120,000	7,400	69,000	7,200
			<u> </u>	N3-10	T4-	S1-10.4		S2-9.5
ı	Method and Constituent:	<u>Units</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>		Reporting <u>Limit</u>
	DHS Method:							
	Total Petroleum Hydro- carbons as Gasoline	ug/kg	140,000	14,000	610,000	74,000	300,000	73,000
	Method and Constituent:	<u>Units</u>	Concen-	d Blank Reporting Limit				
	DHS Method:							
	Total Petroleum Hydro- carbons as Gasoline	ug/kg	ND	500				

QC Summary:

101, 94 2.6, 0.8 % Recovery: % RPD:

LOG NUMBER:

4830

DATE SAMPLED:

10/05/94 and 10/06/94

DATE RECEIVED: DATE EXTRACTED: 10/07/94 10/11/94

DATE ANALYZED:

Sample Type:

10/12/94 and 10/18/94

DATE REPORTED:

11/01/94

Soil

PAGE: Sixteen

	Odmore Typot Gott							
		T2-	W1-10	T3-	B1-13	T3-	E1-12	
Method and Constituent :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	
EPA Method 8240:								
Chloromethane	ug/kg	ND	60	ND	60	ND	60	
Bromomethane	ug/kg	ND	60	ND	60	ND	60	
Dichlorodifluoromethane	ug/kg	ND	60	ND	60	ND	60	
Vinyl Chloride	ug/kg	ND	120	ND	120	ND	120	
Chloroethane	ug/kg	ND	120	ND	120	ND	120	
Iodomethane	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Methylene Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Acetone	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Carbon Disulfide	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Trichlorofluoromethane	ug/kg	ND	120	ND	120	ND	120	
1,1-Dichloroethene	ug/kg	ND	60	ND	60	ND	60	
Allyl Chloride	ug/kg	ND	60	ND	60	ND	60	
1,1-Dichloroethane	ug/kg	ND	60	ND	60	ND	60	
Trans-1,2-Dichloroethene	ug/kg	ND	60	ND	60	ND	60	
Chloroform	ug/kg	ND	60	ND	60	ND	60	
2-Butanone (MEK)	ug/kg	ND	1,200	ND	1,200	ND	1,200	
1,2-Dichloroethane	ug/kg	ND	60	ND	60	ND	60	
Dibromomethane	ug/kg	ND	60	ND	60	ND	60	
1,1,1-Trichloroethane	ug/kg	ND	60	ND	60	ND	60	
Carbon Tetrachloride	ug/kg	ND	60	ND	60	ND	60	

LOG NUMBER:

4830

Soil

DATE SAMPLED:

10/05/94 and 10/06/94

DATE RECEIVED:

10/07/94

DATE EXTRACTED:

10/11/94

DATE ANALYZED: DATE REPORTED:

Sample Type:

10/12/94 and 10/18/94

11/01/94

PAGE: Seventeen

-	Sample Type.							
	T2-W1-10			T3-	B1-13	T3-E1-12		
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	
EPA Method 8240 (Continued)	:							
Vinyl Acetate	ug/kg	ND	600	ND	600	ND	600	
Bromodichloromethane	ug/kg	ND	60	ND	60	ND	60	
1,2-Dichloropropane	ug/kg	ND	60	ND	60	ND	60	
Cis-1 3-Dichloropropene	ug/kg	ND	60	ND	60	ND	60	
Bromoacetone	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Trichloroethene	ug/kg	П	60	ND	60	ND	60	
Benzene	ug/kg	ND	60	ND	60	ND	60	
Chlorodibromomethane	ug/kg	DM	60	ND	60	ND	60	
1,1,2-Trichloroethane	ug/kg	ND	60	ND	60	ND	60	
Trans-1 3-Dichloropropane	ug/kg	ND	60	ND	60	ND	60	
l 2-Dibromoethane (EDB)	ug/kg	ND	60	ND	60	ND	60	
2-Chloroethylvinyl Ether	ug/kg	ND	120	ND	120	ND	120	
Acrolein	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Bromoform	ug/kg	ND	60	ND	60	ND	60	
1,1,1,2-Tetrachloroethane	ug/kg	ND	60	ND	60	ND	60	
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	ND	600	ND	600	
2-Hexanone	ug/kg	ND	600	ND	600	ND	600	
1,2,3-Trichloropropane	ug/kg	ND	60	ND	60	ND	60	
1,1,2,2-Tetracholorethane	ug/kg	ND	60	ND	60	ND	60	
Tetrachloroethene	ug/kg	ND	60	ND	60	ND	60	
Toluene	ug/kg	ПD	60	ND	60	ND	60	
Chlorobenzene	ug/kg	ND	60	ND	60	ND	60	
Ethyl Benzene	ug/kg	520	60	97	60	ND	60	

LOG NUMBER:

4830

DATE SAMPLED:

10/05/94 and 10/06/94

DATE RECEIVED: DATE EXTRACTED:

10/07/94 10/11/94

DATE ANALYZED:

10/12/94 and 10/18/94 11/01/94

DATE REPORTED: PAGE:

Eighteen

Samnla	Type:	Soil
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		T2-W1-10		Т3-	T3-B1-13		T3-E1-12	
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	
EPA Method 8240 (Continued)	:							
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Benzyl Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Styrene	ug/kg	ND	60	ND	60	ND	60	
Xylenes	ug/kg	1,300	180	190	180	ND	180	
1,3-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60	
1,2-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60	
1,4-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60	
Surrogate % Recovery								
1,2-Dichloroethane-d4			91		199		96	
Toluene-d8			53		103	•	101	
4-Bromofluorobenzne			92		100		99	

LOG NUMBER: 4830
DATE SAMPLED: 10/05/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Nineteen

Sample Type: Soil

		T3-N1-12		T3-	S1-10.5	T3-W1-10	
Method and	llmåta	Concen-	Reporting Limit	Concen- tration	Reporting _ Limit_	Concen- tration	Reporting Limit
<u>Constituent</u> :	<u>Units</u>	<u>tration</u>	L][[]]{L	LITALION	L !!!!1L	<u>ri ar ion</u>	L 1111 1 E
EPA Method 8240:							
Chloromethane	ug/kg	ND	60	ND	60	ND	60
Bromomethane	ug/kg	ND	60	ND	60	ND	60
Dichlorodifluoromethane	ug/kg	ND	60	ND	60	ND	60
Vinyl Chloride	ug/kg	ND	120	ND	120	ND	120
Chloroethane	ug/kg	ND	120	ND	120	ND	120
Iodomethane	ug/kg	ND	1,200	ND	1,200	ND	1,200
Methylene Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200
Acetone	ug/kg	ND	1,200	ND	1,200	ND	1,200
Carbon Disulfide	ug/kg	ND	1,200	ND	1,200	ND	1,200
Trichlorofluoromethane	ug/kg	ND	120	ND	120	ND	120
1,1-Dichloroethene	ug/kg	ND	60	ND	60	ND	60
Allyl Chloride	ug/kg	ND	60	ND	60	ND	60
1,1-Dichloroethane	ug/kg	ND	60	ND	60	ND	60
Trans-1,2-Dichloroethene	ug/kg	ND	60	ND	60	ND	60
Chloroform	ug/kg	ND	60	ND	60	ND	60
2-Butanone (MEK)	ug/kg	ND	1,200	ND	1,200	ND	1,200
1,2-Dichloroethane	ug/kg	ND	60	ND	60	ND	60
Dibromomethane	ug/kg	ND	60	ND	60	ND	60
1,1,1-Trichloroethane	ug/kg	ND	60	ND	60	ND	60
Carbon Tetrachloride	ug/kg	ND	60	ND	60	ND	60

LOG NUMBER: 4830
DATE SAMPLED: 10/05/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Twenty

	·	Sample Type: Soil								
			T3-	N1-12	T3-	S1-10.5	T3-W1-10			
)	Method and Constituent	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>		
	EPA Method 8240 (Continued):	:								
	Vinyl Acetate	ug/kg	ND	600	ND	600	ND	600		
,	Bromodichloromethane	ug/kg	ND	60	ND	60	ND	60		
	1,2-Dichloropropane	ug/kg	ND	60	ND	60	ND	60		
	Cis-1 3-Dichloropropene	ug/kg	ND	60	ND	60	ND	60		
	Bromoacetone	ug/kg	ND	1,200	ND	1,200	ND	1,200		
,	Trichloroethene	ug/kg	ND	60	ND	60	ND	60		
	Benzene	ug/kg	ND	60	160	60	ND	60		
	Chlorodibromomethane	ug/kg	ND	60	ND	60	ND	60		
	1,1,2-Trichloroethane	ug/kg	ND	60	ND	60	ND	60		
,	Trans-1 3-Dichloropropane	ug/kg	ND	60	ND	60	ND	60		
	1 2-Dibromoethane (EDB)	ug/kg	ND	60	ND	60	ND	60		
	2-Chloroethylvinyl Ether	ug/kg	ND	120	ND	120	ND	120		
	Acrolein	ug/kg	ND	1,200	ND	1,200	ND	1,200		
,	Bromoform	ug/kg	ND	60	ND	60	ND	60		
	1,1,1,2-Tetrachloroethane	ug/kg	ND	60	ND	60	NĐ	60		
	4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	ND	600	ND	600		
ı	2-Hexanone	ug/kg	ND	600	ND	600	ND	600		
,	1,2,3-Trichloropropane	ug/kg	ND	60	ND	60	ND	60		
	1,1,2,2-Tetracholorethane	ug/kg	ND	60	ND	60	ND	60		
	Tetrachloroethene	ug/kg	ND	60	ND	60	ND	60		
i	Toluene	ug/kg	ND	60	ND	60	ND	60		
	Chlorobenzene	ug/kg	ND	60	ND	60	ND	60		
	Ethyl Benzene	ug/kg	220	60	240	60	ND	60		

LOG NUMBER: 4830
DATE SAMPLED: 10/05/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Twenty-one

_	Sample Type: Soil									
		Т3-	N1-12	T3-	S1-10.5 _	T3-	W1-10			
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>			
EPA Method 8240 (Continued)	:									
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200	ND	1,200	ND	1,200			
Benzyl Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200			
Styrene	ug/kg	ND	60	ND	60	ND	60			
Xylenes	ug/kg	400	180	1,000	180	ND	180			
1,3-Dichlorobenzene	ug/kg	ND	60	ND	60	МD	60			
1,2-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60			
1,4-Dichlorobenzene	ug/kg	ND	60	ND	60	ИD	60			
Surrogate % Recovery										
1,2-Dichloroethane-d4			203		208		166			
Toluene-d8			99		100		102			
4-Bromofluorobenzne			104		104		103			

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/12/94
DATE REPORTED: 11/01/94
PAGE: Thirteen

Sample Type: Soil

		T2-	E1-12	T2-	T2-N1-10		T2-S1-10	
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	
EPA Method 8240:								
Chloromethane	ug/kg	ND	60	ND	60	ND	60	
Bromomethane	ug/kg	ND	60	ND	60	ND	60	
Dichlorodifluoromethane	ug/kg	ND	60	ND	60	ND	60	
Vinyl Chloride	ug/kg	ND	120	ND	120	ND	120	
Chloroethane	ug/kg	ND	120	ND	120	ND	120	
Iodomethane	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Methylene Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Acetone	ug/kg	GN	1,200	ND	1,200	ND	1,200	
Carbon Disulfide	ug/kg	ND	1,200	ND	1,200	ND	1,200	
Trichlorofluoromethane	ug/kg	ND	120	ND	120	ND	120	
1,1-Dichloroethene	ug/kg	ND	60	ND	60	ND	60	
Allyl Chloride	ug/kg	ND	60	ND	60	ND	60	
1,1-Dichloroethane	ug/kg	ND	60	ND	60	ND	60	
Trans-1,2-Dichloroethene	ug/kg	ND	60	ND	60	ND	60	
Chloroform	ug/kg	ND	60	ND	60	ND	60	
2-Butanone (MEK)	ug/kg	ND	1,200	ND	1,200	ND	1,200	
1,2-Dichloroethane	ug/kg	ИD	60	ND	60	ND	60	
Dibromomethane	ug/kg	ND	60	ND	60	ND	60	
1,1,1-Trichloroethane	ug/kg	ND	60	ND	60	ND	60	
Carbon Tetrachloride	ug/kg	ND	60	ND	60	ND	60	

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94

DATE ANALYZED: 10/11/94
DATE REPORTED: 10/12/94
DATE REPORTED: 11/01/94

630

60

660

60

PAGE:

Fourteen

_	Sample Type: Soil								
		T2-E1-12		T2-	N1-10		S1-10		
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reportin <u>Limit</u>		
EPA Method 8240 (Continued)	:								
Vinyl Acetate	ug/kg	ND	600	ND	600	ND	600		
Bromodichloromethane	ug/kg	ND	60	ND	60	ND	60		
1,2-Dichloropropane	ug/kg	ND	60	ND	60	ND	60		
Cis-1 3-Dichloropropene	ug/kg	ND	60	ND	60	ND	60		
Bromoacetone	ug/kg	ND	1,200	ND	1,200	ND	1,200		
Trichloroethene	ug/kg	ND	60	ND	60	ND	60		
Benzene	ug/kg	180	60	ND	60	ND	60		
Chlorodibromomethane	ug/kg	ND	60	ND	60	ND	60		
1,1,2-Trichloroethane	ug/kg	ND	60	ND	60	ND	60		
Trans-1 3-Dichloropropane	ug/kg	ND	60	ND	60	ND	60		
1 2-Dibromoethane (EDB)	ug/kg	ND	60	ND	60	ND	60		
2-Chloroethylvinyl Ether	ug/kg	ND	120	ND	120	ND	120		
Acrolein	ug/kg	ND	1,200	ND	1,200	ND	1,200		
Bromoform	ug/kg	ND	60	ND	60	ND	60		
1,1,1,2-Tetrachloroethane	ug/kg	ND	60	ND	60	ND	60		
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	600	ND	600	ND	600		
2-Hexanone	ug/kg	ND	600	ND	600	ND	600		
1,2,3-Trichloropropane	ug/kg	ND	60	ND	60	ND	60		
1,1,2,2-Tetracholorethane	ug/kg	ND	60	ND	60	ND	60		
Tetrachloroethene	ug/kg	ND	60	ND	60	ND	60		
Toluene	ug/kg	340	60	650	60	64	60		
Chlorobenzene	ug/kg	ND	60	ND	60	ND	60		

Concentrations reported as ND were not detected at or above the reporting limit.

540

60

ug/kg

Ethyl Benzene

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/12/94
DATE REPORTED: 11/01/94
PAGE: Fifteen

-	Sample Type: Soil									
		T2-E	T2-E1-12		T2-N1-10		S1-10			
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>			
EPA Method 8240 (Continued)	:									
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,200	ND	1,200	ND	1,200			
Benzyl Chloride	ug/kg	ND	1,200	ND	1,200	ND	1,200			
Styrene	ug/kg	ND	60	ND	60	ND	60			
Xylenes	ug/kg	1,300	180	2,000	180	1,300	180			
1,3-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60			
1,2-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60			
1,4-Dichlorobenzene	ug/kg	ND	60	ND	60	ND	60			
Surrogate % Recovery										
1,2-Dichloroethane-d4			96		92		97			
Toluene-d8			81		59		65			
4-Bromofluorobenzne			98]	110		102			

LOG NUMBER: 4830 10/06/94 DATE SAMPLED: 10/07/94 DATE RECEIVED: DATE EXTRACTED: 10/11/94 DATE ANALYZED: 10/18/94 DATE REPORTED: 11/01/94 PAGE: Twenty-two

Sample Type: So il

			<u>T4-BW1-13.</u>					T4-N2-12	
•	Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	
	EPA Method 8240:								
	Chloromethane	ug/kg	МD	90	ND	900	ND	900	
•	Bromomethane	ug/kg	ND	90	ND	900	ND	900	
	Dichlorodifluoromethane	ug/kg	ND	90	ND	900	ND	900	
	Vinyl Chloride	ug/kg	ND	180	ND	1,800	ND	1,800	
	Chloroethane	ug/kg	ND	180	ND	1,800	ND	1,800	
)	Iodomethane	ug/kg	П	1,800	ND	18,000	ND	18,000	
	Methylene Chloride	ug/kg	ND	1,800	ND	18,000	ND	18,000	
	Acetone	ug/kg	ND	1,800	ND	18,000	ND	18,000	
	Carbon Disulfide	ug/kg	ND	1,800	ND	18,000	ND	18,000	
•	Trichlorofluoromethane	ug/kg	ND	180	ND	1,800	ND	1,800	
	1,1-Dichloroethene	ug/kg	ND	90	ND	900	ND	900	
	Allyl Chloride	ug/kg	ND	90	ND	900	ND	900	
	1,1-Dichloroethane	ug/kg	ND	90	ND	900	ND	900	
•	Trans-1,2-Dichloroethene	ug/kg	ND	90	ND	900	ND	900	
	Chloroform	ug/kg	ND	90	ND	900	ND	900	
	2-Butanone (MEK)	ug/kg	ND	1,800	ND	18,000	ND	18,000	
	1,2-Dichloroethane	ug/kg	ND	90	ND	900	ND	900	
)	Dibromomethane	ug/kg	ND	90	ND	900	ND	900	
	1,1,1-Trichloroethane	ug/kg	ND	90	ND	900	ND	900	
	Carbon Tetrachloride	ug/kg	ND	90	ND	900	ND	900	

Concentrations reported as ND were not detected at or above the reporting limit.

4830 LOG NUMBER: 10/06/94 DATE SAMPLED: 10/07/94 DATE RECEIVED: 10/11/94 DATE EXTRACTED: 10/18/94 11/01/94 DATE ANALYZED: DATE REPORTED:

PAGE:

Twenty-three

			Sample Ty	pe: S	oil		
		T4-B	W1-13.5	T4-	E2-12	T4-	N2-12
Method and Constituent	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>
EPA Method 8240 (Continued)	:						
Vinyl Acetate	ug/kg	ND	900	ND	9,000	ND	9,000
Bromodichloromethane	ug/kg	ND	90	ND	900	ND	900
1,2-Dichloropropane	ug/kg	ND	90	ND	900	ND	900
Cis-1 3-Dichloropropene	ug/kg	ND	90	ND	900	ND	900
Bromoacetone	ug/kg	ND	1,800	ND	18,000	ND	18,000
Trichloroethene	ug/kg	ND	90	ND	900	ND	900
Benzene	ug/kg	490	90	1,100	900	5,200	900
Chlorodibromomethane	ug/kg	ND	90	ND	900	ND	900
1,1,2-Trichloroethane	ug/kg	ND	90	ND	900	ND	900
Trans-1 3-Dichloropropane	ug/kg	ND	90	ND	900	ND	900
1 2-Dibromoethane (EDB)	ug/kg	ND	90	ND	900	ND	900
2-Chloroethylvinyl Ether	ug/kg	ND	180	ND	1,800	ND	1,800
Acrolein	ug/kg	ND	1,800	ND	18,000	ND	18,000
Bromoform	ug/kg	ND	90	ND	900	ND	900
1,1,1,2-Tetrachloroethane	ug/kg	ND	90	ND	900	ND	900
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	900	ND	9,000	ND	9,000
2-Hexanone	ug/kg	ND	900	ND	9,000	ND	9,000
1,2,3-Trichloropropane	ug/kg	ND	90	ND	900	ND	900
1,1,2,2-Tetracholorethane	ug/kg	ND	90	ND	900	ND	900
Tetrachloroethene	ug/kg	ND	90	ND	900	П	900
Toluene	ug/kg	210	90	5,800	900	9,100	900
Chlorobenzene	ug/kg	ND	90	ND	900	ND	900
Ethyl Benzene	ug/kg	300	90	5,200	900	9,200	900
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98

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Twenty-Four

96

<u></u>	Sample Type: Soil							
		T4-B	SW1-13.5	T4-	E2-12	T4-	N2-12	
Method and	Hadda	Concen-	Reporting		Reporting Limit	Concen- tration	Reportin Limit	
<u>Constituent</u> z	<u>Units</u>	<u>tration</u>	<u>Limit</u>	<u>tration</u>	<u> </u>	<u>trat juii</u>	LIMITU	
EPA Method 8240 (Continued)	:							
1,2-Dibromo 3-Chloropropane	ug/kg	ND	1,800	ND	18,000	ND	18,000	
Benzyl Chloride	ug/kg	ND	1,800	ND	18,000	ND	18,000	
Styrene	ug/kg	ND	90	ND	900	ND	900	
Xylenes	ug/kg	2,100	270	28,000	2,700	31,000	2,700	
1,3-Dichlorobenzene	ug/kg	ND	90	ND	900	ND	900	
1,2-Dichlorobenzene	ug/kg	ND	90	ND	900	ND	900	
1,4-Dichlorobenzene	ug/kg	ND	90	ND	900	ND	900	
Surrogate % Recovery								
1,2-Dichloroethane-d4]	194		221		202	
Toluene-d8			99		100 .		100	

Concentrations reported as ND were not detected at or above the reporting limit.

4-Bromofluorobenzne

105

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Twenty-Five

Sample Type: Soil

			T4	-N3-1 <u>0</u>	<u> </u>	1-10.4	<u> </u>	2-9.5
ı	Method and Constituent:	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>
	EPA Method 8240:							
	Chloromethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Bromomethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Dichlorodifluoromethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Vinyl Chloride	ug/kg	ND	3,600	ND	3,600	ND	3,600
	Chloroethane	ug/kg	ND	3,600	ND	3,600	ND	3,600
)	Iodomethane	ug/kg	ND	36,000	ND	36,000	ND	36,000
	Methylene Chloride	ug/kg	ND	36,000	ND	36,000	ND	36,000
	Acetone	ug/kg	ND	36,000	ND	36,000	ND	36,000
	Carbon Disulfide	ug/kg	ND	36,000	ND	36,000	ND	36,000
)	Trichlorofluoromethane	ug/kg	ND	3,600	ND	3,600	ND	3,600
	1,1-Dichloroethene	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Allyl Chloride	ug/kg	ND	1,800	ND	1,800	ND	1,800
	1,1-Dichloroethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
)	Trans-1,2-Dichloroethene	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Chloroform	ug/kg	ND	1,800	ND	1,800	ND	1,800
	2-Butanone (MEK)	ug/kg	ND	36,000	ND	36,000	ND	36,000
	1,2-Dichloroethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
)	Dibromomethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
	1,1,1-Trichloroethane	ug/kg	ND	1,800	ND	1,800	ND	1,800
	Carbon Tetrachloride	ug/kg	ND	1,800	ND	1,800	ND	1,800

Concentrations reported as ND were not detected at or above the reporting limit.

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94
PAGE: Twenty-six

	Sample Type: Soil							
		T4-I	N3-10	T4-	S1-10.4	T4-S	S2-9.5	
Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting Limit	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>	
EPA Method 8240 (Continued)	:							
Vinyl Acetate	ug/kg	ND	18,000	ND	18,000	ND	18,000	
Bromodichloromethane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
1,2-Dichloropropane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Cis-1 3-Dichloropropene	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Bromoacetone	ug/kg	ND	36,000	ND	36,000	ND	36,000	
Trichloroethene	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Benzene	ug/kg	ND	1,800	2,500	1,800	ND	1,800	
Chlorodibromomethane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
1,1,2-Trichloroethane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Trans-1 3-Dichloropropane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
1 2-Dibromoethane (EDB)	ug/kg	ND	1,800	ND	1,800	ND	1,800	
2-Chloroethylvinyl Ether	ug/kg	ND	3,600	ND	3,600	ND	3,600	
Acrolein	ug/kg	ND	36,000	ND	36,000	ND	36,000	
Bromoform	ug/kg	ND	1,800	ND	1,800	ND	1,800	
1,1,1,2-Tetrachloroethane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
4-Methyl-2-Pentanone (MIBK)	ug/kg	ND	18,000	ND	18,000	ND	18,000	
2-Hexanone	ug/kg	ND	18,000	ND	18,000	ND	18,000	
1,2,3-Trichloropropane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
1,1,2,2-Tetracholorethane	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Tetrachloroethene	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Toluene	ug/kg	19,000	1,800	9,400	1,800	19,000	1,800	
Chlorobenzene	ug/kg	ND	1,800	ND	1,800	ND	1,800	
Ethyl Benzene	ug/kg	11,000	1,800	5,600	1,800	12,000	1,800	

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94

DATE EXTRACTED: 10/11/94
DATE ANALYZED: 10/18/94
DATE REPORTED: 11/01/94

PAGE: Twenty-Seven

92

92

		Sample Type: Soil								
			T4-	N3-10	T4-	S1-10.4	T4 -	S2-9.5		
	Method and <u>Constituent</u>	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>	Concen- tration	Reporting <u>Limit</u>		
	EPA Method 8240 (Continued)	:								
	1,2-Dibromo 3-Chloropropane	ug/kg	ND	36,000	ND	36,000	ND	36,000		
	Benzyl Chloride	ug/kg	ND	36,000	ND	36,000	ND	36,000		
	Styrene	ug/kg	ND	1,800	ND	1,800	ND	1,800		
	Xylenes	ug/kg	58,000	5,400	38,000	5,400	57,000	5,400		
	1,3-Dichlorobenzene	ug/kg	ND	1,800	ND	1,800	ND	1,800		
	1,2-Dichlorobenzene	ug/kg	ND	1,800	ND	1,800	ND	1,800		
	1,4-Dichlorobenzene	ug/kg	ND	1,800	ND	1,800	ND	1,800		
•	Surrogate % Recovery									
	1,2-Dichloroethane-d4			100		167		105		
	Toluene-d8			103		102		103		

Concentrations reported as ND were not detected at or above the reporting limit.

4-Bromofluorobenzne

96

LOG NUMBER: DATE SAMPLED: 4830

DATE RECEIVED:

10/06/94 10/07/94 10/18/94

DATE EXTRACTED: DATE ANALYZED: DATE REPORTED:

10/26/94

11/01/94 Thirty-four

PAGE:

				Sample	Type:	Soil
	Method and		T4-I	3W1-13.5 Reporting	Metho Concen-	od Blank Reporting
	Constituent:	<u>Units</u>	<u>tration</u>	Limit	<u>tration</u>	Limit
	EPA Method 8270:					
	Pyridine	ug/kg	ND	3,600	ND	3,600
	N-Nitrosodimethylamine	ug/kg	ND	660	ND	660
	Phenol	ug/kg	ND	660	ND	660
	Bis (2-Chloroethyl) Ether	ug/kg	ND	660	ND	660
	2-Chlorophenol	ug/kg	ND	660	ND	660
	1,3-Dichlorobenzene	ug/kg	ND	660	ND	660
	1,4-Dichlorobenzene	ug/kg	ND	660	ND	660
	1,2-Dichlorobenzene	ug/kg	ND	660	ND	660
ı	Bis (2-Chloroisopropyl) Ether	ug/kg	ND	660	ND	660
	N-Nitroso-Di-N- Propylamine	ug/kg	ND	660	ND	660
	2-Methylphenol (O-Cresol)	ug/kg	ND	660	ND	660
	Hexachloroethane	ug/kg	ND	660	ND	660
	Nitrobenzene	ug/kg	ND	660	ND	660
	Isophorone	ug/kg	ND	660	ND	660
	2-Nitrophenol	ug/kg	ND	660	ND	660
	2,4-Dimethylphenol	ug/kg	ND	660	ND	660
	Bis(2-Chloroethoxy) Methane	ug/kg	ND	660	ND	660
	2,4-Dichlorophenol	ug/kg	ND	660	ND	660
	1,2,4-Trichlorobenzene	ug/kg	ND	660	ND	660
	Naphthalene	ug/kg	ND	660	ND	660

LOG NUMBER: 4830

DATE SAMPLED: 10/06/94

DATE RECEIVED: 10/07/94

DATE EXTRACTED: 10/18/94

DATE ANALYZED: 10/26/94 DATE REPORTED: 11/01/94

PAGE:

Thirty-five

		<u></u>		Samp	le Type:	Soil	
•	Method and Constituent		T4-1 oncen- ration		ng Concen-		
	EPA Method 8270 (Continu	ed):					
	Hexachlorobutadiene	ug/kg	ND	660	ND	660	
)	3-Methylphenol and 4- Methylphenol (m-Cresol and p-Cresol)	ug/kg	ND	1,300	ND	1,300	
	4-Chloro-3-Methyl-phenol	ug/kg	ND	1,300	ND	1,300	
	Hexachlorocyclo- pentadiene	ug/kg	ND	660	D	660	
)	2,4,6-Trichlorophenol	ug/kg	ND	660	ND	660	
	2-Chloronaphthalene	ug/kg	ND	660	ND	660	
	Dimethylphthalate	ug/kg	ND	660	ND	660	
	Acenaphthylene	ug/kg	ND	660	ND	660	
•	Acenaphthene	ug/kg	ND	660	ND	660	
	2,4-Dinitrophenol	ug/kg	ND	3,600	ND	3,600	
	4-Nitrophenol	ug/kg	ND	3,600	ND	3,600	
	2,4-Dinitrotoluene	ug/kg	ND	660	ND	660	
	2,6-Dinitrotoluene	ug/kg	ND	660	ND	660	
	Diethylphthalate	ug/kg	ND	660	ND	660	
	4-Chlorophenyl-phenyl- ether	ug/kg	ND	660	ND	660	
)	Fluorene	ug/kg	ND	660	ND	660	
	N-Nitrosodiphenylamine	ug/kg	ND	660	ND	660	
	4-Bromophenyl-phenyl- ether	ug/kg	ND	660	ND	660	
	Hexachlorobenzene	ug/kg	ND	660	ND	660	
,	Pentachlorophenol	ug/kg	ND	3,600	ND	3,600	
	Phenanthrene	ug/kg	ND	660	ND	660	
	Anthracene	ug/kg	ND	660	ND	660	
)	Concentrations reported	as ND were	not o	detected a	it or above	the reportin	ng limit.

LOG NUMBER: 4830
DATE SAMPLED: 10/06/94
DATE RECEIVED: 10/07/94
DATE EXTRACTED: 10/18/94
DATE ANALYZED: 10/26/94
DATE REPORTED: 11/01/94
PAGE: Thirty-six

Sample Type: Soil

			W1-13.5		d Blank
Method and <u>Constituent</u> :	<u>Units</u>	Concen- tration	Reporting <u>Limit</u>	Concen- <u>tration</u>	Reporting <u>Limit</u>
EPA Method 8270 (Continued	1):				
Di-N-Butylphthalate	ug/kg	ND	660	ND	660
4,6-Dinitro-2-Methylpheno	ug/kg	ND	660	ND	660
Fluoranthene	ug/kg	ND	660	ND	660
Benzidine	ug/kg	ND	660	ND	660
Pyrene	ug/kg	ND	660	ND	660
Butylbenzylphthalate	ug/kg	ND	660	ND	660
3,3'-Dichlorobenzidine	ug/kg	ND	1,300	ND	1,300
Benzo(a)Anthracene	ug/kg	ND	660	ND	660
Bis(2-Ethylhexyl) Phthalate	ug/kg	ND	660	ND	660
Chrysene	ug/kg	ND	660	ND	660
Di-N-Octylphthalate	ug/kg	ND	660	ND	660
Benzo(b)Fluoranthene	ug/kg	ND	660	ND	660
Benzo(k)Fluoranthene	ug/kg	ND	660	ND	660
Benzo(a)Pyrene	ug/kg	ND	660	ND	660
Indeno(1,2,3-cd)Pyrene	ug/kg	ND	660	ND	660
Dibenzo(a,h)Anthracene	ug/kg	ND	660	ND	660
Benzo(g,h,i)Perylene	ug/kg	ND	660	ND	660
Surrogate % Recovery:					
2-Fluorophenol Phenol d6 Nitrobenzene d5 2-Fluorobiphenyl 2,4,6-Tribromophenol p-Terphenyl d14		13 9 13	37 90 96	11 10 13 10 14	1 1 1 1

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis

Quality Assurance/Quality Control Manager

ITEM #9-COPIES OF MANIFESTS FOR ALL WATER, OIL, TANKS & APPURTENANCES

SOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984 No.

320

NAME CLEARPRINT PAPER COMPANY EP	A [
ADDRESS 1482 67TH STREET	
CITY, STATE, ZIP	PHONE NO. 1510 (652 4760 Z
CONTAINERS: No	US WEIGHT
WASTE DESCRIPTION MINERAL OL GENERATING PROCESS COMPONENTS OF WASTE PPM COMPONENTS	OF WASTE PPM
; I	NZELIE 0.320 cluss
2 MINIERIU DIL 630 ORLESS & XYLENE	·
	<u>1.50</u> <u>auss</u>
m 1 1200EEE C.S.D. CLESS	
PROPERTIES. PH SOLIO LIQUID SLUDGE SLURRY OTHER	
HANDLING INSTUCTIONS.	
THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE	11A12 10-10-94
NAME CONSOLIDATED WASTE INDUSTRIES, INC.	
ADDRESS 1855 ADAMS AVE.	ERVICE ORDER NO.
SAN I FANDRO CA 0/577	CK UP DATE
Rigo 6 in circ	, v
FP	igo Hore: 10/10/28
HAME GIBSCH CIL & REFLING	DATE
ADDRESS PERMES BERRY RD.	CAD 98-88-3177 CAD 98-88-3177 CAD 980002774-b
ELID OF CONTESTION DR.	DATE DATE
ELID OF COMMERICAL PR. CITY, STATE, ZIP BAKERS FIELD CA 03202	DATE CAD 92-823177 CAD 90002774-5 DISPOSAL METHOD
ELID OF COMMERICAL DR. CITY, STATE, ZIP COPPEROPOLISS - CAM-93228 BLYERS FIELD, CAD 93308 PHONE NO (800) -852-40315	DATE CAD 92-823177 CAD 90002774-5 DISPOSAL METHOD
ELID OF COMMERICAL PR. CITY, STATE ZIP BOPPEROPOLIS, GAN 99228 BUKERS FIELD, CA 93308 PHONE NO (800) -853-4031 PHONE NO (800) -853-4031 TYPED OR PRINTED FULL NAME & SIGNATURE	DATE CAD 92-823177 CAD 90002774-5 DISPOSAL METHOD
ELID OF COMMERICAL DR. CITY, STATE, ZIP BORTEROPOLISS, CAN 93228 BLYERS FIELD, CAD 93308 PHONE NO (800) -853-4031 BOS: 327-0413 JAMES AND SEWS FORM	DATE CAD 92-823177 CAD 90002774-5 DISPOSAL METHOD

ONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

No.

345

	NAME C/CARPRI	it Pa	DER C	2mpauv				
1	ADDRESS 148Z				EPA I.O. NO. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
:			1		PHONE NO. (5/0) 452-4762			
Œ								
ENERATOR	CONTAINE	75: Na	4		20 yd BINS WEIGHT			
LER,	TYPE: 🗹 BIN	DUME TRUC	, K 🗆 pau	MS CARTONS	П отнея			
GEN					NERATING PROCESS UST REMOVAL / CKANP			
BY	COMPONENTS OF W	ASTE	РРМ	•	COMPONENTS OF WASTE / PPM 🔏			
TED				99+				
PLE	2 Mincent oi	<u> </u>	630	orles	· Yylenes 1.50 of less			
COMPLETED	3 BENZENE	£	0.590	or less	7			
BEC	· ToluENC		0.32	orles				
6		SOLID			SLURRY OTHER			
	,							
	HANDLING INSTUCTIONS			-2 . 1				
	THE GENERATOR C THE WASTE AS DESC NON-HAZARDOUS.			ich Miliid	/ EARL L. WAY 10 10 -94			
			ТУР	ED OR PRINTED FULL NA	ME & SIGNATURE DATE			
<u> </u>	NAME CONSOLIDAT	ED WASTE	INDUSTR	IES, INC.	EPA 1.D. C A D P 8 13 16 16 18 15 18 13			
RANSPORTER	ADDRESS 1855 ADAMS	AVE.			SERVICE ORDER NO			
SPC	CITY, STATE, ZIP SAN LI	EANDRO,	CA. 9457	7	PICK UP DATE			
RAN	PHONE NO (510, 638-							
-				ED OR PRINTED FULL NA	Less Vin en 10/10/94			
	G. S. J. C.	1/ % R	e Fin IA	ED ON SHINIED FOLE NA	EPA KAR980883122:			
Ł	NAME ENC OF	Cenu	ecia-	DR.	NO CAL -000027741			
CIL	ADDRESS BAKE C. L. CA. 93308 LANDFILL OTHER RELICLE							
R F/	CITY, STATE, ZIP GOPPE	ROPOLIS,	GA. 952	28:				
H	PHONE NO (800) 852	2-4031			11/1/94			
LANDFILL OR FACILITY	(802)3	ct - 24	-13 <u>TYP</u>	ED OR PRINTED FULL NA	AME & SIGNATURE DATE			
-					•			
1 5	GEN	OLD/NEW	L A S B	TONS	7			

No.

ONSOLIDATED WASTE INDUSTRIES, INC 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

346 -

TO BE COMPLETED BY GENERATOR	CONTAINE TYPE: BIN	RS: No DUM TRUCK NASTE ERTIFIES TO	DEX DRUM PPM PPM 0.570 0.320 LIQUIO	yolume_ volume_ s CARTONS GE 99+ ocless ocless ocless	SLURRY OTHER				
TRANSPORTER	CONSOLIDATE ADDRESS 1855 ADAMS CITY STATE. ZIP SAN LI PHONE NO (510, 638-	AVE.	CA. 94577	igo Gara	PICK UP DATE PICK UP DATE PICK UP DATE PICK UP DATE				
	<u> </u>		TYPE	OR PRINTED FULL NA	IAME & SIGNATURE CONTROL DATE				
ANDFILL OR FACILITY	THUCK UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE CALLEDRATA ASBESTOS MONOFILL NO. CALLEDRATA ASBESTOS MONOFILL ADDRESS CITY, STATE, ZIP PHONE NO. (800) 852-4031 TYPED OR PRINTED FULL NAME & SIGNATURE TYPED OR PRINTED FULL NAME & SIGNATURE TYPED OR PRINTED FULL NAME & SIGNATURE DATE DATE DATE DATE DATE DATE								
]	GEN	OLD/NEW	L A	TONS					
	TRANS]	S B						
<u> </u>	C/O	L	RT/CD	HWDF NONE	DISCREPANCY				

JNSOLIDATED WASTL INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

Î	NAME_CLEARPRIN	IT PAPER	CEMPONY	,			
	ADDRESS 1482.L	JTH 200	eet	EP/	1111	1 4 4 .	
14	· -						
	CITY STATE ZIP EMERY	VILLE, CA	<u>·· 94608</u>		PHONE NO. <u>(5)</u>	9652	476Z
H O	CONTAINEDS	67	VOLUME	2000 BIN	LS WEIGHT		
GENERATOR	CONTAINERS. Na		VOLUME		WEIGHT		
ER	TYPE: BIN D	OUMP Denn	e Caprove [7 07459			
m N	WASTE DESCRIPTION MINE		is the carrons t		1	/UEC	الـــــ
ВУС	WASTE DESCRIPTION MINE COMPONENTS OF WASTE	PPM	GEI	NERATING PROCESS COMPONENTS	OF WASTE	PPM	- UP
J			_				~
F	1_5=1			ETHYLBEA			
COMPLETED	2 MILLERAL OL	<u> (30</u>	CRUESS	· XYLENES	>	1.50	حدنظي
X	, BELLEVIE	C 590		7			
				7			
8	· TOLUENE	0,520	tr lêss	8			
10	PROPERTIES: pH USO	LID LIQUID	SLUDGE	SLUARY OTHE	·		
	HANDLING INSTUCTIONS	 	——//				
	THE GENERATOR CERTIFIE			I MAI	, , , , ,		1
	THE WASTE AS DESCRIBED NON-HAZARDOUS.	IS 100%	111 X 11	· 11.21 100/	EARL H	TALL 1	1010 47
		TYPE	DOR PRINTED FULL NAI	ME & SIGNATURE		0	ATE
æ	CONSOLIDATED WA	STE INDUSTRI	ES, INC.	€P. 1 0	C A D 9 8	13 6 6 8	9 12 R
TEI	1			NO	<u> </u>	<u></u>	
ORO	ADDRESS 1855 ADAMS AVE.			s	ERVICE ORDER NO		
<u> </u>				,			
S	CITY STATE, ZIP SAN LEANDR	O, CA. 94577			ICK UP DATE		
ANSPORTER				P	_		
TRANS	PHONE NO		-	·	CX UP DATE	03 10.	10/94
TRANS	PHONE NO	<u>E</u>	190 SalC		_	e for 10,	
TRANS	PHONE NO 1510, 638-1684 TRUCK UNIT. 10. NO. 187 GIBSOLO CIL	PEFILILIA - & REFILIA	190 Gala		tgs Lan	9 for 101	10/94
TR	PHONE NO 1510, 638-1684 TRUCK UNIT. 10. NO. 18 Z GIBSOLO CIL	FREFILILLI STOS-MONOTZET	190 Gala	ME & SIGNATURE	Tes San	9 for 101	10/94
TR	PHONE NO 1510, 638-1684 TRUCK UNIT. LD. NO. 187 GIBSOLI CIL CALFERNIA-ASBE END CF COMMI	FRICAL DR.	190 Sal CO D OR PRINTED FULL NAI Ly	ME & SIGNATURE EP	Tgg Jan Cab 9808 DISPOSA	e) 2 10,	10/94
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390

ONSOLIDATED WAST INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

	NAME CLEARPRINT
	ADDRESS 1482 67th ST. EPA 1.0. NO
	CITY, STATE, ZIPEMERYVILLE, CA. 94608
GENERATOR	CONTAINERS: No
ENER	TYPE: SIN DOWN DRUMS CARTONS OTHER
BY G	WASTE DESCRIPTION MINERAL DI GENERATING PROCESS USTROMO VOI CLEAN COMPONENTS OF WASTE POM COMPONENTS OF WASTE POM COMPONENTS OF WASTE
	. Soil 994 . Ethylbenzene 0.320 or less
- 	. Soil 994 . Ethylbenzene 0.320 orless . Mineral O. 1 630 orless . Xylenes 1.5 orless
COMPLETED	Benzene lessthan 590 PPM 1
BEC	· Tolnene 0.320 ogless
101	PROPERTIES: pH A SOLID
	HANDLING INSTUCTIONS
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. X (4) (1) (1) (1) (2) (2) (3) (4) (1) (1) (1) (2) (3) (4) (1) (1) (4) (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
TER	NAME CONSOLIDATED WASTE INDUSTRIES, INC.
POR	ADDRESS 1855 ADAMS AVE.
TRANSPORTER	CITY, STATE, ZIP SAN LEANDRO, CA. 94577
TR/	PHONE NO 1510 638-1684 TRUCK UNIT ID NO. TRUCK UNIT ID NO. TYPED OR PRINTED FULL NAME A SIGNATURE TYPED OR PRINTED FULL NAME A SIGNATURE
-	TRUCK, UNIT, I.D. NO TYPED OR PRINTED FULL NAME & SIGNATURE DATE
<u></u>	GIBSON OIL & REFINING CAD980883177 CAD980883177
CILI	ADDRESS END OF COMMERCIAL DRIVE END OF COMMERCIAL DRIVE
OR FACILITY	CITY, STATE, ZIP BAKERSFIELD, CA. 93308
	PHONE NO (805) 327-0413
LANDFILL	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
1 5	GEN OLD/NEW L A TONS TRANS S B
	C/Q RT/CD HWDF NONE DISCREPANCY

391

ONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

	NAME CLEARPRINT	
	ADDRESS 1482 67th ST.	EPA I.D. NO.
		PHONE NO. (510) 652-4762
HC HC		
ENERATOR	CONTAINERS: No. 02 VOLUME 20	YC. CIB WEIGHT
ENE	TYPE: BIN TRUCK DAUMS CARTONS OTHER_	. مرتب ارتم ا
BY GI	WASTE DESCRIPTION MINICIAL O, GENERATING PROCOMPONENTS OF WASTE PPM COM	DOCESS UST Removal us
LET	· Mineral Oil 630 orless . Xy	lenes 1.50 oxloss
COMPLETED	1 14 2 2 2 2 2 1	
BE C	12/2016	
10 E	PROPERTIES: pH ASOLIO	
	HANDLING INSTUCTIONS.	
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.	EARL MAU 9-26-94
	TYPED OR PRINTED FULL NAME & SIGNATU	PRE DATE
	•	
H H	CONSOLIDATED WASTE INDUSTRIES, INC.	EPA
ORTER	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	EPA C A P 19 8 3 6 6 18 5 8 β
NSPORTER	ADORESS 1855 ADAMS AVE.	EPA C A P 19 8 3 6 6 18 5 8 β
TRANSPORTER	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684	EPA 1.0. C A D 1918 3 6 6 1815 8 β SERVICE ORDER NO PICK UP DATE (1/26/74)
TRANSPORTER	ADDRESS SAN LEANDRO, CA. 94577	EPA 1.0. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO PICK UP DATE 4/26/74
	ADDRESS SAN LEANDRO, CA. 94577 CITY STATE ZIP SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 R 25 172 TRUCK UNIT LD NO TYPED DR PRINTED FULL NAME & SIGNATURE OF THE PRINTED FULL NAME & SIGNATU	EPA 1.0. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO PICK UP DATE 4/26/74
	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 CARCIO TYPED DE PRINTED FULL NAME & SIGNATU GIBSON OIL & REFINING END OF COMMERCIAL DRIVE	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/96/74 DATE EPA 1.D. CAD980883177 DISPOSAL METHOD ON 1.D. CAD980883177
	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 PHONE NO (510) 638-1684 TYPED OF PRINTED FULL NAME & SIGNATURE OF SIGNATURE	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/26/74 DATE EPA 1.D. CAD980883177
	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 PHONE NO (510	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/96/74 DATE EPA 1.D. CAD980883177 DISPOSAL METHOD ON 1.D. CAD980883177
	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 PHONE NO (510	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/26/74 DATE EPA 1.D. CAD980883177 DISPOSAL METHOD LANDFILL DOTHER 1441 9/28/94
LANDFILL OR FACILITY TRANSPORTER	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 PROPERTY STATE ZIP GIBSON OIL & REFINING NAME END OF COMMERCIAL DRIVE BAKERSFIELD, CA. 93308 CITY. STATE, ZIP PHONE NO (805) 327-0413	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/26/74 DATE EPA 1.D. CAD980883177 DISPOSAL METHOD LANDFILL DOTHER 1441 9/28/94
	ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510) 638-1684 R 25 122 TRUCK UNIT LD NO TYPED OR PRINTED FULL NAME & SIGNATU GIBSON OIL & REFINING NAME END OF COMMERCIAL DRIVE ADDRESS BAKERSFIELD, CA. 93308 CITY. STATE, ZIP PHONE NO (805) 327-0413 TYPED OR PRINTED FULL NAME & SIGNATU	EPA 1.D. C A D 1918 3 6 6 1815 18 β SERVICE ORDER NO. PICK UP DATE 4/26/74 DATE EPA 1.D. CAD980883177 DISPOSAL METHOD LANDFILL DOTHER 1441 9/28/94

CONSOLIDATED WAST NDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

		•					
	NAME CLEARPRINT						
	ADDRESS 1482 67th ST.	EPA I.O. NO.					
•							
GENERATOR	CONTAINERS: No. 03 VOLUME 40 Y						
ENE	TYPE: " BIN DUMP DRUMS CARTONS OTHER						
BY G	MASTE DESCRIPTION MINERAL OIL GENERATING PROCE	ISS					
	50il 99+ Fthu	1 Benzene n320 no less					
COMPLETED	Mineral Oil 630 onless . Xyla	nes \$.50 or hers					
COMI	Denzene 0.570 orless,						
BE	Joluene 0.320 oclass.						
2	PROPERTIES. PH SOLIO	OTHER					
	HANDLING INSTUCTIONS						
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE	EARL L. MAU 9-26-94					
		FPA					
E E	CONSOLIDATED WASTE INDUSTRIES, INC.	no САР, 9, 8, 3, 6, 6, 8, 5, 8, 3					
08	ADDRESS	SERVICE ORDER NO					
NSPORTER	SAN LEANDRO, CA. 94577	PICK UP DATE					
TRA	PHONE NO 1510 638-1684	Ligo Jacie 9/26/99					
	TYPED OR PRINTED FULL NAME & SIGNATURE						
	GIBSON OIL & REFINING	CAD980883177					
CILI	END OF COMMERCIAL DRIVE	DISPOSAL METHOD LANDFILL OTHER					
R FA	BAKERSFIELD, CA. 93308						
11 0	PHONE NO (805) 327-0413						
LANDFILL OR FACILITY	TYPED OR PRINTED FULL NAME & SIGNATURE	9-27.94 DATE					
₹	GEN OLD/NEW L A TONS						
)	TRANS S B						
į :	C/O RT/CD HWDF NONE DISCREPANC	Y					

ASOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD

OAKLAND, CA 94621-3722 (510) 638-1684

(800) 922-9984



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	NAME CLEARPRINT	
<u> </u>	ADDRESS 1482 67th ST.	EPA 1.D. NO.
	CITY. STATE, ZIPEMERYVILLE, CA. 94608	PHONE NO. (519, 652-4762
IATOR	CONTAINERS: No. 04 VOLUME 20	WEIGHT
TO BE COMPLETED BY GENERATOR	1. Soil 2. Mineral oil 630 orless xylend 3. Bunzene 0.590 orless 7 4 Toluene 0.320 orless 8 PROPERTIES: ph	Buzene 0.320 Lessta 69 P.50 besta
TRANSPORTER	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577 PHONE NO (510 638-1684	EPA C A D 9 8 3 6 6 8 5 8 3 SERVICE ORDER NO
	TRUCK, UNIT, I.D. NO 14 TYPED'OR PRINTED FULL NAME'S SIGNATURE	19. 19. 19. 19. 19. 19. 19. 19. 19. 19.
ACILITY	GIBSON OIL & REFINING NAMEEND OF COMMERCIAL DRIVE	EPA ID CAD980883177 DISPOSAL METHOD LANOFILL OTHER ACCULATION
LANDFILL OR FACILITY	PHONE NO. (805) 327-0413 TYPED OR PRINTED FULL NAME & SIGNATURE	9/28/ay
LAN	GEN OLD/NEW L A TONS TRANS S B C/O RT/CD HWDF NONE DISCREPANCY	/ CATE

CONSOLIDATED WAST INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

								
	NAME CLEARPRINT			<u> </u>				
	ADDRESS 1482 67th S	т.					EPA I.D. NO.	
	CITY, STATE, ZIPEMERYV	ILLE, C					_	,510, 652-4762
IATOR	CONTAINER	S: Na	05		VOLUME	20c	11 yd weight	
BY GENERATOR		liner	ul c		/	ENERATING PROCES	33	. PPM %
COMPLETED	: 50./ : Mineral O.		90 63 0-5	2-09	99 less thon	Eth	4/Benzen	e 0,32 ORJes-
BE	· Toluene				, ,			
10	PROPERTIES: pH	SOLID		מוטבו.	SLUDGE [SLURRY C	OTHER	
	THE GENERATOR CER	-			. 11		· · · · · · · · · · · · · · · · · · ·	
	THE WASTE AS DESCRI			TYPED	OR PRINTED FULL N		LINIFIL	9.26-91
E	CONSOLIDATED) WASTE	INDUS				EPA C A D 9	8 3 6 6 8 5 8 3
ANSPORTER	1855 ADAMS A							
NSP	CITY STATE, ZIP SAN LEA		CA. 94	4577			PICK UP DATE	
TRA	PHONE NO. (510) 638-1	.684	 ,	2.	o Guneim		Resid	in 7/26/75
	TRUCK, UNIT, I.O. NO 32	· · · · · · · · · · · · · · · · · · ·		TYPED	OR PRINTED FULL N	AME & SIGNATURE	Nigordon	DATE
	GIBSON OIL &	REFINI	ING	, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>			I.D. CAD98088	
CILIT	END OF COMMERCIAL DRIVE						DISP	OTHER
H FA	BAKERSFIELD, CA. 93308							
LANDFILL OR FACILITY	PHONE NO. (805) 327-	0413			7	a. And	41	9.27 4 il
NDF		•	**	TYPED	OR PRINTED FULL N	AME & SIGNATURE		9-27-94 DATE
LA	GEN	01.041.04			I	7		
l	TRANS	OLD/NEW	_ L S	B	TONS]		

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CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

	NAME CLEARPRINT
	ADDRESS 1482 67th ST. EPA 10. NO. 1111111111111111111111111111111111
	CITY, STATE, ZIP EMERYVILLE, CA. 94608 PHONE NO. (510) 652-4762
ENERATOR	CONTAINERS: No. DE VOLUME 20 JULY WEIGHT WEIGHT
ENER	TYPE: BIN DUMP TRUCK DRUMS CARTONS OTHER
BY GI	WASTE DESCRIPTION MINERAL OIL GENERATING PROCESS 15TREMOVAL OF COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM
	50il 994 Ethylbenzene 0.300 orless
COMPLETED	Mineral Oil 630 celes « xylenes 1.5 orless
	3. Benzene 0.590 or Less 1
) BE	10/wene 0.320 or has
10	PROPERTIES: pH TSOLID LIQUID SLUDGE SLUPRY OTHER
	HANDLING INSTUCTIONS.
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.
<u> </u>	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
Ä	CONSOLIDATED WASTE INDUSTRIES, INC. C A D 9 8 3 6 6 8 5 8 3
ANSPORTER	ADDRESS SERVICE ORDER NO
NSP	CITY STATE ZIP SAN LEANDRO, CA. 94577
TRA	PHONE NO. (510 638-1684
1	
}	TRUCK, UNIT I.D. NO RO 16 TYPED OR PRINTED FULL NAME & SIGNATURE DATE
>	
CILITY	TRUCK UNIT I.D. NO RO 16 TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING CAD980883177
R FACILITY	TRUCK, UNIT I.D. NO KO /6 TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING NO. CAD 980883177 DISPOSAL METHOD
ILL OR FACILITY	TRUCK UNIT I.D. NO KO/6 TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING NAME END OF COMMERCIAL DRIVE BAKERSFIELD, CA. 93308 CITY. STATE. ZIP PHONE NO (805) 327-0413
NDFILL OR FACILITY	TRUCK UNIT I.D. NO KO/6 TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING NAME END OF COMMERCIAL DRIVE ADDRESS BAKERSFIELD, CA. 93308 CITY. STATE. ZIP TYPED OR PRINTED FULL NAME & SIGNATURE EPA I.D. CAD980883177 DISPOSAL METHOD LANOFILL OTHER
LANDFILL OR FACILITY	TRUCK UNIT I.D. NO KO/6 TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING NO. END OF COMMERCIAL DRIVE ADDRESS BAKERSFIELD, CA. 93308 CITY. STATE. ZIP PHONE NO. (805) 327-0413 Jam Ondur 10.4.94

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD

OAKLAND, CA 94621-3722 (510) 638-1684 (800) 93

(800) 922-9984

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		'E CLEARPRINT
		RESS 1482 67th ST.
A.C	' '	STATE ZIP EMERYVILLE, CA. 94608 PHONE NO. (510, 652-4762)
ENERATOR		CONTAINERS: No. 09 VOLUME 20 yd Bin WEIGHT_
15	۸.	E: DUMP DRUMS CARTONS OTHER
ED BY		TE DESCRIPTION MINERAL ON GENERATING PROCESS UST REMARK CHECK
	,	501/ 997 5. Ethy/ benzene 0.320 or/ass
COMPLETE		Mineral Oil 630 or less . Xylanes 0.320 or les
BE C		Benzene 0.590 or les
32	۳,	Toluene 0.320 orless.
	11.	PERTIES PH SOLID
		'LING INSTUCTIONS
	;	HE GENERATOR CERTIFIES THAT HE WASTE AS DESCRIBED IS 100% ON-HAZARDOUS. WHE WASTE AS DESCRIBED IS 100% ON-HAZARDOUS.
پر س	Na	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
Thansporter	AG,	1855 ADAMS AVE
かえる	Çı,	SAN LEANDRO CA 04577
, A	ρι	FINO 1 510 638-1684
	The	CUNIT 10 NO 510714 REGO GOV COM PRINTED FULL NAME & SIGNATURE
7	NA.	GIBSON OIL & REFINING EPA CAD980883177
17.17.	AU,	END OF COMMERCIAL DRIVE
7,	CI	BAKERSFIELD, CA. 93308
AMMERIA OF TRIBITA	PH.	TNO. (805) 327-0413 A 9/19/94
7	GL.	TYPED OF PRINTED FULL NAME & SIGNATURE DATE
_	C/14	S B
		RT/CD HWDF NONE DISCREPANCY

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD

OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984 #17804

No.

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r i		
TO BE COMPLETED BY GENERATOR	NAME CLEARPRINT	-
	ADDRESS 1482 67th ST.	EPA I.D. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	CITY, STATE, ZIP EMERYVILLE, CA. 94608	PHONE NO. (510, 652-4762
	CONTAINERS: No. 10 VOLUME 20 yd din WEIGHT	
	TYPE: BIN DUMP TRUCK DRUMS CARTONS OTHER DESCRIPTION MINERAL OF GENERATING PLANTS OF WASTE PPM 46	PROCESS UST Removes Chear DAMPONENTS OF WASTE PPM
	Mineral 0:1 630 onless . XX	Lenes 1.50 orless
	Benzene 0.590 pales 1	
	PROPERTIES: pH DSOLID LIQUID SLUDGE SLURRY OTHER	
	HANDLING INSTUCTIONS.	
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNA	EARH L. WHALL 9-28-94 TURE DATE
TRANSPORTER	CONSOLIDATED WASTE INDUSTRIES, INC.	EPA I.D. C A D 9 8 3 6 6 8 5 8 3
	1855 ADAMS AVE.	SERVICE ORDER NO 1868
	CITY STATE, ZIPSAN LEANDRO, CA. 94577	PICK UP DATE
	PHONE NO 1 510 638-1684	THE REGION OF STATES
-	TRUCK UNIT, I.D NO SIN # /) TYPED ON PRINTED FULL NAME & SIGNA	EDA
LANDFILL OR FACILITY	GIBSON OIL & REFINING	I.D. CAD980883177
	ADDRESS END OF COMMERCIAL DRIVE	LANOFILL OTHER MULLICH
	CITY. STATE. ZIP BAKERSFIELD, CA. 93308	<u> </u>
171.0	PHONE NO (805) 327-0413	9/29/24
NDF	TYPED OR PRINTED FULL NAME & SIGNA	TURE
5	GEN OLD/NEW L A TONS	
	TRANS S B RT/CD HWOF NONE DISCRE	PANCY
	<u> </u>	

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD

OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

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	NAME: CLEARPRINT
	ADDRESS 1482 67th ST. 1.D. HO.
	CITY, STATE, ZIP EMERYVILLE, CA. 94608 PHONE NO. (510) 652-4762
COMPLETED BY GENERATOR	CONTAINERS: No. #7 VOLUME 20 yd Din WEIGHT
ENER	TYPE: ~ BIN DOUMP DRUMS CARTONS OTHER
ซ	WASTE DESCRIPTION MINICIPAL ON GENERATING PROCESS COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM COMPONENTS OF WASTE
ED B'	COMPONENTS OF WASTE PPM COMPON
IPLET	2 Mineral O. 1 630 or bess . Xypine = 1.5 orless
	Benzene 0.590 or less
) BE	· Toluence 0.320 OR 1899
10	PROPERTIES. PH CASOLID
	HANDLING INSTUCTIONS
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% HON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
Œ	CONSOLIDATED WASTE INDUSTRIES, INC. EPA ID. C A D 9 8 3 6 6 8 5 8 3
RANSPORTER	ADDRESS 1855 ADAMS AVE. SERVICE ORDER NO. 1460
NSP(CITY STATE ZIP SAN LEANDRO, CA. 94577 PICK UP DATE 9-18-59
TRA	PHONE NO 510 638-1684
	TRUCK UNIT. I.D NO ROTO TYPED OR PRINTED FULL NAME & SIGNATURE DATE
 >	GIBSON OIL & REFINING LD. CAD980883177
CILIT	END OF COMMERCIAL DRIVE DISPOSAL METHOD ADDRESS LANDFILL OTHER
IR FA	CITY. STATE. ZIP BAKERSFIELD, CA. 93308
LANDFILL OR FACILITY	PHONE NO (805) 327-0413 Fame Pondum 9-30-94
QN	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
1	GEN OLD/NEW L A TONS
}	TRANS S B DISCREPANCY

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(800) 922-9984 (510) 638-1684

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	NAME CLEARPRINT						
	ADDRESS 1482 67th ST.			EPA I.O. NO.		1 1 1 1	
	CITY, STATE, ZIPEMERYVILI	E, CA. 9460	08		PHONE NO. (5	19 652-47	762
ATOR	CONTAINERS: No	#6	volui	AE 40, d bis	Z WEIGHT		
GENERATOR	TYPE: ~ Ö BIN				<u>.</u>		
BY G	WASTE DESCRIPTION IN	lace/ ()	<u>·/</u>	GENERATING PROCESS	OF WASTE	PPM	*
	1 501/		<u>99 f</u>	· Ethyl.b.	inzene	0.320	
COMPLETED	2 Mineral O.						
BE CO	· Johnsene						
10	PROPERTIES: pH	orio 🗌 rida	NO SLUDGE	SLURRY OTHER			
	HANDLING INSTUCTIONS						
	THE GENERATOR CERTIFITHE WASTE AS DESCRIBED NON-HAZARDOUS.) IS 100%	Earl of.	Mare EARL	WALL	9-0	28-94
e :	CONSOLIDATED W	, , , , , , , , , , , , , , , , , , , 	RIES, INC.	EPA			
ЯТЕ	1855 ADAMS AVE	•		SE	RVICE ORDER NO	1460	
TRANSPORTER	CITY STATE, ZIPSAN LEAND	RO, CA. 945		PIC			
TRA	PHONE NO (510 638-168	4	·	Har Val		9-28-	5 V
	TRUCK UNIT I.D NO ROID		FOMAS C. S		en en		ATE
>	GIBSON OIL & R	EFINING		EPA 1.D. NO.	CAD9808831	177	
LANDFILL OR FACILITY	END OF COMMER				DISPOSA	NER	
R FA	CITY, STATE, ZIPBAKERSFI	ELD, CA. 93	308				
ILL 0	PHONE NO (805) 327-04	13	74.	Andrew .		9-30.	90/
NDF			PED OR PRINTED FUL	NAME & SIGNATURE		0	ATE
5		<u> </u>	A TONS				
	TRANS C/Q	S RT/CD	HWOF NONE	DISCREPANCY			
L	<u></u>		110115	DISCRET AND			

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CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

	NAME CLEARPRINT		EPA EPA
	ADDRESS 1482 67th ST.		1.0. NO.
	CITY, STATE, ZIP EMERYVILLE, CA. 9460	8	PHONE NO. (519 652-4762
RATOR	CONTAINERS: No	VOLUME	yd bin weight
D BY GENERATOR	WASTE DESCRIPTION MINERAL COMPONENTS OF WASTE PPM		OMPONENTS OF WASTE PPM
COMPLETED	Mineral 0.1 630	OR 105 = 6.	Xylane= 1,5 orless
8E	· Joluene 0,320		
10	PROPERTIES: pH TSOLID LIQU	D SLUOGE SLUAR	AY OTHER
	HANDLING INSTUCTIONS.		
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.	Jaly Molaw PED OR PRINTED FULL NAME & SI	EAKL WAU 9-18-94 GNATURE DATE
R	CONSOLIDATED WASTE INDUST	RIES, INC.	EPA 1.D. NO C A D 1 9 8 3 6 6 1 8 5 18 13
HTE	ADDRESS 1855 ADAMS AVE.		SERVICE OADER NO
ANSPORTER	CITY STATE, ZIP SAN LEANDRO, CA. 945	77	PICK UP DATE
TRAI	PHONE NO (510 638-1684	Tunos C Sites	Call 928-2p
	TRUCK, UNIT, I.D. NO. ROGET	PED OR PRINTED FULL NAME & S.	
	GIBSON OIL & REFINING		LD. CAD980883177
HI	ADDRESS END OF COMMERCIAL DRIVE		DISPOSAL METHOD
7 FAC	CITY, STATE, ZIP BAKERSFIELD, CA. 93	308	
LANDFILL OR FACILITY	PHONE NO. (805) 327-0413		1/30/94
ZDFI		PED OR PRINTED FULL NAME &	
Ϋ́	GEN OLD/NEW L	A TONS	
E .			
	TRANS S C/O RT/CO	B HWOF NONE DIS	SCREPANCY

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CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

	NAME CLEARPRINT
	ADDRESS 1482 67th ST. EPA I.O. NO. LILILITITIES
<u> </u>	CITY, STATE, ZIP EMERYVILLE, CA. 94608 PHONE NO. (510 652-4762
ATOR	CONTAINERS: No 12 VOLUME 40 4 DIM WEIGHT_
BY GENERATOR	TYPE: BIN DUMP DRUMS CARTONS OTHER
3∀ G	WASTE DESCRIPTION MINERAL O: GENERATING PROCESS UST Removal Chan COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM
1	Soil 97+ Ethyl Denzene 0.320 orless
COMPLETED	Mineral Oil 630 OR lass . Xylenes 1.5 OR less
l os	3. Benzene 0.590 orloss,
) BE	. totuere 0,320 octoss.
10	PROPERTIES. PH ASOLIO LIQUID SLUDGE SLURRY OTHER
	HANDLING INSTUCTIONS.
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
ER	CONSOLIDATED WASTE INDUSTRIES, INC. CAR D 1918 13 16 16 18 15 18 13
ORT	ADDRESS 1855 ADAMS AVE. SERVICE ORDER NO. 1473
RANSPORTER	CITY STATE ZIP SAN LEANDRO, CA. 94577 PICK UP DATE \$/28/49
TRA	PHONE NO , 510, 638-1684 PHONE NO , 510, 638-1684 FLEE FL
<u> </u>	TRUCK, UNIT, I.D. NOLOG TYPED OR PRINTED FULL NAME & SIGNATURE DATE
 	GIBSON OIL & REFINING NAME CAD980883177
LANDFILL OR FACILITY	END OF COMMERCIAL DRIVE ADDRESS LANDFILL OTHER
R FA	CITY. STATE. ZIP BAKERSFIELD, CA. 93308
ור ס	PHONE NO. (805) 327-0413
NDF	TYPED OR PRINTED FULL NAME & SIGNATURE DAYE
LA	GEN OLD/NEW L A TONS TRANS S B
	C/O RT/CD HWOF NONE DISCREPANCY

NSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD

OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984



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	NAME Clearprint
	ADDRESS 1482 6744 5+ NO. 111111
	CITY STATE ZIP EMERY VILLE CA 94608 PHONE NO. 1510 652-476 Z
ATOR	CONTAINERS: No. 13 VOLUME 40, d bin WEIGHT
ENERATOR	TYPE: BIN DUMP TRUCK DRUMS CARTONS OTHER WASTE DESCRIPTION MINISCH DIL GENERATING PROCESS UST REMOVAL / CLEAN UNITED TO THE COLOR OF TH
BY G	WASTE DESCRIPTION 17 17 17 17 17 17 17 17 17 17 17 17 17
	, Soil 99+ Ethyl benziene 0.320
COMPLETED	Mineral Oil 630 on less explanes 1.5
NO	3 Benzene 0.950
BE (· Toluene 0,320
10	PROPERTIES: PH SOLID
	HANDLING INSTUCTIONS
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE DATE
	NAME Consolidated Waste Industries , Inc 10 CIATA 981316168151813
TER	1
RANSPORTER	ADDRESS 1855 Adams Aue SERVICE ORDER NO.
NS	CITY STATE ZIP Son Leandro, CA 94577 PICK UP DATE
TRA	PHONE NO 570 6384 7
<u> </u>	TRUCK, UNIT, I.D. NO TYPED ON PRINTED FULL NAME & SIGNATURE DATE
\	NAME (1/250 M. O) & Refining 10 CAD980883177
) ILIT	ADDRESS END COMMERCIAL FRICE LANDFILL BOTHER RECYCLE
FAC	CITY STATE ZIP Bakensfield, CA 93308
LANDFILL OR FACILITY	PHONE NO. 805-327-0413 10-3.94
VDF	TYPED OR PRINTED FULL NAME & SIGNATURE DATE
LA	GEN OLD/NEW L A TONS
	TRANS S B DISCREPANCY

CONSOLIDATED WAST INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

No.

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	NAME CLEARPRINT		•		
	ADDRESS 1482 67th ST.		EPA I.O.		
		C1 0/C00	NO. L		
	CITY, STATE, ZIP EMERY VILLE	, CA. 94608	РНОМЕ NO. (510 652-4762		
109	CONTAINERS: No		/ weight		
TO BE COMPLETED BY GENERATOR	CONTAINERS: NO TOLUME WEIGHT TYPE: BIN DUMP TRUCK DRUMS CARTONS OTHER WASTE DESCRIPTION MUNICIPAL DIM GENERATING PROCESS AST REMOVAL CHANGE COMPONENTS OF WASTE PPM COMPONEN				
CC.	CONSOLIDATED WAS	TE INDUSTRIES, INC.			
RTEF	ADDRESS 1855 ADAMS AVE.		SERVICE ORDER NO 14/86		
l Ö	ADDRESS		SERVICE ORDER NO		
NSPO	CITY STATE, ZIP SAN LEANDRO	, CA. 94577	PICK UP DATE 10-3-94		
TRANSPORTER		, CA. 94577	PICK UP DATE		
TRANSPO	CITY STATE, ZIP SAN LEANDRO	G/ER RUGI	PICK UP DATE 10-3-94		
#	PHONE NO (510 638-1684 TRUCK UNIT LD NO DOS CO	CA. 94577 6/EN RUGI TYPED OR PRINTED FULL NAME	PICK UP DATE 10-3-94 A JO-3-94 B SIGNATURE DATE EPA		
#	CITY STATE, ZIP SAN LEANDRO PHONE NO (510 638-1684 TRUCK UNIT LD NO ROS COMMERCIA END OF COMMERCIA	, CA. 94577 6/ER RUGI TYPED OR PRINTED FULL NAME INING	PICK UP DATE 10-3-94 L		
#	CITY STATE, ZIP SAN LEANDRO PHONE NO (510 638-1684 TRUCK UNIT LD NO ROS C GIBSON OIL & REF NAME END OF COMMERCIA	CA. 94577 6/ER RUE (TYPED OR PRINTED FULL NAME INING AL DRIVE	PICK UP DATE 10-3-94 L		
#	CITY STATE, ZIP SAN LEANDRO PHONE NO (510 638-1684 TRUCK UNIT LD NO ROS COMMERCIA END OF COMMERCIA	CA. 94577 6/ER RUE (TYPED OR PRINTED FULL NAME INING AL DRIVE	PICK UP DATE 10-3-94 L		
#	CITY STATE, ZIP SAN LEANDRO PHONE NO (510 638-1684 TRUCK UNIT LD NO ROS CO GIBSON OIL & REF NAME END OF COMMERCIA ADDRESS BAKERSFIELD CITY, STATE, ZIP	CA. 94577 6/ER RUE (TYPED OR PRINTED FULL NAME INING AL DRIVE	PICK UP DATE 10-3-94 LID 10-3-94 ESIGNATURE DATE EPA I.D. CAD980883177 DISPOSAL METHOD THANDFILL OTHER		
LANDFILL OR FACILITY TRANSPO	CITY STATE, ZIP SAN LEANDRO PHONE NO (510 638-1684 TRUCK UNIT LD NO ROS CO GIBSON OIL & REF NAME END OF COMMERCIA ADDRESS BAKERSFIELD CITY, STATE, ZIP	CA. 94577 C/EN RUGI TYPED OR PRINTED FULL NAME INING AL DRIVE D, CA. 93308 TYPED OR PRINTED FULL NAME	PICK UP DATE 10-3-94 LID 10-3-94 EPA I.D. CAD980883177 DISPOSAL METHOD LANDFILL OTHER		
#	GIBSON OIL & REF ADDRESS BAKERSFIELD CITY STATE, ZIP SAN LEANDRO 510 638-1684 TRUCK UNIT. LD NO ROS COMMERCIA ADDRESS BAKERSFIELD PHONE NO (805) 327-0413	CA. 94577 C/EN RUGI TYPED OR PRINTED FULL NAME INING AL DRIVE D, CA. 93308 TYPED OR PRINTED FULL NAME	PICK UP DATE 10-3-94 LID 10-3-94 EPA I.D. CAD980883177 DISPOSAL METHOD LANDFILL OTHER		

No.

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(510) 638-1684

(800) 922-9984

435

	NAME CLEARPRINT	
	ADDRESS 1482 67th ST.	EPA I.D. NO.
	CITY, STATE, ZIP EMERYVILLE, CA. 94608	PHONE NO. (510 652-4762
E .		
GENERATOR	CONTAINERS: No	WEIGHT
NER	TYPE: BIN DUMP DRUMS CARTONS OTHER	- International Contraction
	WASTE DESCRIPTION MINERAL O. / GENERATING PROCE	so UST Removal/chean
) BY	COMPONENTS OF WASTE PPM % COMPO	NENTS OF WASTE PPM
COMPLETED		1 binzene 0.32
PLE	-	nueg 1,5
Ö	3 Benzin C.95 7.	
8 0	totaene 0,32	
2	PROPERTIES: pH SOLID	OTHER
	HANDLING INSTUCTIONS:	
	THE GENERATOR CERTIFIES THAT	EARL MAU 9 -10-3-94
	THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. NOPED OR PRINTED FULL NAME & SIGNATURE	EARL MAU 9-10-3-94
~	CONSOLIDATED WASTE INDUSTRIES, INC.	EPA I.D. NO C ₁ A ₁ D ₁ 9 8 3 6 6 6 8 5 8 3
RANSPORTER	10FC ADAMS ATT	SERVICE ORDER NO.
PO		PICK UP DATE
ANS		PICK UP DATE
#	PHONE NO (51) 638-1684	
-	TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE	EPA [
	HAME GIBSON OIL & REFINING	LD. CAD980883177 DISPOSAL METHOD
FACILITY	ADDRESSEND OF COMMERCIAL DRIVE	_ Tandfill O OTHER
FA(DAMEDIANTES OF 02200	
1 00	CITY, STATE, ZIP BAKERSFIELD, CA. 93308	
LL OR	PHONE NO. (805) 327-0413	
VDFILL OR		DATE
LANDFILL OR	PHONE NO. (805) 327-0413	DATE

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

No.

436

	NAME CLEARPRIN	Т					
	ADDRESS 1482 67th					EPA I.D. NO.	1111
			CA. 94608			PHONE NO. (510 65	2-4762
ATOR	CONTAINE	RS: No	15	VOLUME_		WEIGHT	
GENERATOR	TYPE: E BIN	Dump TRUC	DRUMS	CARTONS (OTHER	MST REMOVA / ENTS OF WASTE PPM	//clean
D BY	COMPONENTS OF V			Ge 4	COMPONE FHL	NTS OF WASTE PPM	20
COMPLETED	Mineral			99 t 	6 Xylv	Benzene 0.7.	
	Benzer				7		
TO BE	10/wen		0.32			THER	
•	PROPERTIES: pH			□ SLUDGE □	SLUMMY LI O	Inch	
	THE GENERATOR C THE WASTE AS DESC NON-HAZARDOUS.		° ×	OR PRINTED FULL NA	111100	FARL. L. MAU	10-3-94 DATE
æ	CONSOLIDA'	red Wasti		es, INC.		EPA I.D. C. A. D. 9 8 3 6	6 8 5 8 3
)RTE	ADDRESS 1855 ADAM	S AVE.				SERVICE ORDER NO	
RANSPORTER	CITY, STATE, ZIP SAN	LEANDRO,	CA. 94577			PICK UP DATE	
TRAP	PHONE NO. (510 638	8-1684					
<u> </u>	TRUCK, UNIT, I.D. NO.		TYPEO	OR PRINTED FULL NA	ME & SIGNATURE		DATE
>	GIBSON OII	L & REFIN	ING			EPA I.D. CAD980883177	
111	1 *** 1747 St. /						
l o	END OF CO	OMMERCIAI	DRIVE			DISPOSAL METHO	
R FACI	ADDRESS END OF CO	<u> </u>	DRIVE . CA. 9330	8		₹7	
ILL OR FACILITY	ADDRESS END OF CO	ERSFIELD,		8		₹7	
NDFILL OR FACI	END OF CO	ERSFIELD,	, CA. 9330	8 OR PRINTED FULL NA	ME & SIGNATURE	₹7	
LANDFILL OR FACI	END OF CO	ERSFIELD,	, CA. 9330		ME & SIGNATURE	₹7	

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

No.

437

	NAME CLEARPRINT	7			
	ADDRESS 1482 67th				EPA I.D. NO.
	CITY, STATE, ZIP EMERY				PHONE NO. (510 652-4762
ENERATOR	CONTAINER	RS: No	16	VOLUME	WEIGHT
BY GENER	TYPE: A BIN WASTE DESCRIPTION	inerd	P DAUMS	;	ENERATING PROCESS UST REMOVAL CHEAT COMPONENTS OF WASTE PPM W
COMPLETED	: Soil . Mineral		630	99+	Etny (bmzanpoi32
98	: Benzer		0.950		7
6	PROPERTIES: pH	□ _X orid	□ rionip	SLUDGE D	SLURRY OTHER
	HANDLING INSTUCTIONS	· · · · · · · · · · · · · · · · ·			
	THE GENERATOR CI THE WASTE AS DESC NON-HAZARDOUS.	ERTIFIES TH)°* X	OR PRINTED FULL NAME	May EARL L. MALL 10-3-94 AME & SIGNATURE DATE
CC.	NAMECONSOLIDAT	TED WAST	E INDUSTRI	ES, INC.	EPA 10. C A D 9 8 3 6 6 8 5 8 3
ORTI	ADDRESS 1855 ADAMS	S AVE.	·		SERVICE ORDER NO
ANSPORTER	CITY, STATE, ZIP SAN I	LEANDRO,	CA. 94577	·	PICK UP DATE
TRAI	PHONE NO. (510 638	3-1684			
	TRUCK, UNIT, I.D. NO.		TYPED	OR PRINTED FULL NA	AME & SIGNATURE DATE
>	GIBSON OII	& REFI	NING		EPA I.D. CAD980883177
OR FACILITY	ADDRESS END OF CO				DISPOSAL METHOD LANDFILL OTHER
R FA	CITY, STATE, ZIPBAKE	ERSFIELD	, CA. 9330	18	· · · · · · · · · · · · · · · · · · ·
11.0	PHONE NO. (805) 32	27-0413			
LANDFILL			TYPED	OR PRINTED FULL NAI	IAME & SIGNATURE DATE
5	GEN	OLD/NEW	L A	TONS	
	TRANS		S B		_
<u></u>	C/O		RT/CD	HWDF NONE	DISCREPANCY

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

N

#188

No.

438

	NAME CLEARPRINT	
		EPA (D.
	ADORESS 1482 67th ST.	MÖ. [
	CITY STATE ZIP EMERYVILLE, CA. 94608	PHONE NO. (510 652-4762
ENERATOR	CONTAINERS: No. 17 VOLUME 20 YES	weight
COMPLETED BY GENER	Mineral Oil 630 . Lylus	SSUST Removal / Cheare NENTS OF WASTE PPM SUNZING CO.32 2005 1.5
TO BE CO	Toluens pa	OTVER
	THE GENERATOR CERTIFIES THAT	EARL L. MAIL 10-3-94
~	CONSOLIDATED WASTE INDUSTRIES INC	EPA C, A, D, 9 8 3, 6, 6, 8 5, 8, 3
RANSPORTER	1855 ADAMS AVE.	NV L
SPO	CITY STATE, ZIP SAN LEANDRO, CA. 94577	SERVICE ORDER NO
ANS		PICK UP DATE
H H	PHONE NO 1 510 638-1684	ul 1 Melejan 10/3/24
<u></u>	TRUCK UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE	DATE
	GIBSON OIL & REFINING	EPA 1.0. CAD980883177
<u>}</u>	END OF COMMERCIAL DRIVE	V DISPOSAL METHOD
₽C	ADDRESS	LANDFILL OTHER
H. H.	CITY, STATE, ZIP BAKERSFIELD, CA. 93308	
T	PHONE NO. (805) 327-0413	
LANDFILL OR FACILITY	TYPED OR PRINTED FULL NAME & SIGNATURE	
LAI	GEN OLD/NEW L A TONS	
	TRANS S B	
	C/O RT/CD HWDF NONE DISCREPANCY	

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984

No.

439

{	CIEADDUINT	
	NAME CLEARPRINT ADDRESS 1482 67th ST.	EPA
ـــ		PHONE NO. 1 510 652-4762
TOF	CONTAINERS: No. 18 VOLUME 20 Y	KEIGHT
ERA	TYPE: & BIN TRUCK DRUMS CARTONS OTHER_	
GENERATOR	TYPE: LA BIN LI TRUCK LI DRUMS LI CARTONS LI OTHER_	11ct A weel/chean
BYG	WASTE DESCRIPTION MINERAL OIL GENERATING PRO COMPONENTS OF WASTE PPM COM	PONENTS OF WASTE PPM
i i	Soil 997 SETT	14 Junzene 032
COMPLETED	Mineral Oil 630 Xyle	enes 1.5
DMP	Benzence 0.95	
BE C	Tal	
0.0		
~	PROPERTIES: PH SOLIO LIQUID SLUDGE SLURRY	
	HANDLING INSTUCTIONS.	······································
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100%	
		EARL L. MALC 10-3-94
	NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATU	EHRL L. MALL 10-3-94 DATE
oz.	NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATU	
RTER	CONSOLIDATED WASTE INDUSTRIES, INC.	EPA C, A, D, 9 8 3, 6, 6, 8 5, 8, 3
SPORTER	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO.
RANSPORTER	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577 SAN LEANDRO, CA. 9457 SAN LEANDRO, CA. 945	EPA C, A, D, 9 8 3, 6, 6, 8 5, 8, 3
	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577 PHONE NO 510 638-1684 TAML T Magazian	DATE EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE PICK UP DATE 10/3/94
<u>~</u>	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577	EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	DATE EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE PICK UP DATE DATE
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577	PICK UP DATE PICK UP DATE PICK UP DATE EPA 1D. C. A. D. 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE DATE EPA 1D. CAD980883177
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	PICK UP DATE PICK UP DATE PICK UP DATE CAD980883177 DISPOSAL METHOD
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577	EPA 10. C. A. D. 9 8 3 6 6 8 5 8 3 SERVICE ORDER NO. PICK UP DATE LD. CAD980883177 DISPOSAL METHOD LANDFILL OTHER
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE LD. CAD980883177 DISPOSAL METHOD LANDFILL OTHER
<u>~</u>	TYPED OR PRINTED FULL NAME & SIGNATU CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS SAN LEANDRO, CA. 94577 PHONE NO 510 638-1684 TRUCK UNIT. ID NO TYPED OR PRINTED FULL NAME & SIGNATU GIBSON OIL & REFINING NAME END OF COMMERCIAL DRIVE BAKERSFIELD, CA. 93308 CITY. STATE. ZIP PHONE NO (805) 327-0413 TYPED OR PRINTED FULL NAME & SIGNATU TYPED OR PRINTED FULL NAME & SIGNATU TYPED OR PRINTED FULL NAME & SIGNATU	EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE LD. CAD980883177 DISPOSAL METHOD LANDFILL OTHER
TR	CONSOLIDATED WASTE INDUSTRIES, INC. ADDRESS 1855 ADAMS AVE.	EPA 10. C, A, D, 9 8 3, 6, 6, 8 5, 8, 3 SERVICE ORDER NO. PICK UP DATE DATE EPA 1.D. CAD980883177 DISPOSAL METHOD LANDFILL OTHER DATE 10. 4.94 DATE

CONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND CA 94621 3722

OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984



445

	The state of the s				
	NAME CLEARPRINT				
	ADDRESS 1482 67th ST. EPA I.D. NO.				
	CITY. STATE_ZIPEMERYVILLE, CA. 94608 PHONE NO. (510 652-4762				
GENERATOR	CONTAINERS: No. 182 VOLUME 20 4d Bib WEIGHT				
ENE	TYPE: 3 BIN D TRUCK D DRUMS CARTONS DOTHER				
BY G	WASTE DESCRIPTION MINERAL DI GENERATING PROCESS UST REMOVED COMPONENTS OF WASTE PPM COMPONENTS OF WASTE PPM				
	A SOMEOREM OF TAXIE 7 PPM 4				
COMPLETED	2 Mineral ail 1630 or less : Tylenes 1.50 seles				
	3 BENZENE 0.590 OR LESS 7.				
) BE	· Toluenc 0.370 or less .				
70	PROPERTIES. PH SOLID				
	HANDLING INSTUCTIONS.				
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. EARL L. WIAU List of Million 10-11-94				
	DATE DATE				
len.	NAME NO C_1A_D_ 9 8 3 6 6 8 5 8 3				
NSPORTER	ADDRESS 1855 ADAMS AVE. SERVICE ORDER NO 15174				
NSF	CITY STATE ZIP SAN LEANDRO, CA. 94577 PICK UP DATE 10-11-94				
TRA	PHONE NO				
	TRUCK UNIT. ID. NO. ROLD TYPED OR PRINTED FULL NAME & SIGNATURE DATE TO -11-94				
> -	GIBSON OIL & REFINING NAME CAD980883177				
CILI	END OF COMMERCIAL DRIVE ADDRESS DISPOSAL METHOD ADDRESS DISPOSAL METHOD ADDRESS DISPOSAL METHOD				
OR FACILITY	CITY, STATE, ZIP BAKERSFIELD, CA. 93308				
1.L 0	PHONE NO (805) 327-0413				
ANDFILL	TYPED OR PRINTED FULL NAME & SIGNATURE DATE				
LA	GEN OLD/NEW L A TONS				
}	TRANS S B G/O RT/GD HWOF NONE				

446

CONSOLIDATED WASTE INDUSTRIES, INC.
560 INDEPENDENT ROAD
OAKLAND, CA 94621-3722
(510) 638-1684 (800) 922-9984

co

AT/CD

HWOF NONE

DISCREPANCY

					<u> </u>	
	NAME CLEARPRIN	T				
	ADDRESS 1482 67th	ST.			EPA I.D. HO.	
	CITY, STATE, ZIPEMER	YVILLE,	CA. 94608	3	PHONE NO (510 652-4762
GENERATOR	CONTAINE	RS: No/_	72	VOLUI	HE ZOYL BIN WEIGHT	
N.	TYPE. * 1 BIN	DUM TRUC	Y □ DAU	MS CARTONS	☐ OTHER	
BY GE	WASTE DESCRIPTION	LINERAL WASTE	O'L PPM		GENERATING PROCESS 457 Person M	1/Clean up
	. Sai			99+		
PLET	2 Miseal				· Zylenes	
COMPLETED	3 Benzene				7	
BEC	· Toluene	· · · · · · · · · · · · · · · · · · ·	0.320	Deless	8	
10	PROPERTIES: pH	Sour	Liquio	SLUDGE	SLURRY OTHER	
	HANDLING INSTUCTIONS			<u></u>		
	THE GENERATOR C THE WASTE AS DESC NON-HAZARDOUS.		EA1	the kind /A	MAME & SIGNATURE	12-11-94 DATE
	CONSOLIDAT	ED WASTI			EPA	
TER	NAME			ILD, INC.		3,3,6,6,8,5,8,3
ANSPORTER	ADDRESS 1855 ADAMS		CA 0457	7		1544
ANS	CITY STATE ZIP SAN L		CA. 9457	/	PICK UP DATE	1-11-9-9
Ŧ	PHONE NO 1 510 638	(2)/4-/	<u></u>	EN RI	ch sun Rody	10-11-94
	GIBSON OIL	· /		ED OR PRINTED FULI	NAME & SIGNATURE	DATE
λL	END OF CO	······································			I.D. CAD980883	AL METHOD
ACIL	ADDRESS			00	LANDFILL TO	THER RACIFIC
OR F	CITY, STATE, ZIP	·	CA. 933	08	//	
LANDFILL OR FACILITY	PHONE NO (805) 32	7-0413			Nellan	10/12/94
ANE		·			NAME & SIGNATURE	DATE
	GEN TRANS	OLDINEW	LA	TONS		

ONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

188 No. TRK 447

(510) 638-1684

(800) 922-9984

	NAME CLEARPRINT	
	ADDRESS 1482 67th ST.	EPA i.O. NO.
	CITY, STATE, ZIP EMERYVILLE, CA. 94608	PHONE NO (510 652-4762
GENERATOR	CONTAINERS: No. MV1-188 VOLUME 2041 F	3/X) WEIGHT
BY GENE	TYPE: BIN DUMP TRUCK DRUMS CARTONS OTHER WASTE DESCRIPTION Minier OF WASTE PPM GENERATING PROCE COMPONENTS OF WASTE	33 UST Removal/elean UP
1	Δ	Severe 0.320 orles
COMPLETED		Ne 150 orks
	3 Renzene 0.590 peles ,	
) BE	· Tolulene 0.320 peles .	
10	PROPERTIES: pH SOLIO	OTHER
	HANDLING INSTUCTIONS	
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS. TYPED OR PRINTED FULL NAME & SIGNATURE	FARL L. MALL 10-12-94
GE.	CONSOLIDATED WASTE INDUSTRIES, INC.	EPA C, A, D, 9, 8, 3, 6, 6, 8, 5, 8, 3
RTE	ADDRESS 1855 ADAMS AVE.	SERVICE ORDER NO. 1557
ANSPORTER	CITY STATE, ZIP SAN LEANDRO, CA. 94577	PICK UP DATE 10-12-94
TRAI	PHONE NO. 510 638-1684	2
	TRUCK UNIT, 10 NO RØ15 GIEN RUCK TYPED OR PRINTED FULL NAME & SIGNATURE	10-12-91 DATE
>-	GIBSON OIL & REFINING	EPA I.D CAD980883177
CILIT	END OF COMMERCIAL DRIVE	DISPOSAL METHOD
R FA	CITY, STATE, ZIPBAKERSFIELD, CA. 93308	
LANDFILL OR FACILITY	PHONE NO (805) 327-0413	10/14/94
LAN	TYPED OR PRINTED FULL NAME & SIGNATURE GEN OLO/NEW L A TONS	DATE
	\	
	TRANS S B ST/CD HWOF NONE DISCREPANCY	,

ONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

No.

22 TRL 448

(510) 638-1684

(800) 922-9984

CONSOLIDATED WASTE INDUSTRIES, INC. Consolidated Waste Industries, Inc. Consolidated Waste Industries,		OT EADDD THM		
CONTAINERS: No. 27 VOLUME 20 4 Bis WEIGHT TYPE: A BIN DOWN DRIVE DORING CARTONS OTHER COMPONENTS OF WASTE PPM COMPONENTS OF W	}			
CONTAINERS: No. 72 VOLUME ZO Y BIS WEIGHT TYPE: BISIN DUMP ORUMS CARTONS OTHER WASTE DESCRIPTION MIN CRAIL OF COMPONENTS OF WASTE PPM COMPONENTS OF WASTE STORE STORE]		NO. L.
WASTE DESCRIPTION MIN CONFONENTS OF WASTE PPM COMPONENTS OF WASTE PPM		CITY. STATE, ZIPEMERYVILLE,	CA. 94608	PHONE NO. (519 652-4762
WASTE DESCRIPTION MIN CONFONENTS OF WASTE PPM COMPONENTS OF WASTE PPM	RATOR	CONTAINERS: No		20 yd Bin WEIGHT
TRUCK UNIT. 10 NO REFINING SERVICE ORDER NO. 1557 SERVICE ORDER NO. 1557 PICK UP DATE 10-12-941 PHONE NO 1510 638-1684 TRUCK UNIT. 10 NO ROLO TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING SERVICE ORDER NO. 1557 PICK UP DATE 10-12-941 CAD980883177	BE COMPLETED BY G	WASTE DESCRIPTION MINE COMPONENTS OF WASTE 2. MINIERAL BUT 3. HENZENE PROPERTIES: DH SOLID HANDLING INSTUCTIONS THE GENERATOR CERTIFIES THE WASTE AS DESCRIBED IS	PPM 99+	NERATING PROCESS UST Company (May up COMPONENTS OF WASTE PPM) S. ETLA BENTEUE 0.320 Delen B. Zylene 1.50 Exless SLUARY OTHER
TRUCK UNIT. 10 NO ROLO GIBSON OIL & REFINING GIBSON OIL & REFINING CAD980883177	EE .	CONSOLIDATED WAST	E INDUSTRIES, INC.	C, A, D, 9 8, 3, 6, 6, 8 5, 8, 3
TRUCK UNIT. 10 NO ROLO GIBSON OIL & REFINING GIBSON OIL & REFINING CAD980883177	ORT			SERVICE ORDER NO. 1557
TRUCK UNIT. 10 NO ROLO GIBSON OIL & REFINING GIBSON OIL & REFINING CAD980883177	NSF	CITY STATE, ZIP SAN LEANDRO	CA. 94577	PICK UP DATE 10-12-94
TRUCK UNIT. 10 NO ROLO TYPED OR PRINTED FULL NAME & SIGNATURE GIBSON OIL & REFINING CAD980883177	1	PHONE NO (510 638-1684		
GIBSON OIL & REFINING LD CAD980883177	•	h or in		AF A SIGNATURE
				SDA TO THE TOTAL TOTAL TO THE THE TOTAL TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTA
END OF COMMERCIAL DRIVE	ΙΤΥ	NAME		NO. CIEDORAL METHOD
ADDRESS END OF COMMERCIAL DRIVE LANOFILL TOTHER POLYCLE	4CIL	ADDRESS		DENOFILE TOTHER PROVIDE
CITY, STATE, ZIP BAKERSFIELD, CA. 93308	R F.	CITY, STATE, ZIP BAKERSFIELD	, CA. 93308	
END OF COMMERCIAL DRIVE ADDRESS BAKERSFIELD, CA. 93308 CITY. STATE, ZIP PHONE NO. (805) 327-0413 TYPED OR PRINTED FULL NAME & SIGNATURE GEN OLD/NEW A TONS	111	PHONE NO. (805) 327-0413	- Karil	101 101494
TYPED OR PRINTED FULL NAME & SIGNATURE DATE	NDF		TYPED OR PRINTED FULL NAM	ME & SIGNATURE DATE
	LA			
C/O RT/CO HWOF NONE DISCREPANCY			l	DISCREPANCY

ONSOLIDATED WASTE INDUSTRIES, INC. 560 INDEPENDENT ROAD OAKT AND CA 94621 3722

OAKLAND, CA 94621-3722 (510) 638-1684 (800) 922-9984



TRUCK

No.

450

	CI EARDRING
	NAME CLEARPRINT EPA
	ADDRESS 1482 67th ST.
	CITY. STATE, ZIPEMERYVILLE, CA. 94608 PHONE NO 51,0 652-4762
GENERATOR	CONTAINERS: No. MY1-172 VOLUME 20 Yd BIN WEIGHT
ENE	TYPE:
BY G	WASTE DESCRIPTION Marcal Oil GENERATING PROCESS UST PEND A CLOSE OF COMPONENTS OF WASTE PRIM TO COMPONENTS OF WAST
TE	Soil 99+ Ethyl Benzene 0,320 orler
COMPLETED	2 Museal oil 630 or less . Zyleve 1.50 orles
NO.	3 Berzeve 0.590 orless,
BE	1 Toluleure 0,320 erles
10	PROPERTIES PH SOLID
	HANDLING INSTUCTIONS.
	THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100%
	NON-HAZARDOUS / Servi I / Servi I / 94
	NON-HAZARDOUS. NON-HAZARDOUS.
85	NON-HAZARDOUS / Servi I / Servi I / 94
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560 INDEPENDENT ROAD OAKLAND, CA 94621-3722

(800) 922-9984 (510) 638-1684

No.

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	NAME CLEARPRIN		· · · · · · · · · · · · · · · · · · ·		EPA EPA
	ADDRESS 1482 67th	ST.			NO
	CITY, STATE, ZIPEMER	YVILLE,	CA. 94608		PHONE NO. (510 652-4762
RATOR					ZO y d B, D WEIGHT
ETED BY GENERATOR	TYPE: BIN WASTE DESCRIPTION COMPONENTS OF W	Missa a	Oil PPM	GEI	NERATING PROCESS UST lemans/C/EAU UP COMPONENTS OF WASTE PPM 5 Ethyl Benzene 0.320 Belan 6. 7./ene /.50 Deless
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	THE GENERATOR CONTINUES THE WASTE AS DESCRIPTION ON HAZARDOUS.			DE A NO STED FULL NA	-/ Dune /1/13/94
Œ	CONSOLIDAT	ED WASTE	INDUSTR	es, inc.	EPA C1A1D1 9 8 3 6 6 8 5 8 3
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11 0	PHONE NO (805) 32	7-0413	·- <u>-</u>	Alla Mark	aufman 10-16-94
NDF			TYPE	OR PRINTED FULL NA	
LA	GEN de:	OLD/NEW	L A	TONS	
	TRANS		S B	HWDF NONE	DISCREPANCY
		,	P	14014	

EARL LI MALL	Ent & Milas	1/2/1/19/2
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 Nama	Signature	Month Day Year

19. Discreponcy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous m	naterials covered by this manifest except as noted in Item 19.			_	_
Printed/Typed Name	Signature	Month	Đay	Year	
		<u>L</u>	1 1		

EM RGENCY

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	UNIFORM HAZARDOUS	1. Generator's US EPA	ID No.	Manife	st Docume	nt No.	2. Page 1	Informatio	on in the shaded areas
ľ	WASTE MANIFEST	 C A D 9 8 2	7 ול וא נו וחו	71 2 11	911-	18 3	of 1	is not requ	uired by Federal law.
	3. General Programme and Mailing Address	<u> </u>	<u> </u>	<u> </u>			Monifest Document	Number	
	1482 67th ST.							9	3119683
	EMERYVILLE, CA. 94608					B. State	Generator's ID		
	4. Generator's Phone (51)0 652-470	52	_ _			H	A H O 3 6	- 0 5	2 2 5 5
	5. Transporter 1 Company Name	6. l	JS EPA ID Number				Transparter's ID	446	721
	CONSOLIDATED WASTE INT	OUSTRIES CLA	18 8 6 C A	616181	5 8 3	D. Trans	oorter's Phone		638-1684
	7. Transporter 2 Company Name		JS EPA ID Number			E. State	Transporter's ID		
	1 4	1.1	1111	111	1 1	F. Trans	orter's Phone		39.4
	9. Designated Facility Name and Site Address		JS EPA ID Number	,—,J		G State	Facility's ID		
	PETROLEUM RECYCLING CO).					1 1 1 1 1		
	213331 NO. HIGHWAY 33	lal	اداداداماعا	11/1/1	مامام	H. Facilit			
	PATTERSON. CA. 95363		<u> </u>	110101	7月 <u>4日の</u> 12. Con	tainers	(209) 13. Total	14. Unit	7/4/
	11. US DOT Description (including Proper Shippi	ing Name, Hazard Class	, and ID Number)	<u>_</u>	No.	Туре	Quantity	Wt/Vol	I. Waste Number
]	HAZARDOUS WASTE LIQUIE	N.O.S.					:	<u>.</u>	State 223
}	9 MA 3082 PG ITI (D018	B) (BENZEPE)			0 0 1	TT	0114010	G	EPA/Other
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						!]		FNUG
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	4. Additional Descriptions for Materials Listed Ab	ove				K. Handi	ng Codes for Wast	es Listed Ab	ave
	WATER FILE BLUZING		e la versione			a.		b.	
								9. 20. 22	TANKAT WALLET
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	15. Special Handling Instructions and Additional				- V - V - V - V - V - V - V - V - V - V		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		7 3 2 mm + 400 2 mm + 400 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1
	WEAR APPROPRIATE SAFET								1
	EMERGENCY 24 HR CONTAC	T 1 800 922-	-9934						
ļ	A OTHERATOR'S CONTINUES	1 1 1 1 1	<u>ולביטמֿמֿ</u>	I.E. 1094	150CD				
	 GENERATOR'S CERTIFICATION: I hereby a packed, marked, and labeled, and are in all 	dectare that the contents respects in proper condi	at the consignment tion for transport by	are fully and y highway ac	accurately cording to	described applicable	above by proper s federal, state and	hipping nan International	ne and are classified,
	If I am a large quantity generator, I certify economically practicable and that I have sel	ected the practicable me	ethod of treatment,	storage, or o	lisposal cu	rrently ava	ilable to me which	minimizes tl	ne present and future
ļ	threat to human health and the environment waste management method that is available	;OR, if I am a small qı	uantity generator, I	I have made	a good fa •	ith effort t	o minimize my was	te generatio	on and select the best
	Printed/Typed Name		Signature					Mon	_ , , , , , , , , , , , , , , , , , , ,
-	EARL L. WIAL			41 M	<u> </u>	[[466]	<u> </u>	16	7/0/56
-	17. Transporter 1 Acknowledgement of Receipt o		Signature /	سيما)			Mont	h Day Year
	HOMAS (. S. TE				<u> </u>	1.4	<u> </u>		01/10/9k
F	18. Transporter 2 Acknowledgement of Receipt of Printed/Typed Name		Cianabana						
İ	rianca/sypeo riane		Signature					Mont	h Day Year
_	19. Discrepancy Indication Space		- 						
}	20. Facility Owner or Operator Certification of re	eceipt of hazardous mate	erials covered by the	is manifest ev	cent as no	ted in Itan	19		
	Printed/Typed Name		Signature	- mannesi ex	-Spi 43 110	u nem	17.	Mont	h Day Year
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DO NOT WRITE BELOW THIS LINE.

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

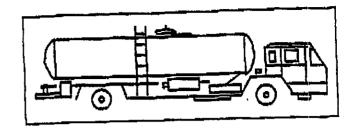
ase pr	proved OMB No. 2050–0039 (Expires 9-30-94) rint or type. Form designed for use on elite (12-pit	ch) typter.	ns on back of		Sacramento, California
1	UNIFORM HAZARDOUS	1	Manifest Document No.	2, Page 1	is not required by Federal law.
1	WASTE MANIFEST	[CAD198210/1871712	11416814	of /	
	3. Generator's Name and Mailing Address	CLEARPRINT 1482 67 TH STREE EMERYVITE, CA 946	A Sidie	Manifest Dacument	9311968
		THEZ 6+ TH STREE	B. State 0	Senerator's ID	<u> </u>
	4. Generator's Phone (5/0 652-47	-62	, ug	AAIHOBI	60 <u>52</u> 255
	5. Iransporter 1 Company Name	6. US EPA ID Number		ransporter's ID	
	CONSOLIDATED	101 ALN 91.9131616	RICIAL D. Transp	orter's Phone	101638-1684
	WASTE IND. INC. 7. Transporter 2 Company Name	C A D 9 8 3 6 6 8. US EPA ID Number	E. State	ransporter's ID	<u>10) 638-1684</u>
			F. Transp	orter's Phone	
ŀ	9. Designated Facility Name and Site Address	i . 10 US EPA ID Number	G. State	Facility's ID	
1	9. Designated Facility Name and Site Address PETROLEUM RECYC	line Co.		11111	
ı	13331 NO. HIGHWAY		H. Facility	/s Phone 2 OS	. 892 - 674Z
	PATTERSON CA 953		12. Containers	13. Total	14 Unit
	11. US DOT Description (including Proper Ship		No. Type	Quantity	Wt/Voi I Waste Number
l	· HAZARDOUS WA	ASTE LIQUID N.O.S			State 223
G	9 NA-3092 PGTT	· DOIS) : TRENZENE)	00177	011500	FDA /Other
E	b	<u> </u>			State
E	<u> </u>				EPA/Other
Â					State
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R				111	EPA/Other
	d.				State
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ı				1000 G T PPR 1 1 12 1 1 G	AND THE RESIDENCE OF THE PARTY
	1 Additional Descriptions for Materials Listed	ABOVE	K, Flandi a.	ng Codes for Was	b.
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			.		d of collection of the second
l	15. Special Handling Instructions and Addition	al Information		<u> </u>	
	WEAR APPROPRIATE	SATETY EQUIPMENT			
	EMERGENY ZY-HX	CONTACT 1-800-9			
ı			- 10946000		
	16. GENERATOR'S CERTIFICATION: I hereb	y declare that the contents of the consignment are fi all respects in proper condition for transport by high	illy and accurately described	above by proper federal, state and	shipping name and are classified, international laws.
1	·				
	economically practicable and that I have	tify that I have a program in place to reduce the selected the practicable method of treatment, stora	ge, or disposal currently avo	ailable to me which	n minimizes the present and future
	threat to human health and the environm- waste management method that is availab	ent; OR, if I am a small quantity generator, I have	made a good faith effort	to minimize my wo	ste generation and select the best
	Printed/Typed Name	Signature	11 1 1111	,	Month Day Yes
*	EARL L. MALL 17. Transporter 1 Acknowledgement of Receipt		ESTUG	aw_	10109
R	Printed/Typed Name	Signature .		· · · ·	Month Day Ye
N S	THOMAS O SITE	(51)/ (· Sth	5	10109
R	18. Transporter 2 Acknowledgement of Receip Printed/Typed Name	t of Materials Signature			Month Day Yes
T E R	Timesy types truine	3.9.1310			
	19. Discrepancy Indication Space				
F A					-
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Ļ		f receipt of hazardous materials covered by this ma	nifest except as noted in Item	119.	
Y	Printed/Typed Name	Signature			Month Day Yes
	1				

rm Ap	California—Environmental Protection Agency proved OMB No. 2050–0039 (Expires 9-30-94) int or type. Form designed for use on elite (12-pitch) systewriter	See Instructio	ns on back of	6.	Department of Toxic Substances Cont Sacramento, California
1	UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US EF	ı	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
	3. Generator's Name and Mailing Address		11916 815 Aristata	Manifest Document	Number
	CLEARPA	INT TISTUST	4.5		93119685
Ì	1482 67 4. Generator's Phone (5/0 652 - 4762	The CALLON	V/14 8. State	Generator's ID	visionala letera
		US EPA ID Number	. <i>O.O.</i> C.I. Stone	オ <u>オオルシ</u> Transporter LD	<u>6052255</u>
ı	CONSOLIDATED	1000	D. Trans	oerter's Phone	10) 63 8-7684
Ì	7. Tronsporter 2 Company Name 8.	AD9 836 C	BISI 영경 E. Stote	Transporter's ID	101628-1684
ı	·		F. Trans	corter's Phone	
	1	US EPA ID Number	1.00	Facility's ID	
١	PETROLEUM RECYCLING CO		H. Fácili	v's Phone	
	13331 No. 1+16+wry 33 DATTERSON CA 95363	ADIO18131110	46728	A CONTRACTOR SECURITION AND ADMINISTRATION OF THE PARTY O	892-6742
	11. US DOT Description (including Proper Shipping Name, Hazard Cla	ss, and ID Number)	12. Containers No. Type	`13. Total Quantity	14. Unit Wt/Vol J. Waste Number
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Ğ			la del TIT	012151010	FPA/Other
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1	15. Special Handling Instructions and Additional Information	7. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.			
l	WERR APPROPRIATE P. P.E				
	EMERGENY ZU. TO CONTACT	800-922-9	የፋ ሃ		
	16. GENERATOR'S CERTIFICATION: I hereby declare that the content	ts of the consignment are fu	lly and accurately described	above by proper s	hipping name and are classified,
	packed, marked, and labeled, and are in all respects in proper con	dition for transport by high	way according to applicable	federal, state and	international laws.
	If I am a large quantity generator, I certify that I have a progra- economically practicable and that I have selected the practicable	nethod of treatment, storag	e, or disposal currently avo	ailable to me which	minimizes the present and future
l	threat to human health and the environment; OR, if I am a small waste management method that is available to me and that I can a	quantity generator, I have	made a good faith effort t	to minimize my was	te generation and select the best
	Printed/Typed Name V EAILL LI WIALL	Signature	1 / 11/1		Month Day Year
<u>v </u>	X EARL LI MALL 17. Transporter 1 Acknowledgement of Receipt of Materials	X 7 62 0	St. Wille		110 05 94
K A N S	Printed/Typed Name	Signature	- CA1.		Month Day Year
P O R	18. Transporter 2 Acknowledgement of Receipt of Materials		Julia	<u></u>	10 5 94
T E R	Printed/Typed Name	Signature			Month Day Year
	19. Discrepancy Indication Space	<u></u>			
F A	·				
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L l T	20. Facility Owner or Operator Certification of receipt of hazardous me Printed/Typed Name	aterials covered by this man	ifest except as noted in Item	19.	Month Day Year
Ÿ		- Signature			Month Day Year
		<u> </u>		····	

H&H Environmental Services

220 Terry A. Francois (China Busin) St. San Francisco, CA 94107

Tel # (415) 543-4835 Fax # (415) 543-8265



	Pages including this page
DATE:	9 SEPTEMBER 94
то:	JERRY CREEN
COMPANY:	MARCOR
FROM:	SUSAN PARSONS
SUBJECT:	EVERYVILLE TANK REMOVAL PROJECT
COMMENTS	3:
	ETE WASTE CHARACTERIZATION PROFILE FORM FOR THE TANKS AND THE
CREDIT APPL THAT YOU MA	CATION. I AM ALSO SENDING YOU COPIES OF HISH PERMITS, LICENSES ETC NEED FOR COUNTY PAPERWORK. II THANKS FOR THE CALL. WE CAN CONFIRM TRUCK SCHEDULING NEXT WEEK

1780

MARROR.

ORIGIN AND CHARACTERIZATION OF HAZARDOUS WASTE

It is required that the facility is provided information on the origin of the waste. Even more important is that Gibson is required under Title 22, CCR to obtain detailed chemical and physical analysis that must be known to treat the waste. When a certified laboratory analysis is not provided, information must be based on generator's knowledge of the waste. It is the responsibility of the generator to identify how this knowledge of the waste was obtained. The generator must identify the specific knowledge:

What is the	
	process origin of the waste?
(A.)	Tank pull or rineate
B.	Waste product of a process
Q.	Spill (?) - UNDETERMINED NATURE
, D.	SITE CLEAN UP
•	
What is the p	product origin of the waste, such as oil and water mixture, metal contaminated soil, etc.
	REROUND STORAGE TANKS (MINERA GIL)
Umu did the	consenses about the head of the second of th
trow aid tibe	generator obtain the knowledge of the waste?
6.	Part of company's process
В.	Waste derived from a one time activity, such as spill
Ø.	· · · · · ·
© . D.	Analysis by Certified Lab
D.	Analysis by Certified Lab
D. Identify the re	Analysis by Certified Lab
D. Identify the re (For Example	Analysis by Certified Lab blative hazardous characteristics of the waste based on generator's knowledge. Benzene contaminated water from gas tank rinsste)
D. Identify the re (For Example M/N	Analysis by Certified Lab clative hazardous characteristics of the waste based on generator's knowledge. ERAC OIL FROM FORD REDUCTS
D. Identify the re (For Example M/N	Analysis by Certified Lab clative hazardous characteristics of the waste based on generator's knowledge. C: Benzene contaminated water from gas tank rinsate) ERAC OIL FROM FORD PRODUCTS
D. Identify the re (For Example M N	Analysis by Certified Lab clative hazardous characteristics of the waste based on generator's knowledge. C: Benzene contaminated water from gas tank rinsate) ERAC OIL FROM FORD PRODUCTS
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CERTIFICATE OF INSURANCE HISUE DATE (MM/DD/YY) 7/15/1994 THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE PRODUCER Andreini & Company DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. 220 W 20th Ave. San Mateo, CA 94403 COMPANIES AFFORDING COVERAGE (415) 573-1111 COMPANY UNDERWRITERS AT LLOYD'S LONDON LETTER COMPANY HARTFORD INSURANCE COMPANY LETTER NSURED GIBSON ENVIRONMENTAL, INC. REPUBLIC INDEMNITY LETTER SEE ATT'D NAMED INSURED LIST COMPANY 3300 TRUXTUN AVE., #200 LETTER 93301 BAKERSFIELD, CA COMPANY LETTER COVERAGES THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS. EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. POLICY EFFECTIVE CO POLICY NUMBER DATE (MM/DD/YY) DATE (MM/DD/YY) LTR 500,00 GENERAL AGGREGATE GENERAL LIABILITY A: X COMMERCIAL GENERAL LIABILITY PRODUCTS-COMP/OP AGG. EN109928/94/8959 03/07/94 03/07/95 PERSONAL & ADV. INJURY CLAIMS MADE . X . OCCUR. 250,00 EACH OCCURRENCE OWNER'S & CONTRACTOR'S PROT. FIRE DAMAGE (Any one fire) X ProdComp/Ops* MED. EXPENSE (Any one person) - \$ AUTOMOBILE LIABILITY COMBINED SINGLE : 1,000,00 LIMIT X ANY AUTO 51UENH54650 В 03/07/94 03/07/95: BODILY INJURY ALL OWNED AUTOS (Per person) SCHEDULED AUTOS BODILY INJURY HIRED AUTOS (Per accident) NON-OWNED AUTOS GARAGE LIABILITY PROPERTY DAMAGE 750,00 EACH OCCURRENCE EXCESS LIABILITY

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

* CLAIMS MADE - RETRO DATE: 7/25/88

30 DAYS CANCELLATION EXCEPT WITH RESPECT TO NON-PAY, WHICH IS 10 DAYS.

ERTIFICATE HOLDER CANCELLATION

EN109931

PC 3901362

& EN109928/94/8959

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 days written notice to the certificate holder named to the LEFT, but failure to mail such notice shall impose no obligation or Liability of any kind upon the company, its agents or representatives.

03/07/95; AGGREGATE

01/01/95

03/07/94 03/07/95 PER OCCUR.

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EACH ACCIDENT

DISEASE - POLICY LIMIT

AGGREGATE

DISEASE - EACH EMPLOYEE

STATUTORY LIMITS

AUTHORIZED REPRESENTATIVE

03/07/94

01/01/94

ACORD 25-9 (7/90)

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EMPLOYERS' LIABILITY

Loc; #s EN109931

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GACORD CORPORATION 1990

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Gibson Environmental

To:

Gibson Employees

From:

Roy Campbell, Environmental Compliance Manager

Subject:

Permit Review Status

In June, the Department of Toxic Substances Control decided to move all permitting for oily waste recycling facilities to the Region 3 office. Gibson facilities will continue to operate with the issued documents; Resource Recovery Permit # CAD 980883177 for Bakersfield and ISD's at Redwood and Wilmington, until the department issues new permits. Due to the transfer, it is anticipated that the department will take several additional months to review and issue the permits.

If there are any questions on this matter, please contact me at extension 140.

1042a.RC

DEPARTMENT OF HEALTH SERVICES 74/44 P STREET SACRAMENTO, CA 99814



Facility: Gibson Oil and Refining
Company, Inc.
End of Commercial Drive
Bakersfield, CA 93308

Operator: Gibson Oil and Refining
Company, Inc.

3121 Standard Street
Bakersfield, CA 93308

DEFA ID Number: CAD 980883177

Effective Date: June 28,1988

Expiration Date:June 28, 1993

Pursuant to Section 25200 of the California Health and Safety Code, this Series A, Hazardous Waste Resource Recovery Permit is hereby issued to Gibson Oil and Refining Company, Inc. The issuing of this permit is subject to the conditions set forth in Attachment A which consists of 29 pages (and any other exhibits).

James T. Allen Chief

Northern California Section

Toxic Substances Control Division

Date

hd-TROS-86-cs

Gibson Environmental

To:

Gibson Employees

From:

Roy Campbell, Environmental Compliance Manager

Subject:

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If there are any questions on this matter, please contact me at extension 140.

1042a.RC

TAX AND LIABILITY IMPLICATIONS OF GIBSON'S RECYCLING OPERATION

In comparing Gibson to a disposal facility, Gibson will save you money and reduce your liability. Any generator sending waste to Gibson will not be subject to federal, state or local disposal fees. Gibson is a recycler. To the extent that Gibson disposes of any wastes from its operations, Gibson is the generator of such waste and is responsible for <u>all</u> disposal fees associated with such material.

As a recycler, Gibson does not dispose of any materials onsite. A generator sending waste to a disposal facility may be liable under the Federal Superfund law (Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. 9601, et seq.) to clean-up the disposal facility. As a recycler, Gibson eliminates that liability because it does not dispose of anything on-site and any material sent off-site by Gibson is Gibson's responsibility, not yours.

CJ.150

ISSUE DATE (MM/OD/YY) CERTIFICATE OF INSURANCE 7/15/1994 THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE Andreini & Company 220 W 20th Ave. San Mateo, CA 94403 COMPANIES AFFORDING COVERAGE (415) 573-1111 UNDERWRITERS AT LLOYD'S LONDON LETTER COMPANY HARTFORD INSURANCE COMPANY LETTER INSURED COMPANY GIBSON ENVIRONMENTAL, INC. REPUBLIC INDEMNITY LETTER SEE ATT'D NAMED INSURED LIST COMPANY 3300 TRUXTUN AVE., #200 LETTER BAKERSFIELD, CA 93301 COMPANY Ε LETTER COVERAGES THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS. EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. POLICY EFFECTIVE POLICY EXPIRATION CO POLICY NUMBER TYPE OF INSURANCE DATE (MM/DD/YY) DATE (MM/DD/YY) LTR 500,00 GENERAL AGGREGATE A **GENERAL LIABILITY** PRODUCTS-COMP/OP AGG. X : COMMERCIAL GENERAL LIABILITY EN109928/94/8959 03/07/94 03/07/95 PERSONAL & ADV. INJURY CLAIMS MADE : X COCCUR EACH OCCURRENCE 250,00 OWNER'S & CONTRACTOR'S PROT. FIRE DAMAGE (Any one fire) X ProdComp/Ops* MED. EXPENSE (Any one person):\$ COMBINED SINGLE AUTOMOBILE LIABILITY **3 1,000,00** 51UENH54650 OTUA YAA 03/07/94 03/07/95 BODILY INJURY ALL OWNED AUTOS (Per person) SCHEDULED AUTOS : HIRED AUTOS BODILY INJURY (Per accident) NON-OWNED AUTOS GARAGE LIABILITY PROPERTY DAMAGE 750,00 EACH OCCURRENCE EXCESS LIABILITY 03/07/95 AGGREGATE 1,500,00 03/07/94 UMBRELLA FORM EN109931 X OTHER THAN UMBRELLA FORM X STATUTORY LIMITS WORKER'S COMPENSATION 01/01/95 EACH ACCIDENT 1,000,00 C PC 3901362 01/01/94 AND 1,000,00

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30 DAYS CANCELLATION EXCEPT WITH RESPECT TO NON-PAY,

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EMPLOYERS' LIABILITY

Loc; #s EN109931

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EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO 30 days written notice to the certificate holder named to the LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

03/07/95 PER OCCUR.

DISEASE - POLICY LIMIT

AGGREGATE

DISEASE . EACH EMPLOYEE

AUTHORIZED REPRESENTATIVE

03/07/94

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ORIGIN AND CHARACTERIZATION OF HAZARDOUS WASTE

It is required that the facility is provided information on the origin of the waste. Even more important is that Gibson is required under Title 22, CCR to obtain detailed chemical and physical analysis that must be known to treat the waste. When a certified laboratory analysis is not provided, information must be based on generator's knowledge of the waste. It is the responsibility of the generator to identify how this knowledge of the waste was obtained. The generator must identify the specific knowledge:

1.		•
1.	What is the process origin of the waste?	
	A. Tank pull or rinsate	
	B. Waste product of a process	
	Q. Spill (?) - UNDETERMINE	A LATURO
	D. SITE CLEAN UP	
2.	What is the product origin of the waste, such as oil and wa	ter mixture, metal contaminated soil, etc.?
	UNDER GROWND STORAGE TI	HUES (MINERIX GIC)
3.	How did the generator obtain the knowledge of the waste?	
	(A.) Part of company's process	
	B. Waste derived from a one time activity, su	ich as spill
		•
	C. Analysis by Certified Lab	•
	©. Analysis by Certified Lab D.	
ŀ.	D. Identify the relative hazardous characteristics of the waste b	ased on generator's brougladay
.	D. Identify the relative hazardous characteristics of the waste be (For Example: Benzene contaminated water from was tank)	rinsete)
i.	D. Identify the relative hazardous characteristics of the waste b	rinsete)
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<u>CL.</u>	Identify the relative hazardous characteristics of the waste be (For Example: Benzene contaminated water from gas tank; MINERAL OIL FROM FORDO MINERAL OIL NOT Con COMPOULD - No LEARPRINT PAPER Co.	rinsate)
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ENVIROPUR WEST

FEDERAL LAND DISPOSAL RESTRICTION NOTIFICATION STATEMENT

1. Mani	fest number: 9	3-11-9725			
cî 4	following wastes 0 CFR Part 268 (crmation):	are subject to th heck all that app	e land disposa ly, and provid	i restrictions e the required	
	F001-F005 spent solvents (on attached sheet, list the w codes, constituents and actual treatment standards and requirements for these wastes)				
	F039, multi-sours waste code, consand/or requirements	ce leachate (on a stituents and act ents for this was	ual treatment	et, list the standard levels	
	Other wastes as ; required in the	listed below (pro table below):	vide the infor:	mation	
U.S. EPA Hazardous Waste Number	Waste Subcategory, if applicable (See Table CCWE in 268.41; Table 2 in 268.42; and/ or Table CCW in 268.43)	Treatability Group (wastewater or nonwastewater)	Treatment standard reference (Cite section & paragraph from 40 CTR)	Five Letter treatment code(s) (For technolog based treatment standards; see Tables 1&2 in 268.42)	
D018		WASTE WATER		RECYCLING	
3. The	wastes compl do no	y with (also prov t comply with	vide a certific	ation statemen	

the treatment standards in 268 Subpart D, the applicable prohibitions of Section 268.32, or RCRA section 3004(d).

4. Waste analysis _____is available and is attached.



Title:

ENVIROPUR WEST

CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PERT I: Senerator Information CLEAKPRIN	UT == 10# CAD 9820/8772
2. Profile Number 1094600 P	Manifest 93/19725
The waste(s) identified on the above reference number(s) identified below is subject to the Division 4.5. Chapter 18.	noed manifest and bearing the California waste tand Disposal Restrictions of CCR. Title 21.
PART II: waste Identification	
Calif waste = 223	
Check the appropriate lines. More than one	line tay apply.
1. RCRA regulated wasce (if this line is	conecked, please complete other side).
2. Wasta Oil-Adueous wastes with organics Promibition data effective 5/8/92.	identified in CCR. Title 22. 56268.112
3. Non-RCRA metal-containing acueous wast	e identified in CCR. Title 22, 60268, 107(a).
4. Non-RCRA solvent waste identified in C effective date 1/1/95.	CR. Title 22, 676268, 107(b). Promibition
5. Non-RCRA metal-containing solid waste Promibition effective data 1/1/95.	identified in CCR. Title 22, 56268, 108(a;(3).
	aining any organic compound identified by EPA novor 8270; identified in GCR, Title 22.
8050, 8140, 8150, 8240, and/or 8270: 1	ganic compound identified by EPA Test Methods
Promidition effective date 1/1/953. Other Non-VCRA. California regulated w	asta, datagory includes iap Packs, California od housanold hazardous wasta exempted in the
PART III: manching method Check the appropriate lines. More than one	Line may apply.
i. The RCRA waste identified above must be Disposal Restriction Notification incl X 2. Recycling.	e handled in accordance with the EPA Land uded on the reverse side of this form.
3. The waste identified above must be tre	ated to meet the applicable standards in CCR. tiple 11.
the waste through analysis and testing this certification that the waste comp CCR Title ZZ. Division 4.5. Capter 12, suomitted is true, accurate, and compi	policable treatment standard. personally have examined and am familiar with or through knowledge of the waste to support lies with the treatment standards specified in Article 11. I believe that the information 1 etc. I am aware that there are significant fication, including the possibility of a fine
S. The wasta identified above is subject variance is Find and insert Part II above.	the actual promibition effective date from
	not purrently restricted from land disposal.
PART IV. Senerator Certification I hereby certify that all information supplication, complete and accurate to the best of mexist.	ed above and on all associated documents is violating or errors
Signature day y William	Date 10-11-94
Print or ivee name EARL L. MALL	

ITEM #10-ACCOUNTABILITY OF ALL NON-MANIFESTED MATERIAL FROM SITE

All soil and water removed from the excavated area that was contaminated went to Gibson Environmental as reflected on the manifest. All non-contaminated soil from the excavated area (such as soil above the tank) was transported to American Rock and Gravel and recycled to make asphaltic pavement. The concrete sidewalks and asphalt from the parking lot were recycled in the same manner as the soil. All non-manifested material went to the same company identified above.

	CARRIER COPY
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P.O. BOX 580 · PLEASANTON, CA 94566 TEL: 510/846-8800	173105
WEIGHMASTER CERTIFICATE	PRODUCT CODE EXPLANATION
THIS IS TO CERTIFY that the following described	1. Sand
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12700) of Division 5 of the California Business and Professions Code, administered by the Division of Professions Code, administered by the Division of Professions Code, administered by the Department	4. Sub Base
Professions Code, administration of the Oalifornia Department	5. Crushed Rock
	6. Asphalt Concrete
KAISER SAND & CRAVEL CO.	7. Other Aggregates
1	8. Miscellaneous
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Professions Code, administered by the Measurement Standards of the California Department of Food and Agriculture.	6. Asphalt Concrete
KAISER SAND & GRAVEL CO.	7. Other Aggregates
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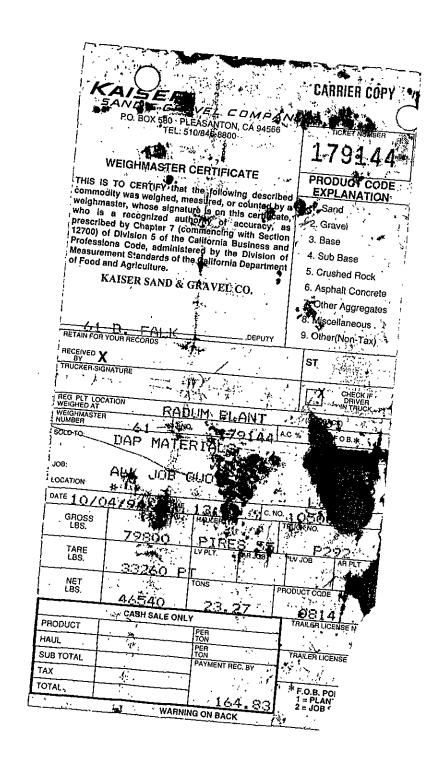
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POV FRO PI FASANTON, CA 94566	TICKET NUMBER		
TEL: 510/846-8800	179143		
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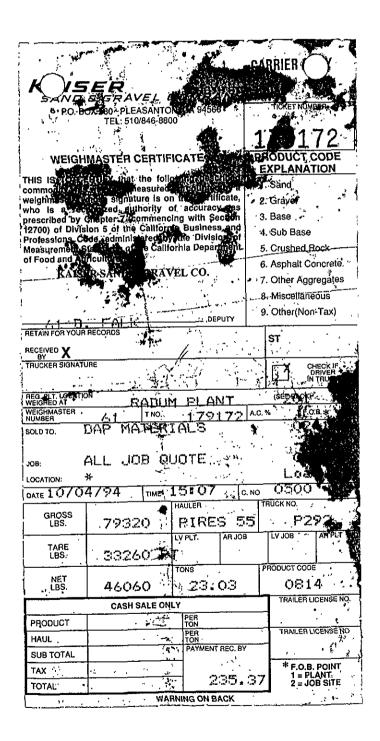
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V) EED	CARINER OUT
SAND & GRAVEL COMPANY	
P.O. BOX 580 PLEASANTON, CA 94566 TEL: 510/846-8800	TICKET NUMBER
) TEL: 510/640-0000	179177
WEIGHMASTER CERTIFICATE	PRODUCT CODE EXPLANATION
THIS IS TO CERTIFY that the following described	1. Sand
commodity was weighed, measured, or counted by a weighthaster, whose signature is on this certificate,	2. Gravel
who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section	3. Base
12700) of Division 5 of the California Business and Professions Code, administered by the Division of	4. Sub Base
Measurement Standards of the California Department	5. Crushed Rock
of Food and Agriculture.	6. Asphalt Concrete
KAISER SAND & GRAVEL CO.	7. Other Aggregates
*,	8. Miscellaneous
A1 D. FALK DEPUTY	9. Other(Non-Tax)
RETAIN FOR YOUR RECORDS	ST
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TRUCKER SIGNATURE	CHECK JE
7.00	
REG. PLT LOCATION RADUM PLANT	(SEĒBĀCK)
WEIGHMASTER 61 TNO. 179177	AC% F.OB.* 1
SOLD TO: DAP MATERIALS	024165
ALL HOR GUOTE	000900
LOCATION B ALL JOB GUOTE	Load 13
DATE 10/04/94	المائكة المائكة الماسطة .
TIME 15:36	NO. 0500
HAULER . HAULER	NO. OSOO TRUOK NO.
74760 PIRES, 1	· · · · · · · · · · · · · · · · ·
LBS. 29260 PT	<u> </u>
I NICT I	LV JOB AR PLT
LBS. ASSOC	PRODUCT CODE
CASHCALE	0814
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SUB TOTAL PER TON	TRAILER LICENSE NO.
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CUSTOMER COPY-1

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				000900	
JOB AI	LL JOB QU	OTE		Load 14	
LOCATION *				5500	
DATE 10/04		5:43	10 110.	K NO	
		HAULER	\	Q478	
GROSS LBS	79240 _	PIRES	AR JOB U	V JOB AR PLT	
+		LV PLT	AH JOB		
TARE LBS	30780 P	T		DUCT CODE	
		TONS	\	0222	
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P.O.	BOX 580 PLEASANT	ON, CA 94566	TICKET NUMBER
	TEL: 510/846-8	800	179221
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Measurement	Standards of the Cali		5. Crushed Rock
of Food and A	griculture. SER SAND & GRA	VEL CO	6. Asphalt Concrete
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			8. Miscellaneous
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GROSS LBS.	78040	SHERTUN	, rose
TARE		LV PLT AR JOB	LV JOB AR PLT
LBS.	3 1580 P	F (\$1)	
NET		TONS	PRODUCT CODE
LBS	47460	23.77	Q814
	CASH SALE ON		TRAILER LICENSE NO
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K) SED	. (CUSTOMER CO
5AN	D & GRAYEL	. COMPANY	TICKET NUMBER
	TEL: 510/846-	8800 ·	179272
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Commodity)	CERTIFY that the f was weighed, measur	ed, or counted by a	1. Sand
who is a	r, whose signature is recognized authority by Chapter 7 (comme	on this certificate, of accuracy, as	2. Gravel
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1	SER SAND & GRA	VEL CO.	6. Asphalt Concrete
\$			7. Other Aggregates
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WEIGHMASTER NUMBER	64 TNO.	179272	A.C. % F.O.B.*
SOLD TO.	DAP MATER	THES	024165
JO8	ALL JOB Q	UQTE	1000900
LOCATION	*	······································	Load 2
DATE 1070	5/94 TIME	10:32 _{c.} ,	vo. 0500
GROSS	1	HAULER	TRUCK NO.
LBS.	78040	PIRES E1	E480
TARE LBS.	31580 P	<u> </u>	LV JOB AR PLT
NET LBS.	46460	23.23	PRODUCT CODE OS14
	CASH SALE ON	Υ .	TRAILER LICENSE NO
PRODUCT		PER TON	
HAUL	1	PEA TON	TRAILER LICENSE NO
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KAISE	GRAVELLL	MPÂNY	TIË	E NUMBER
DO DOY 9	580 · PLEASANTON, 0 TEL: 510/846-8800	CA 94566 ,		9274
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weighmaster, who who is a recogn prescribed by Cha 12700) of Division	iFY that the follow alghed, measured, or se signature is on the nized authority of apter Accommencing 5 of the California, administered by the dards of the Californulature.	his certificate, accuracy, as g with Section Business and he Division of	5. Cr	avel
KAISER	SAND & GRAVE	T CO.	7.0	her Aggregates iscellaneous
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RETAIN FOR YOUR RE		· <u> </u>	ST	
RECEIVED X TRUCKER SIGNATUR REG. PLT. LOCATION WEIGHED AT WEIGHMASTER NUMBER	m. A. 354-184	17927		CHECK IF DRIVER INTRUCK SEF BACK) FOB # 1
SOLD TO	Jan 174 - 30 - 70 - 20	JOTE		000900 Load 4
LOCATION		[0:33	IC NO	0500
GROSS LBS.	76280	PIRES,	E	K280
TARE LBS.	33240 P	LV PLT. AF		L4 400B
NET LBS.	43040	70NS 21.5		OB14 TRAILER LICENSE NO
<u> </u>	CASH SALE ON			SHAILER LIGENSE NO
PRODUCT		PER TON PER		TRAILER LICENSE NO
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₹ TOTAL	<u> </u>	ARNING ON BAC	K	\

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Cl	ISTOMER C 2	
SAND STRAYEL COMPANY		
P.O. BOX 880 - PLEASANTON, CA 94566 TEL 510/846-8800	179314	
WEIGHMASTER CERTIFICATE	PRODUCT CODE EXPLANATION	
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of	1. Sand 2. Gravel 3. Base 4. Sub Base	
Measurement Standards of the California Department of Food and Agriculture.	5. Crushed Rock	
KAISER SAND & GRAVEL CO.	6. Asphalt Concrete	
†	7. Other Aggregates	
	8. Miscellaneous	
61 D. FALK DEPUTY	9. Other(Non-Tax)	
RETAIN FOR YOUR RECORDS	ST	
RECEIVED X		
TRUCKER SIGNATURE	CHECK IF ORIVER IN TRUCK	
REG PLT LOCATION RADIUM PLANT WEIGHED AT	(SEE BACK)	
WEIGHMASTER 61 TNO. 179314 NUMBER DAF HATERIALS	AC.% FO.B * 1 024165	
ALL JOB QUOTE	000900 Load 6	
LOCATION: TIME 13:02	C. NO. 0500	
DATE TIME HAULER	TRUCK NO.	
GROSS 79660 PIRES E	TIGHAL ACTUAL OF	
TARE 31580 PT	PRODUCT CODE	
NET 48080 24.04	0814	
CASH SALE ONLY	TRAILER LICENSE NO.	
PRODUCT PER TON		
HAUL PER TON	TRAILER LICENSE NO	
SUB TOTAL PAYMENT REC		
TAX	* F.O.B. POINT Fig: 1 = PLANT	
TOTAL 137	2 = JOB SITE	
WARNING ON BACK		

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P.O.	BOX 580 PLEASANT TEL: 510/846-8	TÒN, CA 9456	6	TICKET NUMBER
	, ve	` 'k		179316
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commodity w weighmaster, who is a re prescribed by 12700) of Div Professions	CERTIFY that the fo as weighed, measure whose signature is ecognized authority / Chapter 7 (čommer ision 5 of the Callfo Code, administered Standards of the Call	d, or counted on this certif of accuracy acing with Se mia Business by the Division	i by a icate, y, as ection s and on of	1. Sand 2. Gravel 3. Base 4. Sub Base
of Food and A	griculture.			Crushed Rock Asphalt Concrete
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1				8. Miscellaneous
61 D	. FALK	,DEP	UTY	9. Other(Non-Tax)
RECEIVED X BY TRUCKER SIGNAT REG. PLT. LOCAT. WEIGHMASTER NUMBER SOLD TO:	ON RADU	M PLAN 1793 IALS	IT /	ST CHECK IF DRIVER IN TRUCK (SEEBACK) C.*. FOB** 1 OCA165
108.	*			Load 7
DATE 10/0	5/94 TIME	13:11	C. NO	0700
GROSS LBS.	77120	PIRES	, E	KZ80
TARE LBS.	33240 P	r	AR JOB	LV JOB AR PLT
NET LBS.	43880	TONS 21.9	4	OS14
	CASH SALE ON			TRAILER LICENSE NO
PRODUCT	- *	PER TON		
HAUL		PER TON PAYMENT RE		TRAILER LICENSE NO
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TOTAL	į.	l	9.52	* F.O.B. POINT 1 = PLANT 2 = JOB SITE
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ITEM #11-BUILDING PERMITS FOR REMOVAL OF UNDERGROUND STORAGE TANKS AND REPLACEMENT WITH ABOVE GROUND STORAGE TANK

After endorsement of contract terms and conditions, which described the scope of services to be provided, the necessary permit were obtained. This process included the submission of the Underground Tank Closure Plan to the Department of Environmental Health, Hazardous Materials Division located in Oakland, CA. Please refer to attached permit for further information. Beyond the UST permit is the Building Permit for all work associated with the put back or restoration process. The Building permit for restoration is also included in the same section for review and approval.

SUSW K. HLED

DEPARTMENT OF ENVIRONMENTA HEALTH
HAZARDOUS MATERIALS DI.ISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

A C C E P T E D

DEPARTMENT OF ENVIRCHMENTAL HEALTH

470 - 27th Street, Third Floor
Oakland, CA 94612

Telephone: (415) 874-7237

plans have been roviewed and found to be accompliant to the streeth of

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local hoalth laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.

once of any required purlainty permits for construction.

One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or afterations of these plans and specifications must be submitted to this Department and to the fire and Building Inspiration Department to determine if such changes much the requirements of State and local laws.

Notify this Department at least 48 hours prior to the following required inspections:

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and

Sampling

Agulations. THERE IS A FIRMWOLM PINALITY FOR NOT ODIAIN HG THISE PRITECTIONS.

Just 2/44 8/5/4/ Here vole Chaze m.

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1.	Business Name CLEAR PRINT PAPER COMPANY
	Business owner CLEAR PRINT PAPER COMPANY
2.	Site Address 1482 67TH STREET
	city EMERYVILLE CA. zip 946C8 Phone (510)652-4762
3.	Mailing Address 1482 67TH, STREET
	city EMERYVILLE, CA. zip 94608 Phone (510)652-4762
4.	Land Owner CLEAR PRINT PAPER CONIPANY EMERYVILLE,
	Address 1482 67TH STREET city, State CA. Zip 94608
5.	Generator name under which tank will be manifested
	CLEAR PRINT PAPER COMPANY
	EPA I.D. No. under which tank will be manifested CAD982018772

*Jose Extenguisken must be en sik

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rev 3/92

6. contractor MARCOR OF CALIFORNIA
OCOL KARRINGTONI LOUKL
11AVALAR CA 94545 Phone (510) 152 100p
City HAYWARD A. A. A. A. A. A. A. A. A. C. A. A. A. A. A. C. License Type HAZMAT ID# 520-37-5-20037
License 196
been received, in addition, to holding the appropriate contractors trouble
7. Consultant MARCOR OF CALIFORNIA
2001 BARRINGTON COURT
city HAYWARD, CA Phone (510) 732-7888
en Investigation
8. Contact Person for Investigation Name RCBERT F. FLORY Title REGISTERED GEOLOGIST
Name KCBEKI (- 1888
Phone (510) 732-7888
9. Number of tanks being closed under this plan
Length of piping being removed under this plan
Total number of tanks at facility
10. State Registered Hazardous Waste Transporters/Facilities (see instructions).
** Underground tanks are hazardous waste and must be handled ** as hazardous waste
a) Product/Residual Sludge/Rinsate Transporter
He H ENVIRONMENTAL EPA I.D. No. CADCOT 11168
Hauler License No. 0334 License Exp. Date 1-31-13
220 PERRY A. FRANCOIS
city SAN FRANCISCO, state CA. zip 94107
b) Product/Residual Sludge/Rinsate Disposal Site
Name H&H ENVIRONMENTAL EPA I.D. No. CADOO4 1 11160
220 PERRY A FRANCOIS
city SAN FRANCISCO state CA zip 94107
•

name H&H ENVIRONMENTAL EPA I.D. No. CADOUT71168 Hauler License No. 0334 - License Exp. Date 1-31-95 Address 220 PERRY A. FRANCOIS City SAN FRANCISCO state CA. Zip 94107
d) Tank and Piping Disposal Site Name H&H ENVIRONMENTAL EPA I.D. No. CADCO4771168 Address 220 PERRY A. FRANCOIS city SAN FRANCISCO, State CA zip 94107
11. Experienced Sample Collector Name ROBERT F. FLORY (R.G.) Company MARCOR OF CALIFORNIA Address 2601 BARRINGTON COURT. City HAYWARD State CA. zip 94545 Phone (510)732-7888
Name TRACE ANALYSIS Address 3423 INVESTMENT WAY. City HAYWARD, State CA. Zip 94545 State Certification No. 1199 13. Have tanks or pipes leaked in the past? Yes [] No [V]
13. Have tanks of pipes 15 to OUR KNOWLEDGE If yes, describe. NOT TO OUR KNOWLEDGE

14. Describe methods to be used for rendering tank inert

AFTER REMOVAL OF ALL POSSIBLE, CONTENTS THE TANKS WILL BE INERTED - USING THE DRY ICE PER 1,000 GAL. TANK CAPACITY.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Та	nk	Material to be sampled	Location and	
Capacity	Use History (see instructions)	(tank contents, soil, ground- water, etc.)	Depth of Samples	
1,000	MINERAL OIL	2-SAMPLES JUST ABOVE GROUND WATER	SITE WALL JUST ABOVE GROUND WATER AT EACH END OF TANK, APPR. GFT. & ONE WATER SAMPLE	
8 000	SOLTROL	2-SAMPLES JUST ABOVE GROUND WATER	SAME AS ABOVE	
IC, CCO	MINERAL OIL	SAME AS ABOVE	SAME AS ABOVE	
10,000	MINERAL OIL	SAME AS ABOVE	SAME AS ÁBOVE	

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil			
stockpiled Soil Volume (Estimated)	Sampling Plan Soil TO BE BACK FILLED, CUBIC DESCRETE SAMPLE 20 YDS.		
150 YDS.	Soil FOR DISPOSAL 4 SAMPLES COMPOSITED BY LAB / 50 CUBIC YDS.		

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
MINERAL OIL	5520 D3F 5520 CBF	·	Soil 50 PPM
SOLVENT	MODIFIED 80-15 USING A 150 OCTANE STANDARD		1 PPM
TPH Sierel TPH mirer BTEX	lail		
	· · ·		

17. Submit Site Health and Safety Plan (See Instructions)
ATTACHED

Compensation certifi 18. Submit Worker'

INSURANCE -AGLE JOLDEN Name of Insurer

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)-
- 21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)
- 22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor Name (please type) CHN PRUETT III
Name (please type) Signature
Date 7-26-94
Signature of Site Owner or Operator
Name (please type) EARL M(AU)
signature _ Carl Man per _ 50 1 1
Date 7-26-94

INSTRUCTIONS

General Instructions

- * Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

Item Specific Instructions

- 2. <u>SITE ADDRESS</u>
 Address at which closure is taking place.
- 5. <u>EPA I.D. NO. under which the tanks will be manifested</u>
 EPA I.D. numbers may be obtained from the State Department of Health Services, 916/324-1781.
- 6. <u>CONTRACTOR</u>
 Prime contractor for the project.
- 10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
 - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
 - c) Tanks must be hauled as hazardous waste.
 - d) This is the place where tanks will be taken for cleaning.
- 15. TANK HISTORY AND SAMPLING INFORMATION

 Use History This information is essential and must be accurate.

 Include tank installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

- 16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS see attached Table 2.
- 17. SITE HEALTH AND SAFETY PLAN

 A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
 - a) The name and responsibilities of the site health and safety officer;
 - b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
 - c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
 - d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
 - e) Description of the work habit changes triggered by the above action levels or physical conditions;
 - f) Frequency and types of air and personnel monitoring along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
 - g) Confined space entry procedures (if applicable);
 - h) Decontamination procedures;
 - Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, etc.);
 - j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
 - k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
 - Page for employees to sign indicating they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

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NOTE: These requirements are excerpt and Emergency Response; 1910.120(b)(4), Hazardous Waste Operations and Emergency Response; final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

- 19. <u>PLOT PLAN</u>
 The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:
 - a) Scale;
 - b) North Arrow;
 - c) Property Lines;
 - d) Location of all Structures;
 - e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
 - f) Streets;
 - g) Underground conduits, sewers, water lines, utilities;
 - h) Existing wells (drinking, monitoring, etc.);
 - i) Depth to ground water; and
 - j) All existing tanks and piping in addition to the ones being pulled.
 - 20. <u>DEPOSIT</u>
 A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.
 - 21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.
 - 22. TANK CLOSURE REPORT
 The tank closure report should contain the following information:
 - a) General description of the closure activities;
 - b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all nonmanifested contaminated soil hauled offsite.

TABLE #2 RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

UNDERGROUND TANK LEAKS	
COTT. ANALYSTS	WATER ANALYSIS
	TPH G GCFID(5030)
TPH D GCFID(3550) BOYLE 8020 or 8240	TPH D GCFID(3510) BTX&E 602, 624 OF 8260
TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA
TEL DHS-LUFT	TEL DHS-LUFT EDB DHS-AB1803
TPH G GCFID(5030)	TPH G GCFID(5030) BTX&E 602, 624 or 8260
TPH D GCFID(3550)	TPH D GCFID(3510) BTX&E 602, 624 or 8260
TPH D GCFID(3550)	TPH D GCFID(3510) BTX&E 602, 624 OF 8260
CL HC 8010 or 8240	CL HC AND DIME
TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH and binds
TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F	TPH G GCFID(5030) TPH D GCFID(3510 O & G 5520 C & F BTX&E 602, 624 or
BTX&E 8020 or 8240	8260
	AMERICA Cd. Cr. Pb, Zn, N
	SOIL ANALYSIS TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260 TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA

^{*} If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

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Tri-Regional Boa. Stall Recommendations Preliminary UST Site Investigations

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

- 1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
- 2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
- 3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
- 4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
- 5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydro-carbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
- 6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
- 7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
- 8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods. 17th Edition, 1989, has changed the 503 series to 5520.
- 9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	SOIL PPM	WATER PPB
	1.0	50.0
TPH G	1.0	50.0
TPH D	0.005	0.5
BTX&E	****	5,000.0
0 & G	. 50.0	3,0000

Tri-Regional Board St .f Recommendations Preliminary UST Site Investigations

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE		MODIFIED PROTOCOL
<pre> 10 ppm 5 ppm 1 ppm</pre>	(19%)	<pre> ≤ 10 ppm (10%) ≤ 5 ppm (21%) ≤ 1 ppm (60%)</pre>

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- 10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
 - 11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chroma- togram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies will be difficult. The refinements for detection and analysis for all for various purposes. The refinements for detection and analysis for all about the methodology, please call your Regional Board representative.

BAAQMD Bay Area Air Quality Management District Acknowledgment

सिंहिंग्डी हैं जिल्ला है जे प्राप्त

Bay Area Air Quality Management District acknowledges receipt of your Tank Removal/Contaminated Soil Excavation Notification Form received on

TAC



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET SAN FRANCISCO, CALIFORNIA 94109 (415) 771-8000

REJULATION 8, RULE 40

Aeration of Contaminated Soll and Removal of Underground Storage Tanks

NOTIFICATION FORM

Removal or Replacement of Tanks
Excavation of Contaminated Soil

SITE INFORMATION			
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744 STREET EMPRYUIL CA 94668 TONTAMINATED SOIL EXCAVATION			
CONTAINING			
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ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):			
(MAY REQUIRE PERMIT)			
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CTOR INFORMATION			
CONTACT John Pauett III			
T. PHONE (510) 732 - 7888			
94545			
TANT INFORMATION			
(IF APPLICABLE)			
CONTACT ROBERT F. FBRY ROP			
PHONE (6/0)			
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BY park			
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DATE 9-14-44 BY LAG			
- (int.)			
DATE			
DATA ENTRY 9/14/94			



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET SAN FRANCISCO, CALIFORNIA 94109 (415) 771-6000

REGULATION 8, RULE 40

Aeration of Contaminated Soil and Removal of Underground Storage Tanks

NOTIFICATION FORM

Removal or Replacement of Tanks
Excavation of Contaminated Soil

SITE INFORMATION				
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[] VENTILATION	'			
	ted by client who will be in appeal on that day			
CONTRACTOR INFORMATION				
NAME MARCOR CONTACT John Praett TI				
ADDRESS 2601 barrington (+ PHONE 510) 732-7888				
CITY, STATE, ZIP HANARD, CA	_ _			
CONSL	JLTANT INFORMATION (IF APPLICABLE)			
NAME MARCOR	CONTACT ROBERT F. Flory ROF			
ADDRESS 2601 Backington Ct	PHONE (510)			
CITY, STATE, ZIP_ HOR WORKS	A 94545			
FOR OFFICE USE ONLY				
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DATE POSTMARKED	ву			
	(init.)			
CC: INSPECTOR NO.	DATEBY(init.)			
UPDATE: CONTACT NAME				
BAAQMD N #	DATA ENTRY			

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CITY OF EMERYVILLE PUBLIC WORKS DEPARTMENT (510) 596-4330 2200 POWELL ST., 12TH FLR. EMERYVILLE, CA 94608

(10-93 THIS SUPERSEDES ALL PREVIOUS FORMS)

SOFERSEDES ALL PREVIOUS FORMS)					
DATE 8/94 PERMIT NO 94-?					
COMPANY CLEAR PRINT PAPER COMPANY / ATTN. MARCOR THE					
COMPANY CLEAR PRINT PAPER COMPANY ATTN. MARCOR TINC. CONTACT PERSON JOHN PRUETT PHONE NO. (510) 132-788					
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TO START OF WORK BE REPLACED PLAN REQUIRED					
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NOTE: IF SUBCONTRACTOR IS TO DO WORK, PROOF OF ADEQUATE INSURANCE MUST BE PRESENTED PRIOR TO START OF WORK OR THIS PERMIT IS VOID.					
OR INSPECTION UPON COMPLETION OF WORK, PLEASE CALL JUAN ARREGUIN AT (510) 596- 33. PLEASE REFER TO THE PERMIT NUMBER LISTED ABOVE.					
FOR REFUNDABLE DEPOSIT UPON ENGINEER SIGN-OFF, PLEASE CALL KATHLEEN WALLS AT (510) 596-4336. PLEASE REFER TO THE PERMIT NUMBER LISTED ABOVE.					
SPECTION COMPLETED BY					
FUNDABLE DEPOSIT RETURNEDBY					

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FOR INSPECTIONS CALL 596-4315 24 HRS. PRIOR TO INSPECTION

FIRE DEPARTMENT CITY OF EMERYVILLE **USE ONLY** FIRE DEPARTMENT 6303 HOLLIS STREET 0894-01 EMERYVILLE.CA..94608 (PERMIT NUMBER) (510) 596-3750 Application Received: APPLICATION AND PERMIT Date: 6-8-94Signed: THIS APPLICATION IS YOUR PERIAIT WHEN PROPERLY FILLED OUT. SIGNED, VALIDATED AND FEES PAID. EFD Permit Type(s) : PULL ADDRESS: 1482 67TH STREET EMERYVILLE CA. (see reverse) BUSINESS NAME: LEAR PRINT PAPER CO Expanation Date: COMOS. FROM Date of 18540 CONTACT PERSON: TOTAL FEES DUE: TELEPHONE NUMBER : (510) 652-4762 MAKE CHECK PAYABLE TO THE CITY OF EMERYVILLE. DESCRIPTION OF OPERATION: FEES ARE ESTABLISHED THRU THE UNDERGROUND TANK REMOVAL CITY OF EMERYVILLE MASTER FEE SCHEDULE ADOPTED JUNE 1, 1993. COPY AVAILABLE ON REQUEST. Occupancy Group/Division: APPLICANT READ AND SIGN BELOW: (per UBC Table 5A) I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO OCCUPANCY TYPE: COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS THAT Assembly Commercial 📙 RELATE TO THIS PERMIT. I HEREBY AUTHORIZE REPRESENTATIVES Educational Industrial OF THE CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY TO Residential 🗍 H-class VERIFY COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT, AT ANY REASONABLE TIME. Specify: Other ■ Building Owner Business Operator JOHN PRUE TE JU Date of Application : AUG. 2 1994 This permit must be available for inspection at all times

REVOCATION OF PERMIT

THE CHIEF IS AUTHORIZED TO SUSPEND/REVOKE A PERMIT WHEN THE CHIEF HAS DETERMINED THAT SECTION 4.107, 1991 UFC HAS BEEN YIOLATED.

POSTING OF PERMIT

PERMIT(S) SHALL BE KEPT ON THE PREMISES DESIGNATED AT ALL TIMES AND SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME BY ANY PERSON(S) WHO ARE AUTHORIZED BY THE CHIEF OF THE EMERYVILLE FIRE DEPARTMENT.

DATE	INSPECTION NOTES/COMMENTS	INSPECTOR
18-1-94	EPD requires min 48-hr. CONFIRMED motice	
· · · · · · · · · · · · · · · · · · ·	prior to inspection/removal; also, a signed	
	and approved Mosice Plan from Alameda,	, <u>.</u>
	County Dept. of Environ. Health is required	
	(Proof of possession) prior to EFD permit issue	GN
B-8-011	100 k# 1271: #500.00	OW
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CITY OF EMERYVILLE INSPECTION SERVICES DEPT. 2200 POWELL STREET, 12TH FLOOR



	EMERYVILLE, CA 94608	WRITE IN TH		Permit Number	
	(415) 596-4310	E E			
		3	Application Received		
	APPLICATION AND PERMIT	ğ	Date Sign Permit Issued	ned	
	THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED,	8			
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ğ	ADDRESS 2601 Barrington Court	DESCRIPTION-VALUATION	Garage Corpo	ort# Bedn	ooms # 8aths
7	GIY Hayward CA St. 94545 510-732€7888	13	Building Serbacks		
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	The state of the state of the state of the following region [Sec.	1 2			
-	7031.5, Business and Professions Code: Any city or county which requires a permit to construct, other, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant	Į Ž	Occupancy Group and Division (Per USC Table 5A)	on	Type (Per UBC Toble 17A)
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	penalty of not more than 3,300). It is sowner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or aftered for sale (Sec. 70.44, Business and	. "	sprinklers, elevator equipment them	ein and Thereon.)	
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5	that such improvements are not interested or officer of sales will have the burden of proving ment is sale within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale)	1 2	3	Plan Check	☐ Electrical
¥	L as owner of the property, an exempt from the sale requirements of the above due to: (1)		1	☐ Mechanical	☐ Insulation
8	In or owner of the property, an exempt from the state requirements of the work will be a lon improving my principal place of residence or appurtenences thereto. (2) the work will be performed prior to sole, (3) I have resided in the residence for the 12 months prove the other three	2	.1 =	□ Sign	□ Pool/Spa □ Other
	of the work, and (4) I have not claimed exemption in this subdivision on more from two structures	7		Grading	
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1	the project (Sec. 7044, Business and Professions Code, the Contracts of such projects apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law).				
1	1 am exempt under Sec		anning Approval-Date	Fire Dept. Ap	proval-Date
i i					
	Signature Date		ealth Dept Approval-Date	Final Approv	al-Date
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SALLY WOOKER'S	Signature Date 8.1.94		Filing		
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1	MOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject by the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such	h	Plumbing		
L	is provisions or this permit shall be deemed revoked.		Mechanical		
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CITY OF EMERYVILLE INSPECTION SERVICES DEPT. 22



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۷,	EMERYVILLE, CA 94608	Ξ		Permit Number	<u> </u>
	(415) 596-4310	III.			
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	APPLICATION AND PERMIT		Doil	I Signed 1	
	THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED,	8	Permit Issued	Signed	
46	SUIDING ADDRESS 1182. Grant to the transfer of	1000	Date Single Family	☐ New	Grading:
ď	TRACT TOT APPLICATIONS		Aparlment Condominium	Addition Alteration	Excavation
V	THE IN THE PROPERTY OF THE PRO		Commercial	Repair Improve	Fill Drainage
ĵ	ADDRESS MASS ("L'AM SOLICIES" SIPPONE - 2-116.2	綴	Public Building Accessory	☐ Oiher	Other
ŠĬ,	SY 7IP.		Other		
16. V	UCENSE .	18		Describe Briefly All Proposed C	onstruction Work
Ž	ADDRESS PHONE		MOTALL	12 (2000) (3)	LLIOH ABOVE
Š	ST ZIP	100	Circorn	STOPALE T	Mr 15
J.	I thereby office that I am brented under provisions of Chapter 9 (commencing with		11 11	estra Cin	
ķ	Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.		1801 1. 131	1:3-1:3-1	`
Į,	L A ASB B.C2 HAZIJAT				
٠ ار	UCENSE CITY AUSINESS,		New Building Floor Area	(\$q. FL)	
Ž:	CONTRACTOR STATES OF CALIFORNIA	N.X	lst	2nd3rd	Total
Ş	ADDRESS 2001 FARRENGIOLI CONKI		Gorage	Carport # Be	drooms # Baths
X	CITY TO A MONTH STORY OF THE PROPERTY OF THE P		Building Setbacks		
ş.	SIGNATURE DATE	Jis.	Front	Rear Left	Right
Ÿ	Thereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct.	酒	Occupancy Group an	nd Division	Туре
Ŷ.	olier, improve, demolish, or repoir any structure, prior to its issuance, also requires the appropriate that he is licensed pursuant to the provisions of the	132	(Per UBC Table 5A)		(Per UBC Toble 17A)
ķ.	Contractor's License Low Chapter 9 (commencing with Sec. 7000) of Division 3 of the business	ůŞ.			
t	Any violation of Section 7031.5 by any opplicant for a permit subjects the applicant to a civil		Valuation of Proposed W	ork \$	lation, water supply, plumbing, electrical, fi
٩	t as owner of the property, or my employees with wages as their sole compensation, will be the structure is not intended or affected for sole (Sec. 7044, Business and	纝	sprinklers, elevator equip	ment therein and thereon.)	and the second s
Ž.	Professions Code: The Contractor's License Law does not apply to an owner of property who builds	113	THIS PERMIT SHALL	50/50	
岩	or improves linered, and word does such military to the high provening that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving		☐ Building	COVER: ☐ Plan Check	☐ Electrical
₹	I that he did not build or improve for the purpose of sale.	1	Plumbing	☐ Mechanical	[] Insulation
ξ	I om improving my principal place of residence or appurtenances thereto, (2) the work will be	15	Solor □	☐ Sign	☐ Pool/Spa
Ò	performed prior to sole, (3) I have resided in the residence for the first house of the first of the work, and (4) I have not claimed exemption in this subdivision on more than two structures more than acceptance of the first of the work, and Professions Code, more than social days three-year period, (Sec. 7044, Business and Professions Code).		□ S.M.I.P.	☐ Grading	Other
ħ	by more than once during day three-year period, (Sec. 7044, Business and Property, and exclusively contracting with licensed confractors to construct EL as owner of the property, and exclusively contracting with licensed confractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Low does not the project (Sec. 7044).	100	<u> </u>	DO NOT WRITE BELO	W THIS LINE
9	the project (Sec. 7044, Business and Protessions Code. The Continuous Contracts for such projects apply to an owner of property who builds or improves these on, and who contracts for such projects with a contractor(s) (censed pursuant to the Contractor's License Law).	1			1.1.1
ž	I I om exempt under Sec	=	onning Approval-Date	fire Dept.	Approval-Date
¥			1	$Y_{i_1,\ldots,i_r}^{i_1,\ldots,i_r}$	", i) - "(i)! - "
F	Signolute Date	_ ¥	ealth Dept Approval-Date	Final Appr	oval-Date
ě	I hereby offirm that thave a certificate of content to tell-insure, or a certificate of Workers' Compensation insurance. To a certified copy thereol (Sec. 3800, Lab. C).	5	pecial anditions.		
ŧ	Policy 221151 CH Name WARLOK	1			
Ŝ	Certified copy is hereby furnished. Certified copy is filed with the city building inspection department.	\	oriance Date	Uta Per	mil Date
ķ	A U Certified copy is filed with the city building inspection department. Date Date	F	· · · · · · · · · · · · · · · · · · ·	PER	WIT FEES
\$	(This section need not be completed if the permit is for one hundred dollars (\$100) or less.)				7 6.61
Ŷ	I work for which this permit is issued. I shall		Building	17	<u> </u>
K)	not employ any person in any manner so as to become subject to the workers of Compensation Laws of Colifornia.		Plan Check	· <u> </u>	/,/,/,/ /
Š	Signalure Date		Filing	·	
ß			Electrical		
Į,	NOTICE TO APPLICANT: If, offer making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such		Plumbing		
÷	provisions or this permit shall be deemed revoked.	_	Mechanical		
e			Insulation	 	
	id certactio		Fire		
**	ADDRESS. CERTIFY THAT THAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN	<u>.</u>	Troffic	<u> </u>	
ý	IS TRUE AND CORRECT, I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION AND I MAKE THIS STATEMENT UNDER	:	School		
Ý	PENALTY OF LAW, HEREBY AUTHORIZE REPRESENTATIVES OF THIS CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES, NOTICEIL THIS PERMIT THE ABOVE MENTIONED PROPERTY FOR INSPECTION PURPOSES, NOTICEIL THIS PERMIT	;	S.M.I.PSB1374		1
ï	WILL EXPIRE BY LIMITATION IF WORK IS NOT STARTED WITHIN 180 DAYS OR IF WORK IS NOT STARTED WITHIN 180 DAYS OR OVER ANY CON ABANDONED FOR MORE THAN 180 DAYS. DO NOT CONCEAL OR COYER ANY CON	. 1			
į	ABANDONED FOR MORE HAIN 1809 PORTS IN INSPECTION IN RECORDED ON THE STRUCTURE OF THE WORK IS INSPECTED AND THE INSPECTION IS RECORDED ON THE FIELD CARD ISSUED FOR THIS PERMIT, ALL INSPECTION REQUESTS ARE REQUIRED 24 HOURS		Grading	•	
ç	EN ADVANCE OF THIS INSPECTION. I hereby agree to save, indemnify and keep harmless the City of Emergyulle, and its officers.	. 1	Annexation		
3	employees and agents against all abbillies, judgments, costs and expenses which may accruing employees and agents against all abbillies, judgments, costs and expenses which may accruing a employees and agents against the consequence of the granting of this permit or from the use or accupancy of the consequence of the granting of this permit or from the use or accupancy of the consequence of the granting of this permit or from the use or accupancy of the consequence	i	Sewer Connection		
X	against the City in consequence of the graning of the period of the control of th	'	Community Develop	omen!	
ä	☐ Confractor X Signoture of Contractor Owner or Agent	1	Grawth Impact Fee		
だがは、ないのでは、これでは、これでは、これでは、これには、これには、これには、これには、これには、これには、これには、これに	Signature of Contractor Owner or Agent				
į,	Agent for Contractor Owner	- 1			
ű	Address of Agent	1			1
114720	Addess of Agent Addess of Agent Addess of A	Ė	Total		·

3 INSPECTOR DISTRIBUTION

ABOUT GROUND FILL OUT	_				
CITY OF EMERYVILLE FIRE DEPARTMENT 6303 HOLLIS STREET EMERYVILLE,CA.,94608 (510) 596-3750	FIRE DEPARTMENT USE ONLY (PERMIT NUMBER)				
APPLICATION AND PERMIT	Application Received :				
THIS APPLICATION IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED AND FEES PAID. ADDRESS: 1482 67th STREET, Eneryvelle, CA. BUSINESS NAME: CLEAR FIZHT PAPER CO. CONTACT PERSON: EARL MAN TELEPHONE NUMBER (510) 652 - 4762 DESCRIPTION OF OPERATION: ABRUE GROUND TANK INSTALLATION APPLICANT READ AND SIGN BELOW: I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS THAT RELATE TO THIS PERMIT. I HEREBY AUTHORIZE REPRESENTATIVES OF THE CITY TO ENTER UPON THE ABOVE MENTIONED PROPERTY TO VERIFY COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT, AT ANY REASONABLE TIME. Building Owner Published Conditions of This PERMIT, AT ANY REASONABLE TIME. Building Owner Published Conditions Of This PERMIT, AT ANY REASONABLE TIME.	Date: Signed: Permit Issued. Date: Signed: EFD Fermit Tupels): Install one (see reverse) 5 K-AG trunk Expiration Date: TOTAL FEES DUE: 12500/Tenk MAKE CHECK PAYABLE TO THE CITY OF EMERYVILLE. FEES ARE ESTABLISHED THRU THE CITY OF EMERYVILLE MASTER FEE SCHEDULE ADOPTED JUNE 1, 1993. COPY AYAILABLE ON REQUEST. Occupancy Group/Division: (per UBC Table 5A) OCCUP ANCY TYPE: Commercial Assembly Industrial Educational Residential H-olass Other Specify:				
THIS PERMIT MUST DE AVAILABLE FOR INSPECTION AT ALL TIMES					
PEYOCATION OF PERMIT THE CHIEF IS AUTHORIZED TO SUSPEND/REVOKE A PERFITT DETERMINED THAT SECTION 4.107, 1991 UFC HAS BEEN Y POSTING OF PERMIT PERMIT(S) SHALL BE KEPT ON THE PREMISES DESIGNATE SHALL BE AVAILABLE FOR INSPECTION AT ANY TIME BY ANY ARE AUTHORIZED BY THE CHIEF OF THE EMERYVILLE FIRE	/IOLATED. D AT ALL TIMES AND Y PERSON(S) WHO				
DATE INSPECTION NOTES/COMMENTS	INSPECTOR				

TO

915107329055

State of California Department of Industrial Relations Division of Occupatonsi Safety & Health

PERMIT APPLICATION FORM

Buildings Structures Scaffolding Falsework Demolition Trenches Excavations

Section. 6500, 6501 and 6602 of the California Labor Code require that certain activities, which by their nature involve substantial risk of

review, information necessary to evaluate the safety of the workplace subject to permit requirements. A permit will not be

Type Type of Permit Sought: X Annual Multiple Project, (If projects covered are similar in	ger 510-732-7888
Address: 2601 Barrington Court Hayward, CA 94545 Phone: 510-732-7888 Check Applicable Items: Applicant is: X General Building Contractor X General Engineering Contractor Type Type of Permit Sought: X Annual Multiple Project, (If projects covered are similar in	ger 510-732-7888
Hayward, CA 94545 Phone: 510-732-7888 Pac 510-732-9055 Check Applicable Items: Applicant refers to contractor or knowledgeable representative in a pof authority and responsibility for the activity covered by this permit type Type of Permit Sought: X Annual Annual Multiple Project, (If projects covered are similar in	tive in a position this permit.
Phone:	itive in a position this permit.
Applicant is: X	this permit.
Type of Permit Sought: X Annual Specialty Contractor Type Multiple Projects (If projects covered are similar in	Other
Type Type of Permit Sought: X Annual Muhiple Project, (if projects covered are similar in	Other
X Annual Multiple Projects (If projects covered are similar in	
Single Project aspects, work is performed by the same employer Temporary Permit (Plan Check Only) information concerning each project is provided)	e employer and
'or: Construction of: Building Structure	
Scaffolding	
Falsework and/or Vertical Shoring	
Demolition of: Building Structure	
X Trench and/or Excavation	

- Annual Permits describing the new groject prior to the start of work preferably at least one week in advance of the start-up date.
- 2) The applicant has implemented a written injury and Illness Prevention Program and Code of Sale Premises which meet the requirements of 8 CCR Sections 1509 & 3203,
- 3) The Division will be notified of significent changes in information provided with the application if such changes might affect the safety of the authory.
- 4) The applicant for a Trench and/or Excavation Permit shall designate a competent person in accordance with the requirements of 8 GCR 1504, 1541 and 1541.1. for each Trench and/or Excavation project.
- of the Department of Industrial Relations (California Labor Code Section 6500 et. Seq. and 8 CCR 341)

Is the applicant conducting any activities to be covered by this Permit Application Form, as a partnership or joint venture with any other persons or corporations conducting activities requiring permiss? Yes No. A. If yes, give details

Have any permits for any project to be severed by this parmit applicant previously been applied for er obtained? Yes ____ No __ in where came _ from what district office

DIVISION USE ONLY	I hereby certify that to the best of my knowledge all information and assertions made on the
• .	Permit Application and/or Activity Notification Form are true and correct and that tribe
· >9	applicant have knowledge of and will comply with the foregoing.
Paid	Signature: Limethy Miller
Approved	Signature: Amothy MIVIL
Conference	Title: President

HV - 2 TO - 000 - 002:

FHGE:

Post-It "brand fax transmittal memo rott # of pages > 2

To Jerry Greer From Lather Walls

Co. Marcin Phone # 596-4336

Fex * 732 5055 Fex # 158-8095

REMARKS:

\$150, fee required for standard Encroachment Permit, and \$1,000. Performance Bond or \$1,000. (*refundable) check in lieu of Performance Bond must be received prior to start of work.

Contractor must keep the area open to pedestrian and vehicular traffic and shall notify the City at the start of construction and during the construction procedure to make inspections.

Contractor shall have a reasonable time period to complete the construction, as approved by the City. A reasonable time period is one week. If the contractor does not complete construction within time allowed, the City will take steps to complete same and charge cost of completion to contractor. *Cost will be deducted from check and balance returned to contractor.

To all utility companies such as Pacific Gas and Electric, EBMUD and Pacific Bell the permit to excavate in City streets is only effective for three weeks. Counting days will commence at the permit issue date and after said three weeks the permit is no longer valid. Utility companies would need to obtain another permit prior to commence any other work within the City.

CITY OF EMERYVILLE

BUILDING DIVISION PAYMENT FORM

DATE: 7 - 28 -94
TO: FINANCE DEPT.
TO: FINANCE DEPT.
FROM: BUILDING DIVISION
PAYMENT FOR: flan (W)
TOTAL AMOUNT: 160 50
FROM: ENVironnental (mhacici,
ADDRESS &/OR PERMIT NO. 1487 67th 51.
BUILDING DEPT. APPROVAL:
white - building div. vellow - payor pink - finance

Pacific Gas and Electric Company

East Bay Division 4801 Oakport Street Oakland, CA 94601

08-09-94



RECEIVED AUG 1 2 1994

MARCOR Attn: JERRY GREEN 2601 BARRINGTON CT HAYWARD, CA 94545

Dear Sir or Madams

 $lacksymbol{ullet}$ Thank you for notifying PG&E of your intent to work in the vicinit of our underground facilities. Information about the location(s) is or will be provided by surface markings at the work site. The message which we received from USA indicates work will be done for Ticket #254925-00 in the vicinity of:

Stroot Address:

1482 67TH ST

between

VALLEJO ST

HOLLIS ST

WRK AT THE CLEARPRINT PAPER FACTORY (VALLEDO & 6711 1000 TH) -ER CLEY)

we will exercise due care to ensure that our markings are as countered and accurate as reasonably possible. As you can appreciate, includes of underground installation and construction within the are corners as to the absolute accuracy of surface marcings. The sevence to location or underground facilities can only be determined a your words however hand-eiggany in complaince with California hove now to cose Secretor azió, end Calzosme Construction Se etv Orders. Article of and federal-A Committeetion Safety and Hearth Standards, Subpers &.

would like to emphasize the requirements to loniart the corrections regional pot fidation center (Underground Service Glert, a.e.c. 196). at least two working days prior to the stort or ectual excapation and to delineate with white paint or other surrence markings the cree of be excavated a specified in Catifornia Government Code Sections 4216.2(and) and 4216.2(@).

We call your attention to Section (500 [20(1) of the Constitution Safety Orders (Title 8. California edministration Cone Section (340), issued by the Odcupational Safety and Health Standards Poars, pursuant to the (altromage Occupation Safety and real in Act of 1973, which s tates:

"Frior to opening an excavation, effort shall be made to determine whether underground installations (i.e., sewer, water, feel, electric lines, etc.) will be encountered end. if so, where such underground installations are tocated. When the excavation approaches the approximate location of such an installations. the exact location shall be determined by careful probing or hand-daggangs and, when it is uncovered, adequate protection shall be provided for the existing installation. All known owners. of underground facilities in the area concerned shall be advised of proposed work at least 43 hours (2 working days) prior to the start of actual excavation." (Call USA toll Tree 900-642-2444.)

Any further information you may desire may be obtained by contacting Denise Lee at 437-2211 (Gas Mapping).

Sincerely.

BILL GISSTH

Capital fromstment Ourector

PDL:la

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 \mathcal{K}

08-22-94

RECEIVED AUG 2 4 1994



MARCOR 2601 BARRINGTON HAYWARD, CA 94545

Dear Customer,

Thank you for notifying us through Underground Service Alert (USA) of your intent to work in the vicinity of our underground facilities. Surface markings have been, or will be, provided at the work site.

Pacific Gas and Electric Company exercises due care in making these surface markings as complete and accurate as reasonably possible. However, because of the nature of underground construction, the precise location of underground facilities can only be determined by you through careful probing or hand digging in compliance with Article 6 of the California Occupational Safety and Health Administration (Cal/OSHA) Construction Safety Orders.

USA markings are considered valid for only 14 days; therefore, please renew your request with USA every 2 week period until the project is complete. We would like to emphasize the requirement for notifying USA at least two working days prior to the start of the actual construction.

If you have any questions concerning USA, please call Don Baker at (510) 784-3227.

Thank you for your cooperation.

Sincerely,

KAREN SPENCER
DIVISION GAS ENGINEER

ITEM #12 MATERIAL SAFETY DATA SHEETS FOR UNDERGROUND STORAGE TANKS

Witco MATE	RIAL SAFETY D	ATA SHEET		PATING TREME	fm 🔨
	OUCT380 P.O.		F HIC	H STARBO	0 0 Assertivity
			1 - SLI 0 - INS	GHT TORE HGNIFICANT	
WITCO MANUFACTURING DIVISION OR	SUBSIDIARY			F4.4579.44.44.44	
1 Sonneborn Division				MANUFACTURES	EPHONE (504)
ADDRESS INUMBER. STREET, CITY, ST.		P.O. Box 308 Gretna, LA. 700	54	CHEM TREC 1-18	001424-9300
CHEMICAL NAME OR FAMILY		FORMUL	A m	ix of liquid	hydro-
3 White Mineral Oil,	USF	[4] car	bons r	efined from	petroleum.
SECTION H - CHEMICAL AND F HAZARDOUS DECOMPOSITION PRODU	Aysicat Properties	CHEMICAL		PHYS	CAU
2		tad	FO	AM Yiscous	liquid
Upon combustion, CO	2 and co are genera	rea.		L OR	
incompatibility (KEEP AWAY FROM) Keep away from flam	e, heat (150°F max.), and strong	8	None PEARANCE	
6 Oxidizing agents.			10		s liquid
	TEDIEN 15		CC	LOR None	
None			SF	ECIFIC GRAVITY T	<1.0 @ 15°C
			12	WATER = 1) BOILING PT.	
SECTION IN "FIRE AND EXPLO SPECIAL FIRE FIGHTING PROCEDURES	SION DATA	FLASH POINT (METHOD USE	(0)	IBP	> 230 °c > 450 °e
Self-contained brea	thing apparatus is	ASTM D-92	13	MELTING PT.	
recommended for fir	efighters. Water-	26 > 176 -c > 350		_	NA °c
spray must be used prevent spread of f	with caution to lames.	NDA 27 LOWER UPPER	14		NA of
UNUSUAL FIRE AND EXPLESION HATA		EXTINGUISHING AGENTS		SOLUBILITY IN WATER	
None MAR 13	qqn	E DRYCHEMICAL E CO.	, –	17 <u>25</u> ∘c	<u>Negligible</u>
		WATERSPRAY X FOAT	HTH C	% VOLATILE	Nil @ 25°C
25 Ans'd	444	28 C OTHER	16	(BY WT %)	471 6 23 6
BECTION IV HEALTH HAZARI	ZDATA)		-		Nil @ 25°C
PERMISSIBLE CONCENTRATIONS (AIR)			17	VAPOR PRESSURE	<.5mm
See Section IX - C	DMMENIS.		19	(mm Hg at 20 °C)	
EFFECTS OF OVEREXPOSURE			18	VAPOR DENSITY (A)R = 1)	NA
NDA NDA	4			pH AS IS	<u>NA</u>
TOXICOLOGICAL PROPERTIES			20	pH(1	
NDA NDA EMERGENCY FIRST AID PROCEDURES		1		STRONG ACID	
32 Eyes - Flush with wat	an If innitation	Aviete sameult		STRONG BASE	
a physician.	er. Tr turicarion	EXISTS COURTE		UNSTABLE	
33 SKIN CONTACT - NA			21	I	
				VISCOSITY SUS	≪ 100 0 100 0R ⊅ X'
FINHALATION - NA			22	AT 100°F	معتصر بوجوسود كديدار سدرجو بسدسة الاستانة التكويلون
			23	CAS #804	42-47-5
35 F SWALLOWED - Call a	physician.				
NA - NOT APPLICABLE	NDA = NO DATA AVA	ILABLE <=	LESS THAI	N	> MORE THAN

\ -----

AA	iteo M	ATERI/ SAFET	Y DATA SHEET	ODUCT 380 F	.0.
ECTI	on'y = special pi	ROTECTION INFORMATION			
VENTIL	LATION TYPE REQUIRED	(LOCAL, MÉCHANICAL, SPECIAL)		PROTECTIVE GLOVES	1
	NA			36 None	
 1	מיו			EYE PROTECTION	
16 PIP	ATORY PROTECTION (S	PECIFY TYPE)		Chemical s	plash goggles
		•		OTHER PROTECTIVE EQU	IPMENT
	NA			None	
17				40	
ECTH	ON VI - HANDLING	OF SPILLS OR LEAKS			
THUCE	•		11		
	Shut off lea	ik, dike up spills,	absorb with inert mate Hispose of in accordance	erial such as sa ca with Endomal	nd, earth State and
	local regula		itshase of the accordance	PG Mirit Lendigi?	atore and
41	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
WAST	E DISPOSAL				
	Use methods	consistent with Fed	deral, State and local	regulations.	
12			•	• • •	
ECT	ON VII — SPECIAL F	RECAUTIONS			
		HANDLING AND STORAGE			
	Avoid heat	(150°F max.), flame	and oxidizing agents.		
43	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(100 1 1112/15) 3 1 12/10	THE SHALLING STANDS		
ÉCTI	ON VIII - TRANSPO	RYATION DATA	<u> </u>		
	UNREGULATED X	U.S. D.O.T. PAOPER SHIPPING N	AME		
44	BY D.O.T.	17 NA ·		. 4	
	REGULATED	U.S. D.O.T. HAZARD CLASS			I.D. NUMBER
46	BY D.O.T	AB NA	•		AN es
	RANSPORTATION	RO LABELIS) REQUI	RED		
	MERGENCY NFORMATION	50 NA 51 NA			
		FREIGHT CLASSIFICATION 52 Petroleum 011	NOTEN		
	CHEM TREC	SPECIAL TRANSPORTATION NO		· · · · · · · · · · · · · · · · · · ·	v.
46	1-(800) 424-9300	NA NA			
		4		<u> , , , , , , , , , , , , , , , , , , ,</u>	
SECT	This product i		hite mineral oil meeti	no the requireme	nts of the
	United States	Pharmacopeia XXII a	s well as the requirem	ents of the Food	l and Drug
	Administration	as per CFR 172.878	. If used in applicat	ions where a mis	t may be
94	generated, obs	erve a IWA/PEL of 5	mg/m ³ of mineral oil	mist (USHA and A	(CPIH).
	· · · · · · · · · · · · · · · · · · ·				
1	, ·		Adv		605-3911
SIGN	7	ier Coutras		egulatory Affair	2 /2 /22
AE.	A TO A CONTRACTOR OF THE PARTY	4, 1990 SENT TO AT		 	DATE 3/9/90
	SUPERSEDES Sept.	. 1984	Clear Print Pap		
į.			Emonuedila CA	04600	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.



Material Safety Data Sheet

SOLTROL® 10

PHONE NUMBERS

PHILLIPS 66 COMPANY A Subsidiary of Phillips Petroleum Company Bartlesville, Oklahoma 74004 Emergency:
Business Hours (918) 661-3865
After Hours (918) 661-8118
General MSDS Information:
(918) 661-8327

A. Product Identification

Synonyms: Mixture
Chemical Name: Mixture
Chemical Family: Isoparaffins
Chemical Formula: Mixture
CAS Reg. No.: Mixture
Product No.: AP0100

Product and/or Components Entered on EPA's TSCA Inventory: YES

B. Hazardous Components

Ingredients	CAS Number	By Wt.	osha Pel	ACGIH TLV
2.2.4-Trimethylpentane Related c7 and c8	540-84-1	. 70	NE	NE
Isoparaffins	NA	30	NE	NE

C. Personal Protection Information

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required unless needed to prevent

respiratory irritation.

Eye Protection: Safety glasses with side shields or face shield

if splashes could occur.

Skin Protection: Rubber, neoprene or vinyl alcohol gloves.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

NA - Not Applicable NE - Not Established

D. Handling and Storage Precautions

Avoid inhalation and skin and eye contact. Wear protective equipment and/or garments as described in Section C if exposure conditions warrant. Wash hands before eating, drinking or smoking. Store in a cool, dry, well-ventilated area. Protect from sources of ignition. Provide means of controlling leaks and spills. Bond and ground during liquid transfer.

E. Reactivity Data

Stability: Stable Conditions to Avoid: Not Applicable Incompatibility (Materials to Avoid): Oxygen or strong oxidizing materials.

Hazardous Polymerization: Will Not Occur Conditions to Avoid: Not Applicable Hazardous Decomposition Products: Carbon oxides

F. Health Hazard Data

Recommended Exposure Limits:

Phillips recommended exposure limit is 400 ppm.

Acute Effects of Overexposure:

Eye: May be mildly irritating.

Skin: May be mildly irritating.

Inhalation: May cause headache, dizziness, nausea, unconsciousness.

Inhalation LC50 > 15000 ppm (rats).

Ingestion: May irritate stomach and intestines. May be aspiration

hazard if swallowed resulting in pulmonary edema and

chemical pneumonitis.

Subchronic and Chronic Effects of Overexposure:

No known applicable information.

Other Health Effects:

Isoparaffinic hydrocarbons have caused injury in male rats only. No comparable human change is known.

Health Hazard Categories:

Aı	nimal	Human '		Animal	Human
Known Carcinogen Suspect Carcinogen Mutagen Teratogen Allergic Sensitizer Highly Texic			Toxic Corrosive Irritant Target Organ Toxin Specify - Lung-As	mpiration Hazard	<u> </u>

First Aid and Emergency Procedures:

Eye: Flush eyes with water for 15 minutes. If irritation develops, seek medical attention.

Skin: Immediately wash with scap and water. If irritation develops, seek medical attention.

Inhalation: Remove from contaminated air. If illness develops, seek medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Note to Physician: Gastric lavage using a cuffed endotracheal tube may be performed at your discretion.

G. Physical Data

Appearance: Colorless liquid

Odor: Mild

Boiling Point: 202-218F (94-103C)

Vapor Pressure: 2.1 psia (113 mm Hg) at 100F

Vapor Density (Air = 1): >1 Solubility in Water: Negligible Specific Gravity (H20 = 1): 0.7 at 60/60F

Percent Volatile by Volume: 100

Evaporation Rate (Ethyl Ether = 1): <1

Viscosity: Not Established

H. Fire and Explosion Data

16F (-9C) (TCC, ASTM D56) LEL - Not Established Plash Point (Method Used): Flammable Limits (% by Volume in Air): UEL - Not Established

> Dry chemical, form, carbon Fire Extinguishing Media: dioxide (CO2).

Shut off source. Use water fog Special Fire Fighting Procedures: or spray to cool exposed equipment and containers. Wear solfcontained breathing apparatus.

Flammable liquid. Protect from Fire and Explosion Hazards: sources of ignition.

I. Spill, Leak and Disposal Procedures

Precautions Required if Material is Released or Spilled:
Protect from ignition. Contain spill. Keep out of water sources and sewers. Absorb in dry, inert material. Refer to Section B and contact appropriate safety personnel for respirator requirements.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate under controlled condition or place in RCRA permitted waste management facility.

J. DOT Transportation

Shipping Name: Iscoctane

Hazard Class: Flammable Liquid

ID Number: UN 1262

Marking: Isocctane/UN 1262 Label: Flammable Liquid Placard: Flammable/1262

Hazardous Substance/RQ: Not Applicable

Shipping Description: Iscoctane, Flammable Liquid, UN 1262

Packaging References: 49 CFR 173.118 and 173.119(a)

K. RCRA Classification - Unadulterated Product as a Waste

L. Protection Required for Work on Contaminated Equipment

Wear protective equipment and/or garments as described in Section C if exposure conditions warrant. Contact immediate supervisor for specific instructions before work is initiated.

M. Hazard Classification

X	This product meets the Occupational Safe CFR Section 1910.1200	ne following hazard definition(s sty and Health Hazard Communicat));	i) as defined by ion Standard (29
<u>_</u>	Combustible Liquid Compressed Gas Flammable Gas Flammable Liquid Flammable Solid	Flammable Aerosol Explosive Health Hazard (Section F) Organic Peroxide	Oxidizer Pyrophoric Unstable Water Reactive
	Based on information	presently available, this produ	ict does not meet

N. Additional Comments

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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Material Safety Data Sheet

SOLTROL® 10

NOI

PHONE NUMBERS

PHILLIPS 66 COMPANY A Subsidiary of Phillips Petroleum Company Bartlesville, Oklahoma 74004 Emergency:
Business Hours (918) 661-3865
After Hours (918) 661-8118
General MSDS Information:
(918) 661-8327

A. Product Identification

Synonyms: Mixture
Chemical Name: Mixture
Chemical Family: Isoparaffins
Chemical Formula: Mixture
CAS Reg. No.: Mixture
Product No.: AP0100

Product and/or Components Entered on EPA's TSCA Inventory: YES

B. Hazardous Components

Ingredients	CAS Number	By Wt.	osha Pel	ACGIH TLV
2,2,4-Trimethylpentane Related 67 and 68	540-84-1	. 70	NE	NE
Isoparaffins	na	30	NE	NE

C. Personal Protection Information

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required unless needed to prevent

respiratory irritation.

Eye Protection: Safety glasses with side shields or face shield

if splashes could occur.

Skin Protection: Rubber, neoprene or vinyl alcohol gloves.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

NA - Not Applicable NE - Not Established

D. Handling and Storage Precautions

Avoid inhalation and skin and eye contact. Wear protective equipment and/or garments as described in Section C if exposure conditions warrant. Wash hands before eating, drinking or smoking. Store in a cool, dry, well-ventilated area. Protect from sources of ignition. Provide means of controlling leaks and spills. Bond and ground during liquid transfer.

E. Reactivity Data

Stability: Stable

Conditions to Avoid: Not Applicable

Incompatibility (Materials to Avoid): Oxygen or strong oxidizing materials.

Hazardous Polymerization: Will Not Occur Conditions to Avoid: Not Applicable Hazardous Decomposition Products: Carbon oxides

F. Health Hazard Data

Recommended Exposure Limits:

Phillips recommended exposure limit is 400 ppm.

Acute Effects of Overexposure:

Eye: May be mildly irritating.

Skin: May be mildly irritating.

Inhalation: May cause headache, dizziness, nausea, unconsciousness.

Inhalation LC50 > 15000 ppm (rats).

Ingestion: May irritate stomach and intestines. May be aspiration

hazard if swallowed resulting in pulsonary edema and

chemical pneumonitis.

Subchronic and Chronic Effects of Overexposure:

No known applicable information.

Other Health Effects:

Isoparaffinic hydrocarbons have caused injury in male rats only. No comparable human change is known.

Health Hazard Categories:

Aı	nimal	Human	•	Animal	Human
Known Carcinogen Suspect Carcinogen Mutagen Teratogen Allergic Sensitizer Highly Tóxic			Toxic Corrosive Irritant Target Organ Toxin Specify - Lung-Aspiration	X n Hazard	三

First Aid and Emergency Procedures:

If irritation Eye: Flush eyes with water for 15 minutes. develops, seek medical attention.

Skin: Immediately wash with soap and water. If irritation develops, seek medical attention.

Inhalation: Remove from contaminated air. If illness develops, seek medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

Gastric lavage using a cuffed endotracheal tube may Note to Physician: be performed at your discretion.

G. Physical Data

Appearance: Colorless liquid

Odor: Mild

Boiling Point: 202-218F (94-103C)

Vapor Pressure: 2.1 psia (113 mm Hg) at 100F

Vapor Density (Air = 1): >1

Solubility in Water: Negligible Specific Gravity (H20 = 1): 0.7 at 60/50F Percent Volatile by Volume: 100

Evaporation Rate (Ethyl Ether = 1): <1

Viscosity: Not Established

H. Fire and Explosion Data

Flash Point (Method Used): 16F (-9C) (TCC, ASTM D56) LEL - Not Established Flammable Limits (X by Volume in Air): UEL - Not Established

> Dry chemical, foam, carbon Fire Extinguishing Media:

dioxide (CO2).

Shut off source. Use water fog Special Fire Fighting Procedures: or spray to cool exposed equipment and containers. Wear solf-

contained breathing apparatus.

Flammable liquid. Protect from Fire and Explosion Hazards:

sources of ignition.

I, Spill, Leak and Disposal Procedures

Precautions Required if Material is Released or Spilled: Protect from ignition. Contain spill. Keep out of water sources and sewers. Absorb in dry, inert material. Refer to Section B and contact appropriate safety personnel for respirator requirements.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate under controlled condition or place in RCRA permitted waste management facility.

J. DOT Transportation

Shipping Name: Isooctane

Hazard Class: Flammable Liquid

ID Number: UN 1262

Marking: Isooctane/UN 1262 Label: Flammable Liquid

Placard: Flammable/1262
Hazardous Substance/RQ: Not Applicable

Shipping Description: Isooctane, Flammable Liquid, UN 1262 Packaging References: 49 CFR 173.118 and 173.119(a)

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N. Additional Comments

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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