5500 Shellmound Street, Emeryville, CA 94608-2411 Fax: 510-547-5043 Phone: **510-450-6000** 

# UNDERGROUND STORAGE TANK REMOVAL

at

10/19/94

New Century Beverage Company 1150 Park Avenue Emeryville, California

HAZXAT

prepared for

New Century Beverage Company 1150 Park Avenue Emeryville, CA 94608



# UNDERGROUND STORAGE TANK REMOVAL

at

# New Century Beverage Company 1150 Park Avenue Emeryville, California

prepared by

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608

WA Job # 14-0219-01

Jonathan C. Weingast Staff Geologist

John W. Duey Project Geologist

Weiss Associates work for the New Century Beverage Company, Inc., was conducted under my supervision. To the best of my knowledge, the data contained herein are true and accurate and satisfy the scope of work prescribed by the client for this project. The data, findings, recommendations, specifications or professional opinions were prepared in accordance with generally accepted environmental assessment practice. We make no other warranty, either expressed or implied.

Many I. Stalland for J. Jeffrey Root

Senior Project Manager

Registered Environmental Assessor No. 02567



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# **EXECUTIVE SUMMARY**

In approximately 1958, a 10,000 gallon steel fuel tank was installed at the New Century Beverage Company, Inc. at 1150 Park Avenue in Emeryville, California. The tank was used for gasoline until 1987, and for diesel fuel until 1993, when an underground fire sprinkler pipe ruptured nearby and the tank was taken out of service. On July 19, 1994, the tank was removed and sidewall soil samples were collected. The south end of the tank revealed the highest concentrations of total volatile hydrocarbons as gasoline (TVH-G) and TEH, at 170 parts per million (ppm) and 74 ppm, respectively.

Two fuel dispensers and abandoned product piping were also removed at this time. Soil samples collected adjacent to the abandoned piping dispensers contained up to 1,300 ppm TVH-G and up to 22,000 ppm TEH.

The Alameda County Healthcare Services Agency approved the backfilling of the excavation, which was completed on August 15, 1994.

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### 1. INTRODUCTION

This report describes the removal by Weiss Associates (WA) of one underground storage tank at the New Century Beverage Company facility located at 1150 Park Avenue, Emeryville, California (Figure 1).

# 1.1 Tank History

The 10,000-gallon, single-walled steel UST was located along the northwest side of the main building and fed two dispenser islands inside the building (Figure 2). Approximately one year ago, an underground break in the plant's high-pressure fire sprinkler system caused significant soil displacement and formed a cavity in the ground near the tank. Since personnel identified a potential for future damage to the tank system, the tank contents were removed and the tank was temporarily decommissioned at that time. According to plant personnel, the tank may have been installed when the building was constructed in 1958, contained gasoline until 1987, and contained diesel from 1987 until it was taken out of service in 1993.

# 1.2 Scope of Work

The scope of WA's work for removing the underground storage tank was to:

- Subcontract with a qualified general contractor to excavate, remove and dispose of the tank and associated equipment, backfill the tank pit and repair the concrete surface;
- Coordinate and observe the removal of the UST, product piping and dispensers, inspect the tank and piping, and document their condition;
- Collect samples of native soil from the excavation sidewalls at the water table;
- Collect samples beneath each of the two dispensers, and from beneath former product piping;
- Analyze the samples at a state-certified laboratory for total volatile hydrocarbons as gasoline (TVH-G), TEH as diesel, and benzene, ethylbenzene, toluene and xylenes (BTEX);
- Arrange and oversee backfilling, compaction and resurfacing of the excavation; and

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• Report the results.

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### 2. TANK REMOVAL

WA subcontracted Golden West Environmental Services, Inc., (GW) of Livermore, California, to remove the 10,000-gallon UST from the site. WA obtained a tank removal permit from the Emeryville Fire Department (EFD) and the Alameda County Healthcare Services Agency (ACHA).

### 2.1 Tank Removal Observations

On July 19, 1994, GW removed the 8-ft diameter by 27.5-ft long tank, which was buried about 5-ft below grade. The tank showed signs of minor corrosion; however, no holes were found during a detailed inspection. A tar paper coating was intact over most of the tank. GW transported the tank under hazardous waste manifest to Erickson, Inc., of Richmond, California for destruction. The hazardous waste manifest and Certificate of Destruction are included as Appendices A and B, respectively.

Depth to ground water, based on soil boring data from an earlier investigation, is about 10 ft below ground surface (bgs). Ground water accumulated in the excavation, but only to about 13 ft bgs on the day of the tank removal due to low permeability soils in this area. This ground water was pumped out on July 20 and disposed of at the Gibson recycling facility in Redwood City. Since an existing ground water monitoring well (MW-5) is located about 10 ft west of the tank, the ACHA accepted analytic results of ground water from the well in lieu of a grab sample from the excavation.

In addition to the tank, GW removed two fuel dispensers and all associated piping, including two sets of abandoned piping leading from the tank area to the south dispenser. About 15 ft of fiberglass piping was abandoned in place since it was underneath the building slab.

# 2.2 Soil Sampling

WA collected soil samples in accordance with state UST closure regulations and ACHA guidance. Since the excavation was below the water table, four soil samples were collected from the soil-water interface 10 ft below ground surface (bgs). Due to the proximity of an above ground propane storage tank, the sample from the northern sidewall (T-1) was taken from the northwest corner of the excavation.

As requested by the ACHA, WA collected a soil sample beneath each dispenser. The dispenser islands were constructed adjacent to structural beams for the building, which prevented WA from collecting native soil samples directly beneath the dispensers. Therefore, WA initially collected one sample of fill material from beneath each of the dispensers. These dispenser samples were also adjacent to the product piping (D-1(1') and D-2(1'), Figure 3). WA also collected two

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deeper soil samples (D-1(4') and D-2(3.5'), Figure 3) adjacent to the dispensers using a hand auger at an angle from outside the building. WA collected two additional samples from beneath the abandoned product piping (P-1 and P-2, Figure 3). WA observed discoloration and hydrocarbon odor in soil adjacent to the abandoned piping. All samples were analyzed for TVH-G, TEH and BTEX. The abandoned product piping sample P-1 was also analyzed for lead.

Each tank excavation sample was collected by driving a 2-inch diameter brass tube into soil removed by the excavator. Dispenser samples were collected by filling a brass tube with fill material from beneath each dispenser since no native soil was encountered. Secondary soil samples were collected using a hand auger to bore diagonally as close to the dispensers as possible. Product line samples were collected directly into brass tubes after uncovering the lines with an excavator and a shovel. All samples were immediately sealed with Teflon tape and plastic caps. Samples were placed in an iced cooler and transported under chain-of-custody protocols to Curtis & Tompkins (CT), a state-certified laboratory in Berkeley, California. Chain-of-custody documents are included with the analytic reports in Appendix C.

# 2.3 Analytic Results

CT analyzed all soil samples for TVH-G and TEH by EPA Method 8015, and for BTEX by EPA Method 8020. Analytic results are presented in Table 1, and analytic reports are included in Appendix C.

Tank excavation sample T-4, from the southern end of the excavation (Figure 3), contained 170 parts per million (ppm) TVH-G, 74 ppm TEH and 8.40 ppm total BTEX. In the other three excavation samples (T-1 through T-3), TVH-G concentrations were 5 ppm or less, TEH concentrations were 15 ppm or less, and total BTEX concentrations were 1.075 ppm or less.

Initial dispenser samples, from dispensers 1 and 2 at 1 ft bgs, contained 22,000 and 11,000 ppm TEH, 180 and 210 ppm TVH-G, and 4.56 and 7.32 ppm total BTEX, respectively (Figure 3). The secondary dispenser sample from near dispenser 1 at 4 ft bgs contained 1 ppm TVH-G, and no TEH at a detection limit of 1 ppm. The secondary dispenser sample from near dispenser 2 at 3.5 ft bgs contained 1,300 ppm TVH-G, 150 ppm TEH, and 142.51 ppm total BTEX.

Two samples (P-1 and P-2) were collected from beneath the abandoned product piping, at depths of 3 and 5 ft bgs, respectively. P-1 contained 120 ppm TVH-G, 110 ppm TEH and 2.34 ppm total BTEX. P-2 contained these same compounds at 170, 6.0 and 13.32 ppm, respectively. P-1 was also analyzed for lead and 13 ppm were detected.

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# 3. CHARACTERIZATION AND DISPOSAL OF EXCAVATED SOIL

# 3.1 Composite Sampling

All excavated soil was temporarily stored on site and covered with plastic sheeting pending analytic results. Four soil samples were collected from each 50 cubic yards (cy) of soil, and composited into one sample by the state-certified laboratory. Samples were collected in brass tubes from about one to two ft beneath the surface of the pile. All samples were analyzed for TVH-G, TEH, BTEX and lead. Analytic results are presented in Table 1, and analytic reports and chain-of-custody forms are included in Appendix C.

# 3.2 Analytic Results

TVH-G ranged from 2 to 25 ppm in the composite samples of the excavated soil. TEH concentrations ranged from 100 to 950 ppm. Total BTEX ranged from 0.010 to 0.146 ppm. Lead was not detected at a detection limit of 5 ppm. Based on these concentrations, the soil was acceptable at a Class III disposal site.

Laidlaw Environmental Services, Inc., transported all excavated soil, approximately 150 cy, to the Browning-Ferris Industries' (BFI) Vasco Road landfill, a Class III facility in Livermore, California. The BFI non-hazardous special waste manifests are included in Appendix D.

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# 4. EXCAVATION BACKFILLING AND SITE RESTORATION

## 4.1 Excavation Backfilling

The final excavation measured approximately 33 ft long by 13 ft wide by 15 ft deep. The bottom of the excavation extended about 3 ft below the water. Since hydrocarbon concentrations in soil samples around the tank did not indicate the need for overexcavation around the tank, on August 5 the ACHA approved WA's plan to backfill the tank pit.

To bring the bottom of the excavation to a level just above the water table, GW filled the bottom 3 ft with crushed rock, which was covered with a geomembrane. Thereafter, imported fill was compacted in 1 ft lifts using a track-driven front loader/tractor. A GW technician conducted density testing during backfilling operations under the supervision of a qualified GW engineer. The density testing confirmed that the backfill was compacted to an average density of 92.3% of its maximum dry density. Test results are included as Appendix E.

### 4.2 Site Restoration

After the excavation was backfilled, a new reinforced concrete pad was constructed over the backfill material to the same standards as the removed concrete.

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# 5. CONCLUSIONS

One 10,000 gallon steel fuel tank was installed in approximately 1958, and used for gasoline and diesel fuel. This tank was removed on July 19, 1994, and sidewall samples were collected. The highest concentrations of TVH-G and TEH at 170 and 74 ppm, respectively, were detected in soil from the south end of the tank. Two fuel dispensers and all associated piping, inleuding two sets of abandoned piping, were also removed. Discolored soil was observed adjacent to the abandoned product piping and up to 1,300 ppm TVH-G and 22,000 ppm TEH were detected in shallow soils collected near the dispensers and piping. The ACHA approved backfilling the excavation, which was completed on August 15, 1994.

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# **FIGURES**



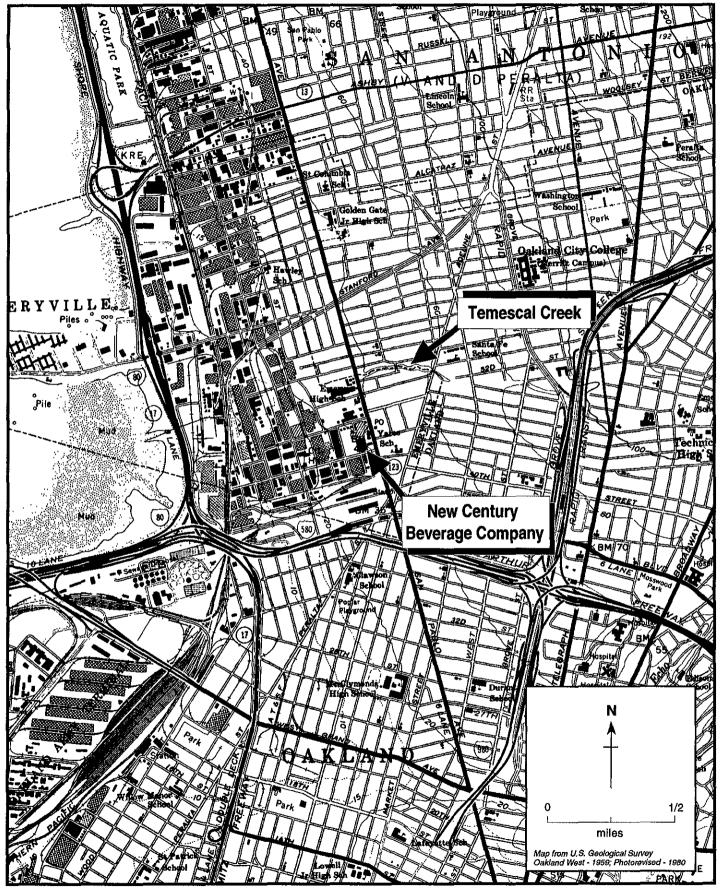


Figure 1. Site Vicinity Map - New Century Beverage Company, 1150 Park Avenue, Emeryville, California

PEPS-010

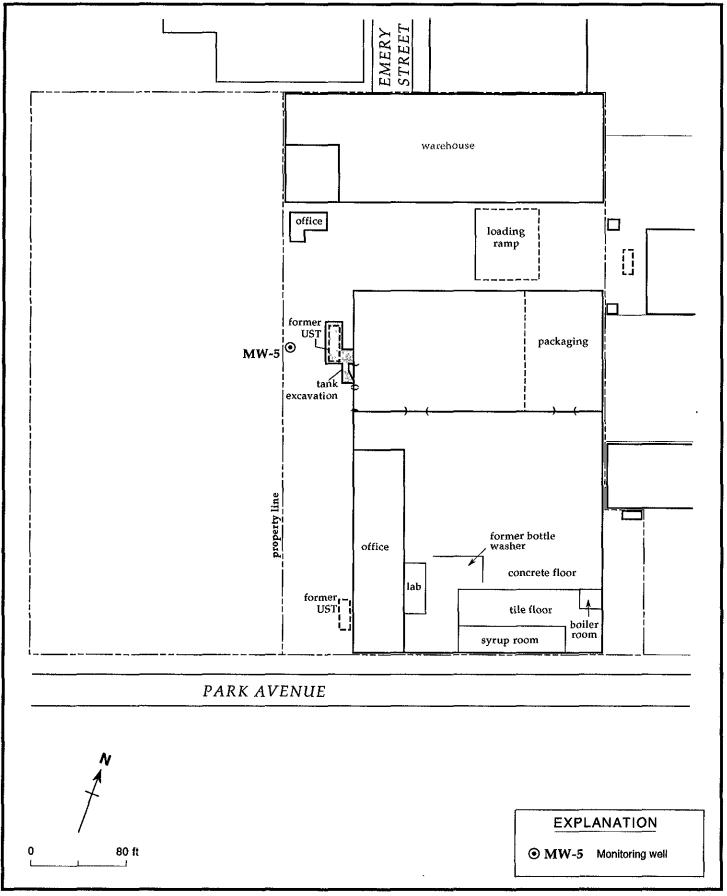


Figure 2. Tank Excavation Location - New Century Beverage Company, 1150 Park Avenue, Emeryville, California



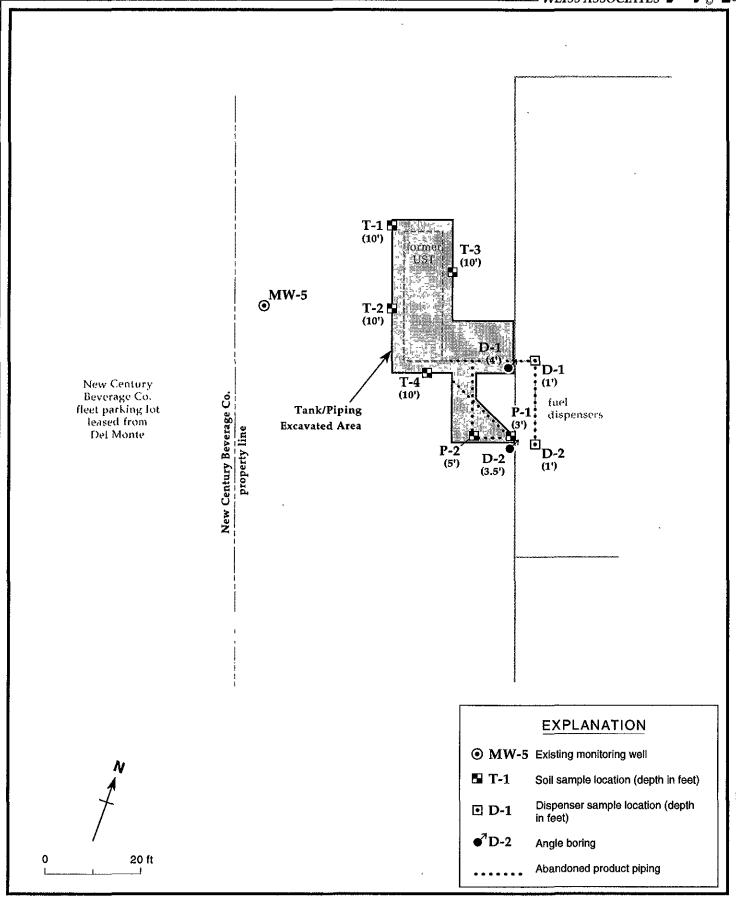


Figure 3. Underground Storage Tank and Piping Sampling Locations - New Century Beverage Company, 1150 Park Avenue, Emeryville, California

**TABLE** 

Table 1. Analytic Results of Soil Samples Collected During Underground Tank Removal, New Century Beverage Company, 1150 Park Avenue, Emeryville, California

Sample ID	Depth (ft)	Date Sampled	Sat/ Unsat	Analyte: EPA Method:	TVH-G 8015	TEH 8015	B 8020	E 8020 parts per milli	T 8020 ion (mg\kg)	X 8020	Lead 7420
Tank Exc	avation Samp	ples	· · · · · · ·								· · · · · · ·
T-1	10.0	07/19/94	Sat		<1	15 <sup>a</sup>	0.059	0.009	<0.005	0.019	
T-2	10.0	07/19/94	Sat		2.0	4.0	<0.005	0.007	<0.005	0.038	
T-3	10.0	07/19/94	Sat		5.0	9.0	0.14	0.015	0.19	0.87	
T-4	10.0	07/19/94	Sat		170	74.0	0.14 <sup>b</sup>	1.9	0.46	5.9	
Dispense	r Samples										
D-1	1.0	07/19/94	Unsat		180	22,000	<0.04	0.28	0.18	4.1	
D-1	4.0	08/05/94	Unsat		1.0	<1.0	<0.005	<0.005	0.008	0.007	
D-2	1.0	07/19/94	Unsat		210	11,000	0.08	0.94	1.1	5.2	
D-2	3.5	08/05/94	Unsat		1,300	150	0.51	21.0	21.0	100	
Product	Line sample	s									
P-1	3.0	07/21/94	Unsat		120	110	<0.07	0.39	0.35	1.6	13
P-2	5.0	08/05/94	Unsat		170	6.0	0.23 <sup>b</sup>	2.8	0.29	10.0	
Stockpile	ed Soil Comp	posites									
SP-1		07/20/94			25	950	<0.005	0.026 <sup>b</sup>	<0.005	0.12	<5.0
SP-2		07/20/94			2.0	100	<0.005	<0.005	<0.005	0.010	<5.0
SP-3		07/20/94			17	350	<0.005	0.017	<0.005	0.069	<5.0

### Abbreviations:

Sat/Unsat = Saturated or unsaturated in-place soil sample TVH-G = Total Volatile Hydrocarbons as Gasoline TEH = Total Extractable Hydrocarbons - reported as diesel unless noted

B = Benzene

E = Ethylbenzene

T = Toluene

X = Xylenes

<n = Not detected at a detection limit of n ppm
--- = Not analyzed</pre>

### Notes:

- a = Reported as Kerosene Diesel range not reported due to overlap of hydrocarbon ranges
- b = Presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.



# APPENDIX A

HAZARDOUS WASTE MANIFEST TO TRANSPORT UNDERGROUND STORAGE TANK

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П	3. Generator's Name and Mailing Address 1150 PARK AVE	EMERY	VILLE CA.	94608		eneratora (C	11.004	38582
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1	"NON-RCRA Hazardous W	aste Solid					State	
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N	ь.			,			State	
R					1		EPA/	Other
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	<ol> <li>GENERATOR'S CERTIFICATION: 1 hereb packed, marked, and labeled, and are in</li> </ol>	y declare that the contents all respects in proper cond	i of the consignment are lition for transport by h	ighway according to	y aescribed applicable	e federal, state and	international laws.	are crassilled,
	If I om a lorge quantity generator, I cert	ify that I have a program	n in place to reduce t	ne volume and toxic	ity of was	te generated to the	degree I have de	etermined to be
	economically practicable and that I have threat to human health and the environme	selected the practicable m	ethod of treatment, sto	prage, or disposal c	urrently av	ailable to me which	minimizes the pre	sent and future
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ρ Ο .	18. Transporter 2 Acknowledgement of Receip	of Materials		3			Month	Day Year
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P. A								
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L I T	20. Facility Owner or Operator Certification o	f receipt of hazardous ma	terials covered by this	manifest except as n	oted in Iter	n 19	Month	Day Year
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SPIL



# APPENDIX B

CERTIFICATE OF TANK DESTRUCTION

TELEPHONE (510) 235-1393

NAME CEOES

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER
GOLDEN WEST
JOB NO.
85563

FOR:ERICKSON,_INC	TANK NO14166
LOCATION: _RICHMOND	DATE: 07/25/94 TIME: 11:22:37
T METHODVISUAL_GASTECH/1314 SMPN	LAST PRODUCT
Petroleum Institute and have found the condition	d that this tank is in accordance with the American to be in accordance with its assigned designation. at the time the inspection herein set forth was all qualifications and instructions.
10000 GALLON TANK TANK SIZE	SAFE FOR FIRE CONDITION
CUT OPEN, PROCESSED, AND THEREFORE	E LIMIT LESS THAN 0 1%  AT THE ABOVE NUMBERED TANK HAS BEEN  E DESTROYED AT OUR PERMITTED HAZARDOUS
ERICKSON INC. HAS THE APPROPRIATE SHIPPED TO US FOR PROCESSING	PERMITS FOR, AND HAS ACCEPTED THE TANK
immediately stop all hot work and contact the undersigned. changes occur.  STANDARD SAFETY DESIGNATION  SAFE FOR MEN: Means that in the compartment or space so 19.5 percent by volume; and that (b) Toxic materials in the a judgment of the Inspector, the residues are not capable of while maintained as directed on the Inspector's certificate.  SAFE FOR FIRE: Means that in the compartment so destatmosphere is below 10 percent of the lower explosive limits not capable of producing a higher concentration that permitted and while maintained as directed on the Inspector's certificate sufficiently to prevent the spread of fire, are satisfactorily in necessary by the inspector.	designated (a) The oxygen content of the atmosphere is at least atmosphere are within permissable concentrations; and (c) In the oroducing toxic materials under existing atmospheric conditions and that (b) In the judgment of the inspector, the residues are sed under existing atmospheric conditions and that (b) In the judgment of the inspector, the residues are sed under existing atmospheric conditions in the presence of fire the and further, (c) All adjacent spaces have either been cleaned erted, or in the case of fuel tanks, have been treated as deemed
The undersigned representative acknowledges receipt of this which it was issued.	certificate and understands the conditions and limitations under
REPRESENTATIVE TITLE	INSPECTOR



# **APPENDIX C**

ANALYTIC REPORTS AND CHAIN-OF-CUSTODY FORMS



# Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

# ANALYTICAL REPORT

Prepared for:

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608

Date: 22-JUL-94

Lab Job Number: 116403

Project ID: 14-291-01

Location: N/A

Reviewed by:

Reviewed by

This package may be reproduced only in its entirety.



DATE SAMPLED: 07/19/94
DATE RECEIVED: 07/19/94
DATE ANALYZED: 07/19/94
DATE REPORTED: 07/21/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE	 TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116403-1 116403-2	T-1-10'	ND(1)	59 ND(5)	ND(5) ND(5)	9 7	19 38

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

# QA/QC SUMMARY

RPD, %	1
RECOVERY, %	99



DATE SAMPLED: 07/19/94
DATE RECEIVED: 07/19/94
DATE ANALYZED: 07/20/94
DATE REPORTED: 07/21/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE	TOLUENE	ETHYL BENZENE (ug/Kg)	TOTAL XYĽENES (ug/Kg)
116403-3	T-3-10'	5	140	190	150	870

QA/QC SUMMARY

RPD, %
RECOVERY, %
102



DATE SAMPLED: 07/19/94
DATE RECEIVED: 07/19/94
DATE EXTRACTED: 07/20/94
DATE ANALYZED: 07/21/94
DATE REPORTED: 07/21,22/94

# Extractable Petroleum Hydrocarbons in Soils & Wastes California DOHS Method LUFT Manual October 1989

LAB ID	SAMPLE ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING LIMIT* (mg/Kg)
116403-1 116403-2 116403-3 116403-4 116403-5 116403-6	T-1-10' T-2-10' T-3-10' T-4-10' D-1-1' D-2-1'	15 ** ** ** **	*** 4 9 74 22,000 11,000	1 1 1 1 100 100

ND = Not detected at or above reporting limit.

- \* Reporting limit applies to all analytes.
- \*\* Kerosene range not reported due to overlap of hydrocarbon ranges.
- \*\*\* Diesel range not reported due to overlap of hydrocarbon ranges.

# QA/QC SUMMARY

LCS RECOVERY, %	121
	_=====================================



DATE SAMPLED: 07/19/94
DATE RECEIVED: 07/19/94
DATE ANALYZED: 07/21/94
DATE REPORTED: 07/21/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes
TVH by California DOHS Method/LUFT Manual October 1989
BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE (ug/Kg)	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116403-4	T-4-10'	170	140*	460	1,900	5,900
116403-5	D-1-1'	180	ND(40)	180	280	4,100
116403-6	D-2-1'	210	80	1,100	940	5,200

\* Presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

## QA/QC SUMMARY

RPD, %	1
RECOVERY, %	93

V	WEIS:	S ASSOCIATES
	ound Street	Emeryville, CA 94608 Fax: 415-547-5043

Please send analytic results and a copy of the signed chain of custody form to:

John Ducy :1

Lab Personnel:

PLEASE INCLUDE QA/QC DATA IF BOX IS CHECKED.

- Specify analytic method and detection limit in report.
- Notify us if there are any anomalous peaks in GC or other scans.
- 3) ANY QUESTIONS/CLARIFICATIONS: CALL US.

CHAIN-OF-CUSTODY	RECORD	AND	ANALYTIC	INSTRUCTIONS

sampled by: Jonat	han Weingast	Laboratory Name	e: Cmfu &	Tompkin			•
No. of Sample ID	Container Sample Type Date	Vol <sup>2</sup> Fil <sup>3</sup> Ref	Preservative (specify)	Analyze for	Analytic Method	Turn <sup>5</sup>	COMMENTS
1 T-1-0 1 T-2-10' 3 1 T-3-10' Y 1 T-4-10' 1 D-1-1'	53-11 +32 7/19/94		MONE	TOH-G TOH-Q BUTEX	8015 / 802	averyoft	OVERMOHT TUNDROWND
1 And Wenny Released by (Signature Affiliation Received by (Signature Affiliation Affiliation	e), Date	Released by (Sign  Affiliation  Shipping Carrier,  Affiliation	Method, Date	5 Released by (Signar) 5 Affiliation 6 Received by Lab Per 6 Affiliation, Teleph	rsonnel, Date	x	

Sample Type Codes: W = Water, S = Soit, Describe Other; Container Type...Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other.

Cap Codes: PT = Plastic, Teflon Lined 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)

Transported the Normal Line 1 Leaf Pa = 2 / Normal Line 1 Leaf Pa = 2

5 Turnaround [N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)] ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

Page / of )

11



# Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

# ANALYTICAL REPORT

Prepared for:

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608

Date: 17-AUG-94
Lab Job Number: 116724
Project ID: 14-219-11

Location: N/A

Reviewed by: Unthe Estates

Reviewed by:

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Berkeley

Los Angeles



DATE SAMPLED: 08/05/94
DATE RECEIVED: 08/05/94
DATE ANALYZED: 08/10/94
DATE REPORTED: 08/17/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116724-1 116724-3	P-2-5' D-2-3.5'	170 1,300	230* 510	290 21000	2800 21000	10000
116724-METI	HOD BLANK	ND(1)	ND(5)	ND(5)	ND(5)	ND(5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

### QA/QC SUMMARY

	=======================================
RPD, %	<1
RECOVERY, %	108
~=====================================	

<sup>\*</sup> Presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more than a factor of two.



DATE SAMPLED: 08/05/94 DATE RECEIVED: 08/05/94 DATE ANALYZED: 08/08/94 DATE REPORTED: 08/17/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE	ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116724-2	D-1-4'		1	ND(5)	8	ND(5)	7
116724~METH	OD BLANI	ζ	ND(1)	ND(5)	ND(5)	ND(5)	ND(5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.



DATE SAMPLED: 08/05/94
DATE RECEIVED: 08/05/94
DATE EXTRACTED: 08/09/94
DATE ANALYZED: 08/11-12/94
DATE REPORTED: 08/17/94

# Extractable Petroleum Hydrocarbons in Soils & Wastes California DOHS Method LUFT Manual October 1989

LAB ID	SAMPLE	ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING LIMIT* (mg/Kg)
116724-1 116724-2 116724-3	P-2-5' D-1-4' D-2-3.5	,	** ND **	6 ND 150	1 1 1
116724-MET	HOD BLANK		ND	ND	1

ND = Not detected at or above reporting limit.

- \* Reporting limit applies to all analytes.
- \*\* Kerosene range not reported due to overlap of hydrocarbon ranges.

# QA/QC SUMMARY

RPD,%	16
RECOVERY, %	105

Page \ of \

WEISS ASSOCIATES
5500 Shelimound SL, Emeryville, CA 94608

Phone: 415-547-5420 FAX: 415-547-5043

Please send analytic results and a copy of the signed chain of custody form to:

Lab Personnel: 1) Specify analytic method and detection limit

NHOT	DUEY	
Project ID:	14-219-11	

CHAIN-OF-CUSTODY RECORD AND ANALYTIC INSTRUCTIONS

Sampled by: HT	-	Laboratory Name: C+T -			on GC or other s	if there are any anomalous peaks		
No. of Sample ID Containers	Container Sample Type Date	Vol <sup>2</sup> Fil <sup>3</sup> Ref	Preservative (specify)	Analyze for	Analytic Method	Turn <sup>5</sup>	COMMENTS	
2. P.Z. 5 <sup>1</sup>	Brow Tuke 85/44	246 N Y	None	TPH-6/TPH-D/BTEX	EPA 8015/8020	5 day	114724-1	
P-1 41 D-2-35	<u> </u>	<b>士</b>				# _	<u>-2</u> -3	
	<del></del>							
					,			
1 Jokes Joson Released by (Signature)	510 8/5/94	3Released by (Sign	nature), Date	Seleased by (Signat	ture). Date			
1 WEISS ASSOCIAL Affiliation	tes	3Affiliation		5Affiliation	1 /			
2 Received by (Signature)	), Date	4 Shipping Carrier,	Method, Date	Received by Lab Per	sonnel, Date	XX Seal	intact?	
2Affiliation	<del></del>	4Affiliation		6 <u>8/5/94</u> Affiliation, Teleph	CET	············		

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

<sup>1</sup> Sample Type Codes: W = Water, S = Soil, Describe Other; Container Type Codes: V = VOA/Teflon Septa, P = Plastic, C or B - Clear/Brown Glass, Describe Other; Cap Codes: PI = Plastic, Teflon Lined 2 = Volume per container; 3 = Filtered (Y/N); 4 = Refrigerated (Y/N)

<sup>5</sup> Turnaround [N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)]



# Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608

Date: 08-AUG-94 Lab Job Number: 116453

Project ID: 14-291-02

Location: N/A

Reviewed by: Tuesak Morrison

Reviewed by: Many pleasan

This package may be reproduced only in its entirety.



SAMPLE ID: P-1-3' LAB ID: 116453-001

CLIENT: Weiss Associates PROJECT ID: 14-291-02

MATRIX: Soil

DATE SAMPLED: 07/21/94 DATE RECEIVED: 07/21/94 DATE REPORTED: 08/09/94

# Metals Analytical Report

Compound Result (mg/Kg)		Reporting Limit (mg/Kg)	Limit QC		Analysis Date	
Lead	13	5.0	15506	EPA 7420	08/08/94	



CLIENT: Weiss Associates

JOB NUMBER: 116453

DATE REPORTED: 08/08/94

# BATCH QC REPORT PREP BLANK

Compound	Result	Reporting Limit	Units	QC Batch	Method	Analysis Date
Lead	ND	5	mg/Kg	15506	EPA 7420	08/08/94

ND = Not detected at or above reporting limit



CLIENT: Weiss Associates

JOB NUMBER: 116453

DATE REPORTED: 08/08/94

#### BATCH QC REPORT BLANK SPIKE / BLANK SPIKE DUPLICATE

Compound	Spike Amount	B\$ Result	BSD Result	Units	BS % Recovery	BSD % Recovery	Average Recovery	RPD	QC Batch	Method	Analysis Date
Lead	2000	1750	1780	ug/L	88	89	89	2	15506	EPA 7420	08/08/94



LABORATORY NUMBER: 116453 CLIENT: WEISS ASSOCIATES PROJECT ID: 14-291-02

DATE SAMPLED: 07/21/94
DATE RECEIVED: 07/21/94
DATE EXTRACTED: 08/02/94
DATE ANALYZED: 08/03/94
DATE REPORTED: 08/04/94

#### Extractable Petroleum Hydrocarbons in Soils & Wastes California DOHS Method LUFT Manual October 1989

LAB ID	SAMPLE ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING (mg/Kg)
116453-1	P-1-3'	**	110	1:
116453-METH	OD BLANK	ND	ND	1

ND = Not detected at or above reporting limit.

\* Reporting limit applies to all analytes.

\*\* Kerosene range not reported due to overlap of hydrocarbon ranges.

#### OA/OC SUMMARY

~/ ~	
RPD,%	<1
RECOVERY, %	78



LABORATORY NUMBER: 116453 CLIENT: WEISS ASSOCIATES PROJECT ID: 14-291-02 DATE SAMPLED: 07/21/94 DATE RECEIVED: 07/21/94 DATE ANALYZED: 08/04/94 DATE REPORTED: 08/04/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE	ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE (ug/Kg)	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116453-1	P-1-3'		120	ND(70)	350	390	1600
116453-METH	OD BLANI	ζ.	ND(5)	ND(30)	ND(30)	ND(30)	ND(30)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

#### QA/QC SUMMARY

RPD, %	•	1
RECOVERY, %		105

WEISS ASSO 500 Shellmound Street, Emerguille thone: 415547-5420 Fax: 41		of the	send ana signed c	lytic results and hain of custody fo	a copy		ab Personnel	raja Silata da Silata da kespe Silata da Silata da Kespe	PLEASE INCLUDE QA/QC DATA IF BOX CHECKED.  Specify analytic method and detection limit in report.
figure 415541500		Projec	t 10: [4	1-291.02				2)	Notify us if there are any anomator peaks in GC or other scans.  ANY QUESTIONS/CLARIFICATIONS: CAN US.
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of Sample ID htainers	Container Sam Type Dai		t <sup>3</sup> Ref <sup>4</sup>	Preservative (specify)	Analyze	for	Analy Hethoo		Turn <sup>5</sup> COMMENTS
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Sample Type Codes: Cap Codes: PT = Pla Turnaround IN = Norm DITIONAL COMMENTS, CO	astic, Teflon Lin mal, W = 1 Week,	oil, Describe Otl ed 2 = Volume R = 24 Hour, HOLD	ner; Cont	ainer; 3 = Filtere	V = VOA/Tef d (Y/N); 4 =	lon Septa, P Refrigerated	= Plastic; (Y/N)	C or B - Cle	ear/Brown Glass, Describe Other;

Lab Personnel:

內	PLEASE	INCLUDE	<b>QA/QC</b>	BATA	1F	BUK	15
	CHECOEN	1_					

Specify analytic author and detection limit in report.

Notify us if there are any anomalous peaks in GC or other scans.

ANY OLESTIONS/CLARIFICATIONS: CALL

Those: 4(550/500) Page 44554750B

Please send analytic results and a copy of the signed chain of custody form tes

PROTECTI - 30-Ict April	DECOME	AND	MALYITE	BESTRUCTIONS.

CHAIN-OF-CUSTOBY RECORD AND AMALYTIC 3X	STRUCTIONS.		-		•
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do, of Sample 10 Container Samp Containers Type Bat	le Yol <sup>2</sup> Fil <sup>3</sup> Ref <sup>d</sup> Preservative (specify)	Amalyze for	Amlytic Hethod	Tura <sup>5</sup>	CORRIENTS
11 1-1-3' soil 3/24	EY MAT HAT BO WHAT	11/0	/	-11 7	
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o all itrations	·	oo V a WM/Tailan Sonta	•	- Clear/Brown	Glean, Describe Other;

1 Sample Type Codes: If = Mater, S = Soil, Describe Other; Container Type Codes: Y = YOA/Teflon Septs, P = Plast Cap Codes: PF = Plastic, Teflon Lined 2 = Volume per container; 3 = Fittered (Y/N); 4 = Refrigerated (Y/N)

5 Turneround IN = Normal, N = 1 Week, R = 24 Mour, HOLD (write out)) ADDITIONAL COMMENTS, COMMITTONS, PROBLEMS:



VERBAL ADDITIONS/CANCELLATIONS TO ANALYSIS REQUEST SHEET

Client: Wes	<u> </u>	Date:	3/2	
Requested By:	John Duey	Time:	AM	2:30 PM
Recorded By:	Most	_		

Current Lab ID		Circle	Specify add	Analysis	Due Date
(Previous Lab ID)	Client ID	Matrix	or cancel		<u> </u>
116453-001		water waste oil other	+	TEH TEH	BAP
( )	·	water soil waste oil other		·	
( )		water soil waste oil other			
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### Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 9471O, Phone (510) 486-0900

#### ANALYTICAL REPORT

Prepared for:

Weiss Associates 5500 Shellmound Street Emeryville, CA 94608

Date: 22-JUL-94

Lab Job Number: 116428 Project ID: 14-291-01

Location: N/A

Reviewed by:

Reviewed by:

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LABORATORY NUMBER: 116428 CLIENT: WEISS ASSOCIATES PROJECT ID: 14-291-01

DATE SAMPLED: 07/20/94
DATE RECEIVED: 07/20/94
DATE ANALYZED: 07/21,22/94
DATE REPORTED: 07/22/94

Total Volatile Hydrocarbons with BTXE in Soils & Wastes TVH by California DOHS Method/LUFT Manual October 1989 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE	ETHYL BENZENE (ug/Kg)	TOTAL XYLENES (ug/Kg)
116428-5	COMP SP-1A,B,C,I	2	ND(5)	ND(5)	26*	120
116428-10	COMP SP-2A,B,C,I		ND(5)	ND(5)	ND(5)	10
116428-15	COMP SP-3A,B,C,I		ND(5)	ND(5)	17	69

\* Presence of this compound confirmed by second column; however, the confirmation concentration differed from the reported result by more that a factor of two.

ND = Not detected at or above reporting limit; Reporting limit
 indicated in parentheses.

#### QA/QC SUMMARY

	=======================================
RPD, %	4
RECOVERY, %	106

CLIENT: Weiss Associates PROJECT ID: 14-291-01

MATRIX: Soil

DATE REPORTED: 07/22/94

#### METALS ANALYTICAL REPORT

#### Lead

Sample ID .	Lab ID	Sample Date	Receive Date	Result (mg/Kg)	Reporting Limit (mg/Kg)	QC Batch	Method	Analysis Date
COMP SP-1 (A-D) COMP SP-2 (A-D) COMP SP-3 (A-D)	116428-005 116428-010 116428-015	07/20/94	07/20/94	ND ND ND	5.0 5.0 5.0	15221 15221 15221	EPA 7420 EPA 7420 EPA 7420	07/22/94 07/22/94 07/22/94

ND = Not detected at or above reporting limit



CLIENT: Weiss Associates

JOB NUMBER: 116428

DATE REPORTED: 07/22/94

### BATCH QC REPORT PREP BLANK

Compound	Result	Reporting Limit	Units	QC Batch	Method	Analysis Date
Lead	ND	5	mg/Kg	15221	EPA 7420	07/22/94
	ND - Not date			<u> </u>		

ND = Not detected at or above reporting limit



CLIENT: Weiss Associates

JOB NUMBER: 116428

DATE REPORTED: 07/22/94

#### BATCH QC REPORT BLANK SPIKE / BLANK SPIKE DUPLICATE

Compound	Spike Amount	BS Result	BSD Result	Units	B\$ % Recovery	BSD % Recovery	Average Recovery	RPD	QC Batch	Method	Analysis Date
Lead	2000	1910	1940	ug/L	96	97	97	2	15221	EPA 7420	07/22/94



LABORATORY NUMBER: 116428 CLIENT: WEISS ASSOCIATES PROJECT ID: 14-291-01 DATE SAMPLED: 07/20/94
DATE RECEIVED: 07/20/94
DATE EXTRACTED: 07/20/94
DATE ANALYZED: 07/22/94
DATE REPORTED: 07/22/94

#### Extractable Petroleum Hydrocarbons in Soils & Wastes California DOHS Method LUFT Manual October 1989

LAB ID	SAMPLE ID	KEROSENE RANGE (mg/Kg)	DIESEL RANGE (mg/Kg)	REPORTING LIMIT* (mg/Kg)
116428-5	COMP SP-1A,B,C,D	**	950	10
116428-10	COMP SP-2A,B,C,D	**	100	1
116428-15	COMP SP-3A,B,C,D	**	350	10

#### QA/QC SUMMARY

LCS RECOVERY, %	77

<sup>\*\*</sup> Kerosene range not reported due to overlap of hydrocarbon ranges.

<sup>\*</sup> Reporting limit applies to all analytes.

JA 5500 Shellmou	WEISS	ASS	OCIAT	ŒS
5500 Shellmou	nd Street,	Emery	ille, CA 9	4608

Please send analytic results and a copy of the signed chain of custody form to:

John Duey :

Lab Personnel:

PLEASE INCLUDE QA/QC DATA IF BOX 15.

- Specify analytic method and detection limit in report.
- 2) Notify us if there are any anomatous of peaks in GC or other scans.
- 3) ANY QUESTIONS/CLARIFICATIONS: CALL

CHAIN-OF-CUSTODY	RECORD	AND	ANALYTIC	INSTRUCTIONS
•		4 .		

sampled by: Uonathm Weingost	Laboratory Name: Cwww & low	yky	
No. of Sample ID Container Sample Containers Type Date	Vol <sup>2</sup> Fit <sup>3</sup> Ref <sup>4</sup> Preservative (specify)	Analyze for Analytic Method	Turn <sup>5</sup> COMMENTS
-1 1 SP-1 A Saltube 7/2/14	MA W/A Yes Proprie TI	PH-6, TPH-6-BTBX LEASY BOIS BOSO/6010	48 yeorposite
-2 1 SD-1 B			1 > 10 to
-3 1 <u>SP1</u> C	<del>                                     </del>		002
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Affiliation 7/20/94	Affiliation	Affiliation	
2/ Puthual Schoo 2:15 pm	4		
Received by (Signature), page	Shipping Carrier, Method, Date	Received by Lab Personnel, Date	Seal intact?
2 C&T laboratories	4	4	
Affiliation	Affiliation	Affiliation, Telephone	<del></del>
<pre>1 Sample Type Codes: W = Water, S = Soil, D    Cap Codes: PT = Plastic, Teflon Lined</pre>	escribe Other; Container Type Codes: 2 = Volume per container; 3 = Filtere	<pre>V = VOA/Teflon Septa, P = Plastic, C or B - id (Y/N); 4 = Refrigerated (Y/N)</pre>	Clear/Brown Glass, Describe Other;

D:\ALL\ADMIN\FORMS\COC.WP2

ADDITIONAL COMMENTS, CONDITIONS, PROBLEMS:

5 Turnaround [N = Normal, W = 1 Week, R = 24 Hour, HOLD (write out)]



#### APPENDIX D

BFI NON-HAZARDOUS SPECIAL WASTE MANIFESTS



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

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

	<ul> <li>If waste is <u>NOT</u> asbestos waste</li> </ul>	, complete only Sections I, I	I and III.	·
ection I.	GENERATOR (Gene	erator completes all of Section 1)		
Generator Name: NE	EWCENTURY BEVERAGE COL	. Generating Location:	SAMS	
		. Address:	SAME	
EMERY'	VILLE, CA 94608			
Phone No.: 510		Phone No.:	SAMS	
owner of the generating f	acility differs from the generator, provide:			
Owner's Name:	<u>// A</u> r	. Owner's Phone No.:	<u> </u>	1
BFI WASTE CODE	CA 405 080494	25827	Containers	TYPE  DM - METAL DRUM  DP - PLASTIC DRUM  B - BAG
Description of Waste:	SOIL & GAS	k. Quantity Units	No. TYPE	BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
or any applicable state law, i applicable regulations; AND,	TION: I hereby certify that the above named material is been properly described, classified and packaged, a if the waste is a treatment residue of a previously regrant that the waste has been treated in accordance with ad by 40 CFR Part 261.	nd is in proper condition for transp stricted hazardous waste subject	portation according to to to the Land Disposal	UNITS P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
Generator Authorized Agent	Name Signature	Shipment	0 9 4 Date	
ection II	TRANSPORTER (Generator	complete a-d; Transporter I com	plete e-g )	and the second second
	TRANSPORTER I		TRANSPORTER	II
Name: OSJ	- GREG'S	h. Name:		
Address: PO Be	× 1626	i. Address:		
SAW MAT	750 Cd. 94401			
Driver Name/Title:	FAMES BEAKE	j. Driver Name/Title:		,
. Phone No.: 41534	PRINT/TYPE  e. Truck No.: 24/	1 '	PRI	NT/TYPE  I. Truck No.:
Vehicle License No./Sta		m. Vehicle License No./S		
Acknowledgement of	Receipt of Materials.	Acknowledgement of	of Receipt of Materia	als.
Driver Signature	C8/09C	n. Driver Signature		Shipment Date
ection III	DESTINATION (Generator co		pletes e-f.)	
Site Name: 8F1	VASCO RD	c. Phone No.: <u>510</u>	147-04	9)
4		d. Mailing Address:	SAME	
Ť	IVERMORE, CA			
Discrepancy Indication S				
I hereby certify that the	above named material has been accepted and t	the best of my knowledge t	he foregoing is true a	nd accurate.
I hereby certify that the	·	the best of my knowledge to	he foregoing is true at	nd accurate.



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

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

· ·	Ti wadie is <u>No i</u> aspesies waste,	complete only eccuons	t, it and it.	
ection I.	GENERATOR (Genera	ator completes all of Section	n I)	
<u></u> Generator Name: <u>N∑U C</u>	ENTURY BEUFRAGE COD.	Generating Location: _	SAME	
Address: 1150 PARK	AVE d.	Address:	SAME	
EMERYVILLE	, CA 94608			
Phone No.: 510 50	16-2800	Phone No.:	SAMS	
owner of the generating facility	differs from the generator, provide:			
Owner's Name:	h.	Owner's Phone No.:	N/A	
BFI WASTE CODE	9405080494	25827	Containers	TYPE    DM - METAL DRUM   DP - PLASTIC DRUM   B - BAG
Description of Waste:	OL & GAS	c. Quantity	Units No. TYPE	BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
or any applicable state law, has been applicable regulations; AND, if the v Restrictions, I certify and warrant that	hereby certify that the above named material is not properly described, classified and packaged, and waste is a treatment residue of a previously restrat the waste has been treated in accordance with the contract of the property of the pr	i is in proper condition for t ricted hazardous waste su	ransportation according to bject to the Land Disposal	UNITS P - POUNDS Y - YARDS M3 - CUBIC METERS V3 - CUBIC MARDS
a hazardous waste as defined by 40  WITH EAMS FOULT  Generator Authorized Agent Name	- /		094 nent Date	Y3 - CUBIC YARDS O - OTHER
ection II	TRANSPORTER (Generator co	Transporter I mplete a-d; Transporter II	complete e-g	
, TRAN	ISPORTER I	<u> </u>	TRANSPORTER	II
Name: Jim Lac	cient ( Grean)	h. Name:		
Address: 2275	tails	i. Address:		
Son	1400			
Driver Name/Title: \lambda viv.	PRINTITYPE ( DURLEY)	j. Driver Name/Title	;	
I. Phone No.: 343-590				I. Truck No.:
Vehicle License No./State:	595426	m. Vehicle License N	o./State:	
Acknowledgement of Receip	ot of Materials.	Acknowledgeme	nt of Receipt of Mater	ials.
00	08/094	n		
Driver Signature	Shipment Date DESTINATION (Generator comp	Driver Signature		Shipment Date
<del></del>		neres 4-0% destruttion, site.(	OUNDIGIOS B.I.)	4
Site Name: BFI VAS	_	c. Phone No.: 5	10 447-0	491
Physical Address: 400		_ d. Mailing Address:	SAME	
1118	RMORE, CA	_		,
Discrepancy Indication Space:	<u> </u>			
I hereby certify that the above	named material has been accepted and to	the best of my knowled	ge the foregoing is true a	and accurate.
	Jon -	Mali	100	
Name of Authorized Agent	Signature	~ COR	ceipt Date	



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

is NOT asbestos waste, complete only Section	ons I, II and III.	
		English Charles March
BEVERASE (B. Generating Location	Some	
d. Address:	SAME	
608		
f. Phone No.;	Some	
nerator, provide:	/	
h. Owner's Phone No.:	W/A	
080494 25827	Containers	TYPE  DM - METAL DRUM  DP - PLASTIC DRUM  B - BAG
k. Quantity	Units No. TYPE	BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK
a phone named material is not a heard-resulting	defined by 40 OFF Series	O - OTHER UNITS
classified and packaged, and is in proper condition for esidue of a previously restricted hazardous waste treated in accordance with the requirements of 40 C	or transportation according to subject to the Land Disposal	P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
ture Sh	ipment Date	
PORTER (Generator complete a-d; Transporte	r I complete e-g r II complete h-n	
ick No.: _20/ kPhone No.:		NT/TYPE I. Truck No.:
zck No.: 20/ kPhone No.: m. Vehicle License	No./State:	I. Truck No.:
kPhone No.:	PRI	I. Truck No.:
E	No./State:	I. Truck No.:
KPhone No.:	No./State:nent of Receipt of Materia	I. Truck No.:
E	No./State:nent of Receipt of Material	I. Truck No.:
k. Phone No.:	No./State:nent of Receipt of Material er completes e-f.)  447 - 649/  3436	I. Truck No.:
	BEVERAGE (B: Generating Location  d. Address:  f. Phone No.:  perator, provide:  h. Owner's Phone No.:  A Cuantity  k. Quantity  above named material is not a hazardous waste as elassified and packaged, and is in proper condition to esidue of a previously restricted hazardous waste treated in accordance with the requirements of 40 Centre (Complete a.d. Transporte Share)  PORTER (Generator complete a.d. Transporte H. Name:	f. Phone No.:  h. Owner's Phone No.:  h. Owner's Phone No.:  A  Containers  k. Quantity  Units  No. TYPE  above named material is not a hazardous waste as defined by 40 CFR Part 261 classified and packaged, and is in proper condition for transportation according to esidue of a previously restricted hazardous waste subject to the Land Disposal treated in accordance with the requirements of 40 CFR Part 268 and is no longer  Containers  Transporter I complete e-g  Transporter I complete e-g  Transporter II complete e-g  Transporter II complete e-g  TRANSPORTER

Name of Authorized Agent

### **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV. If waste is  ${\hbox{NOT}}$  asbestos waste, complete only Sections I, II and III

v	" If waste is <u>NOT</u> asbestos waste,	complete only Sections	I, II and III.	
ection I.	GENERATOR (Genera	ator completes all of Section	11)	An of the first of the second
Generator Name: <u>NE</u>	W CENTURY BEVERAGECO.	Generating Location:	SAME	
Address: 1150	PARK AVE d.	Address:	SAME	
EMERY	VILLE, CA 94608			
Phone No.: 510	596-2800			
owner of the generating fa	acility differs from the generator, provide:		A . /A	
Owner's Name:	h.	Owner's Phone No.:	<i>N/A</i>	
BFI WASTE CODE	CA A 05 08049A	25827	Containers	TYPE  DM - METAL DRUM  DP - PLASTIC DRUM  B - BAG
Description of Waste:	SOIL & GAS	k. Quantity	Units No. TYPE	BA - 6 MIL. PLASTIC BAG or WRAP
, 	· · · · · · · · · · · · · · · · · · ·	/8	r3   1   T	T - TRUCK O - OTHER
or any applicable state law, h applicable regulations; AND,		d is in proper condition for tr ricted hazardous waste sul the requirements of 40 CFR	ansportation according to bject to the Land Disposal	P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
UID ELIAS FO Generator Authorized Agent	RUCRY Signature		D 9 4	O -OTHER
ection II	TRANSPORTER (Generator, do	mplete a-d: Transporter L	complete e-g complete h-n	
Name:Address:	TRANSPORTER!  Someting Server  Cone  Matee	h. Name: i. Address:	TRANSPORTER	
Driver Name/Title:	Joen Suiker	j. Driver Name/Title:		
Phone No.: 3 4 3	PRINT/TYPE 3 5 94 3 e. Truck No.: 20 (	k. Phone No.:	PF	INT/TYPE I. Truck No.:
Vehicle License No./Sta	te: 2 N 33674	m. Vehicle License No	o./State:	
Acknowledgement of	Receipt of Materials.		nt of Receipt of Mater	
Driver Signature	uku 81094 Shipment Date	n	,	Shipment Date
· · · · · · · · · · · · · · · · · · ·	DESTINATION (Generator com		completes e-f.)	Shipment Date
ection III		pletes a-d, destination site c		
ection III	DESTINATION (Generator comp IASCO RD LIVERMORE	c. Phone No.:	0 147-01	
Site Name: BF   V	DESTINATION (Generator com	c. Phone No.: 510  d. Mailing Address:	0 147-01	
Site Name: BF   V	DESTINATION (Generator com)  VASCO RD LIVERMORE  POI N. VASCO RE  VERMORE, CA	c. Phone No.: 510  d. Mailing Address:	0 147-01	
Site Name: BF   V Physical Address: 40  Discrepancy Indication S	DESTINATION (Generator com)  VASCO RD LIVERMORE  POI N. VASCO RE  VERMORE, CA	c. Phone No.: 516  d. Mailing Address:	0 497-09 SAM Σ	9]



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

o II Waste is NOT aspesios wi	aste, complete only sections 1, 11 and 111.
Section I. GENERATOR (G	Generator completes all of Section I)
Generator Name: NEW CENTURY BEVERAGE CO	b. Generating Location: ME
Address: 150 PARK AVE	d. Address: SAMS
EMERZVILLE, CA 94608	
510 = 0/ 000	f. Phone No.: SAM 5
If owner of the generating facility differs from the generator, provide:	
Owner's Name:	h. Owner's Phone No.:
. BFI WASTE CODE CA 705 08049	7 25827 Containers DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste: SOIL & GAS	k. Quantity  Units  No. TYPE  B - BAG BA - 6 MIL. PLASTIC BAG OF WRAP T - TRUCK O - OTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named materia or any applicable state law, has been properly described, classified and package applicable regulations; AND, if the waste is a treatment residue of a previously Restrictions, I certify and warrant that the waste has been treated in accordance a hazardous waste as defined by 40 CFR Part 261.	d, and is in proper condition for transportation according to y restricted hazardous waste subject to the Land Disposal Y - YARDS
Generator Authorized Agent Name Signature	OShipment Date
ection II TRANSPORTER General	itor-somplete a-d; Transporter I complete e-g
Name: Jun Laurgne (Line).  Address: 225 Detruct  Sa. Water	TRANSPORTER II  h. Name:  i. Address:
Driver Name/Title: JUN LAVICKIE OULLON	j. Driver Name/Title:
d. Phone No.: 24 Styles e. Truck No.: 4.	k. Phone No.: I. Truck No.:
Vehicle License No./State: 595426	m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
Driver Signature Shipment Date	n
	completes a.d. destination site completes e-(:)
Site Name: BFI VASCO RD	c. Phone No.: 5(0 447-049)
b. Physical Address: 4001 N. VASCO RD	•
LIVERMORE, CA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
e. Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted an	nd to the best of my knowledge the foregoing is true and accurate.
Lee	081099
	# Noncint Data :



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

No. 338628

6	If waste is NOT asbestos waste,	complete only Sections I, II	and III.	
Section I.	GENERATOR (Genera	tor completes all of Section I)		and the state of t
Generator Name: NE	WCENTURY BEVERAGE COD.	Generating Location:	SAME	
	_	Address:	SAMS	
EMERYVIL	LE, CA 94608			
	596-2800	Phone No.:	AME	·
If owner of the generating	facility differs from the generator, provide:			
Owner's Name:	h.	Owner's Phone No.:	N/A	
i. BFI WASTE CODE	CA 405080494	25827	Containers	TYPE  DM - METAL DRUM  DP - PLASTIC DRUM  B - BAG
Description of Waste:	SOIL & GAS	Quantity Units	No. TYPE	BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
or any applicable state law, applicable regulations; AND Restrictions, I certify and wa a hazardous waste as defin	on N.C. R.C. Signature	I is in proper condition for transpricted hazardous waste subject the requirements of 40 CFR Part	portation according to to the Land Disposal 268 and is no longer	UNITS P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
ection II	TRANSPORTER (Generator co	mplete a-d; Transporter I comp	olete é-g plete h-n	
Address: P.O.	TRANSPORTER I  35 Trucking INC  BOY 1626.  MATER CA 94401	h. Name:i. Address:	TRANSPORTER	
	PRINTITYPE PRINTITYPE	j. Driver Name/Title:		
	435946 e. Truck No.: 205	k. Phone No.:	PRI	NT/TYPE I. Truck No.:
Vehicle License No./Sta Acknowledgement of	Receipt of Materials.	m. Vehicle License No./S Acknowledgement o		als. ·
Driver Signature	Shipment Date	n	THE RESIDENCE OF THE PARTY OF T	Shipment Date
Section III	DESTINATION (Generator comp	letes a-d, destination site compl	etes.e-f.)	
Site Name: BFI	ASCO RD, LIVERMORE,	c. Phone No.: 447	-0991	***
b. Physical Address: 40	DOI N. VASCO RD	d. Mailing Address:	SAME	
	IVERMORE, CA			
'				
Discrepancy Indication	Space:			
, •	Space:above named material has been accepted and to	the best of my knowledge th	ne foregoing is true a	nd accurate.



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

	11 114010 10 <u>110 1</u> 40000100 NAO(0)		and m	
ection I.	GENERATOR (Gener	ator completes all of Section I)		
Generator Name: <u>Νε</u>	WCENTURY BEVERAGE CO b.	Generating Location:	SAME	
	PARK AVE d.	Address:	SAME	
EMERYU	ILLE, CA 94608			
Phone No.: 510	596-2800	Phone No.:	SAMS	
owner of the generating	facility differs from the generator, provide:		,	
Owner's Name:		Owner's Phone No.:	NA	
BFI WASTE CODE	CA 405080494	25827	Containers	TYPE DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste:	SOIL & GAS	k. Quantity Units	No. TYPE	B - BAG BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
or any applicable state law, applicable regulations; AND	ATION: I hereby certify that the above named material is no has been properly described, classified and packaged, and point it is not properly described, classified and packaged, and point it is not provided in a previously rest arrant that the waste has been treated in accordance with need by 40 CFR Part 261.	d is in proper condition for transp ricted hazardous waste subject	ortation according to to the Land Disposal	UNITS P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
DAVID EXIA Generator Authorized Agen	75 FBR NC, BC. A Jaille 1 Name Signature	Charles Shipment	) 9 4 Date	O OTTEN
ection II	. TRANSPORTER (Generator of	mplete a-d; Transporter I comp	lete e-g plete h-n	
Name: ASJ	TRANSPORTER I	h. Name:	TRANSPORTER	
Address: Sha)MA	1626 761 GA. 94401	i. Address:		
Driver Name/Title:	MMES SLAKE	j. Driver Name/Title:	ers comment	مع کو در مربوری
I. Phone No.: 453	PRINT/TYPE  e. Truck No.: ZZZ			NT/TYPE  1. Truck No.:
Vehicle License No./Sta Acknowledgement of	ate: 7c4z4(0 Receipt of Materials.	m. Vehicle License No./Si Acknowledgement of		
Driver Signature	OS 105 M Shipment Date	n. Driver Signature		Shipment Date
section III	DESTINATION (Generator com	letes a-d, destination site comple	etes e-f.)	
Site Name: BFI	VASCO RD	c. Phone No.: 510	447-0	491
Physical Address: 40	DOI N. VASCO RD	d. Mailing Address:	SAME	
•	VERMORE, CA	_		
Discrepancy Indication				
I hereby certify that the	above named material has been accepted and to	the best of my knowledge th	e foregoing is true ar	nd accurate.
	$\wedge$			
	tee	0810	94	



If waste is asbestos waste, complete Sections I, II, III and IV. If waste is  $\underline{\mathsf{NOT}}$  asbestos waste, complete only Sections I, II and III.

ection I. GENERATOR (General	tor completes all of Section I)
Generator Name NEW LENTURY BENSEAGE CO.b.	
Address: 1150 PARK AVE. d.	
EMERYVILLE, CA	
Phone No.: 510-596-7800 1.	Phone No.: Same
owner of the generating facility differs from the generator, provide:	and the same of th
Owner's Name: 54n E h.	Owner's Phone No.:
BFI WASTE CODE CA 405 080494	25827 Containers DM - METAL DRUM DP - PLASTIC DRUM B - BAG
Description of Waste: 501 L, GAS, DIESEL	Quantity  Units No. TYPE  BA - 6 MIL. PLASTIC BAG  or WRAP  T - TRUCK  O - OTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not or any applicable state law, has been properly described, classified and packaged, and applicable regulations; AND, If the waste is a treatment residue of a previously restrictions, I certify and warrant that the waste has been treated in accordance with the a hazardous waste as defined by 40 CFR Part 261.  ID EXIAS FOR W.C.B.C. Signature	Is in proper condition for transportation according to cloted hazardous waste subject to the Land Disposal ne requirements of 40 CFR Part 268 and is no longer Yard CUBIC METERS Ya - CUBIC MARDS O - OTHER
ection II TRANSPORTER (Generator co)	Transporter I complete e-g mplete a-d; Transporter II complete h-n)
Name: DSJ-GREGS  Address: DSSSX 1676  SAMMATTIN CALIF GYGO!  Driver Name/Title: SAME SCANCE PRINT/TYPE Phone No.: 9153435546 e. Truck No.: 275	i. Address:  j. Driver Name (Title: PRINT/TYPE k. Phone No.: I. Truck No.:
Vehicle License No./State:  Acknowledgement of Receipt of Materials.	m. Vehicle License No./State:
Driver Signature Shipment Date	n. Oriver Stonature
	Ontprint Date
DESTINATION (Generator comp	letes a-d, destination site completes e-f.)
Site Name: BF1 VASOO	letes a d, destination site completes e-f.).  c. Phone No.: 5/0 - 447 - 049/
REI VICA	letes a d, destination site completes e-f.).  c. Phone No.: 5/0 - 447-049/
Site Name: BF1 VASOO	letes a-d; destination site completes e-f;)  c. Phone No.: 5/0 - 447-049/
Site Name: BF1 VASOO  Physical Address: 4001 N, WASCO ED.	letes a-d; destination site completes e-f;)  c. Phone No.: 5/0 - 447-049/
Site Name: BF1 VASOO  Physical Address: 4001 N, WASO ED.  LUGRMORED	letes a-d, destination site completes e-f.)  c. Phone No.: 5/0 - 447 - 049/  d. Mailing Address: Aurus
Site Name: BF1 VASOO  Physical Address: 4001 N, WASOO ED  LUERMORE ()  Discrepancy Indication Space:	letes a-d, destination site completes a-t)  c. Phone No.: 5/0 - 447 - 049/  d. Mailing Address: Aurus



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

ection I.		erator completes all of Section I)	
Generator Name: (EW (	ENTURY BEVERAGE H	Generating Location: Sun &	
Address: 1150 PAR	K AVE,	. Address: San	
FNERYVICE	CA 94608		
Phone No.: 5 (0 - 5	96-2800	Phone No.: 5an E	
bwner of the generating facility dif	fers from the generator, provide:	_	
Owner's Name:	h	. Owner's Phone No.: 39m	
BFI WASTE CODE	409080494	75827. Containers	TYPE  DM - METAL DRUM  DP - PLASTIC DRUM
Description of Waste: <u>SOIL</u>	GAS DIESEL	k. Quantity Units No. TYPE	B - BAG BA - 6 MIL. PLASTIC BAG
		18 43 1 7	or WRAP T - TRUCK O - OTHER
or any applicable state law, has been p applicable regulations; AND, if the was	properly described, classified and packaged, and ste is a treatment residue of a previously resithe the waste has been treated in accordance with	not a hazardous waste as defined by 40 CFR Part 261 and is in proper condition for transportation according to stricted hazardous waste subject to the Land Disposal the requirements of 40 CFR Part 268 and is no longer	UNITS P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS
Generator Authorized Agent Name	CIBC Signature	May 08/094 Shipment Date	O - OTHER
ection II	TRANSPORTER (Generator C	complete a-d Transporter I complete e-g. )	
	PORTER I	TRANSPORTER	П
Name: CRECYS	Trucking INC	h. Name:	1
	)	Į.	
Address:	OBX 1626	i. Address:	4000
	D BOX 1626		
Driver Name/Title: 1977	DATEO CA 944.  DINITIPE PRINTITYPE	i ~ Driver Name / Title	INT/TVPE
Smo	DATEO CA 944.  DINITIPE PRINTITYPE	i ~ Driver Name / Title	INT/TYPE  I. Truck No.:
Driver Name/Title: 1971  Phone No.: 45 34.3 50  Vehicle License No./State: 9	PRINT/TYPE  746 e. Truck No.: 265  C/124/09 CD	j Driver Name/Title:	I. Truck No.:
Driver Name/Title: ARY Phone No.: 45 343 50	PRINT/TYPE  746 e. Truck No.: 265  C/124/09 CD	j Driver Name/Title:PR	I. Truck No.:
Driver Name/Title: ARA  Phone No.: #5 34.3 50  Vehicle License No./State: 7  Acknowledgement of Receipt	PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  PRINT/TYPE  OF Materials.	j Driver Name/Title:PR k. Phone No.: m. Vehicle License No./State: Acknowledgement of Receipt of Materi	als.
Driver Name/Title: 1971  Phone No.: 45 34.3 50  Vehicle License No./State: 9	PRINT/TYPE  Shipment Date	j Driver Name/Title:PR k. Phone No.: m. Vehicle License No./State: Acknowledgement of Receipt of Materi	als. Shipment Date
Driver Name/Title:	PRINT/TYPE  PRINT/	j Driver Name/Title:PR k. Phone No.: m. Vehicle License No./State: Acknowledgement of Receipt of Materi	als.
Driver Name/Title: 271  Phone No.: 45 34 3  Vehicle License No./State: 7  Acknowledgement of Receipt  Driver Signature  ection III  Site Name: BF VAS  Physical Address: 400	PRINT/TYPE  7/6 e. Truck No.: 265  C/12 (69 C)  of Materials.  Shipment Date  DESTINATION (Generator com  N. VASCO ED.	j Driver Name/Title:	als. Shipment Date
Driver Name/Title: 271  Phone No.: 45 34 3  Vehicle License No./State: 7  Acknowledgement of Receipt  Driver Signature  ection III  Site Name: BF VAS  Physical Address: 400	PRINT/TYPE  PRINT/	j. Driver Name/Title:  k. Phone No.:  m. Vehicle License No./State:  Acknowledgement of Receipt of Materi  n.  Driver Signature  pletes a-d, destination site completes e-f.)  c. Phone No.:	als. Shipment Date
Driver Name/Title: 271  Phone No.: 45 34 3  Vehicle License No./State: 7  Acknowledgement of Receipt  Driver Signature  ection III  Site Name: BF VAS  Physical Address: 400	PRINT/TYPE  7/6 e. Truck No.: 265  C/12 (69 C)  of Materials.  Shipment Date  DESTINATION (Generator com  N. VASCO ED.	j. Driver Name/Title:  k. Phone No.:  m. Vehicle License No./State:  Acknowledgement of Receipt of Materi  n.  Driver Signature  pletes a-d, destination site completes e-f.)  c. Phone No.:	als. Shipment Date
Driver Name/Title: A71  Phone No.: #5 3 4 3 5  Vehicle License No./State: Acknowledgement of Receipt  Driver Signature  ction III  Site Name: BF	PRINT/TYPE  7// e. Truck No.: 265  C/2//09  Of Materials.  Shipment Date  DESTINATION (Generator com  N. VASCO ED.  2. M. OF E. C. A	j. Driver Name/Title:  k. Phone No.:  m. Vehicle License No./State:  Acknowledgement of Receipt of Materi  n.  Driver Signature  pletes a-d, destination site completes e-f.)  c. Phone No.:	I. Truck No.:als.  Shipment Date
Driver Name/Title: A71  Phone No.: #5 3 4 3 5  Vehicle License No./State: Acknowledgement of Receipt  Driver Signature  ction III  Site Name: BF	PRINT/TYPE  7// e. Truck No.: 265  C/2//09  Of Materials.  Shipment Date  DESTINATION (Generator com  N. VASCO ED.  2. M. OF E. C. A	j. Driver Name/Title:  k. Phone No.:  m. Vehicle License No./State:  Acknowledgement of Receipt of Materi  n.  Driver Signature  pletes a-d, destination site completes e-f.)  c. Phone No.:  d. Mailing Address:	als. Shipment Date



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

		and the second s
Section I.	GENERATOR (Gener	ator completes all of Section I)
Generator Name: NEw C	ENTURY BOUDRAGE CO. b.	Generating Location: 59mE
. Address: 1150 PAR	d. AVE	Address: Sant
EMBRYVILL	E, CA 9460X	
Phone No.: 510 -	596-2800	Phone No.: Sane
If owner of the generating faci	lity differs from the generator, provide:	
. Owner's Name:/L	//Ah.	Owner's Phone No.:
i. BFI WASTE CODE	1A 405 080494	Z 5 8 Z 7 Containers DM - METAL DRUM DP - PLASTIC DRUM B - BAG
Description of Waste:5	OIL HEAT & DIESEL	k. Quantity  Units  No. TYPE  BA - 6 MIL. PLASTIC BAG  or WRAP  T - TRUCK  O - OTHER
or any applicable state law, has applicable regulations; AND, if the Restrictions, I certify and warrar a hazardous waste as defined by	nt that the waste has been treated in accordance with	d is in proper condition for transportation according to tricted hazardous waste subject to the Land Disposal the requirements of 40 CFR Part 268 and is no longer  M3 - CUBIC METERS  Y3 - CUBIC YARDS
Generator Authorized Agent Na	me Signature	Shipment Date
Section II	TRANSPORTER (Generator of	omplete a-d; Transporter I complete e-g )
. Name: GREG	RANSPORTER I CTRK MATEO (A 94401	h. Name:i. Address:
Driver Name/Title:	7 + 1) + 10 PRINT/TYPE 3-5946 e. Truck No.: 10-92	j. Driver Náme/Title:    PRINT/TYPE
Vehicle License No./State:	9017469 CA	m. Vehicle License No. / State:
Acknowledgement of Re	ceipt of Materials.	Acknowledgement of Receipt of Materials.
Driver Signature	0 8 1 1 9 4 Shipment Date	n. Driver Signature Shipment Date
Section III	DESTINATION (Generator com	pletes a.d. destination site completes e-f.)
. Site Name: BF1	ASCO COARD	c. Phone No.: 510 - 447 - 0491
b. Physical Address: 400	I No VASCO ROAD	d. Mailing Address: DAME
LIV	ERMORE, CA	
e. Discrepancy Indication Spa	ce:	
I hereby certify that the abo	ove named material has been accepted and to	the best of my knowledge the foregoing is true and accurate.
	hyof	2 08/17/2
Name of Authorized Acont	Signature	



If waste is asbestos waste, complete Sections I, II, III and IV. If waste is <u>NOT</u> asbestos waste, complete only Sections I, II and III.

	in the second se
ction I. GENERATOR (G	enerator completes all of Section I)
Generator Name: NEW CENTURY BEVERAGECO	b. Generating Location: SAMS
A.	d. Address: SAM E
EMERYVILLE CA 94608	
	f. Phone No.: SAME
owner of the generating facility differs from the generator, provide:	•
Owner's Name:	h. Owner's Phone No.:
BFI WASTE CODE CA 905 02049	TYPE  25827 Containers DM - METAL DRUM DP - PLASTIC DRUM DP - PLASTIC DRUM
Description of Waste: SOIL & GAS	k. Quantity  Units  No. TYPE  B - BAG BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK ' O - OTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material or any applicable state law, has been properly described, classified and packaged applicable regulations; AND, if the waste is a treatment residue of a previously Restrictions, I certify and warrant that the waste has been treated in accordance a hazardous waste as defined by 40 CFR Part 261.  AUID LIAS FOL N.C.R.C. Signature	d, and is in proper condition for transportation according to restricted hazardous waste subject to the Land Disposal with the requirements of 40 CFR Part 268 and is no longer  M³ - CUBIC METERS  Y³ - CUBIC YARDS
ction II TRANSPORTER (Generat	or complete a-d; Transporter I complete e-g )
TRANSPORTER I	TRANSPORTER II
Name:	h. Name:
Address: POSSX 1626	, i. Address:
SAW MATER CH S4401	
Driver Name/Title: PRINT/TYPE	j. Driver Name/Title:
Phone No.: 415 3433546 e. Truck No.: 225	k. Phone No.:
Vehicle License No./State: 9042440	m. Vehicle-License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
1 and OFV 19	9 n. Mat 08 / 19 C
Driver Signature Shipment Date  Oction III DESTINATION (Generator)	/ Driver Signature Shipment Date  completes a.d. destination site completes e.f.)
DEL VACCO OD	
Site Name: BFI ASCO RD	c. Phone No.: 510 447-0491
Phýsical Address: 4001 N. VASCO RD	D d. Mailing Address: SAM Σ
LIVERMORE, CA	
Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted and	d to the best of my lenguisday the forestenic textus and accounts
	a to the best of my knowledge the foregoing is true and accurate.
	to the best of my knowledge the foregoing is true and accurate.



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

	11 176	ioto io ito i aspesios wa	asie, i	complete only a	ections I, II	and III.	
ection I.		GENERATOR (G					MARKET BELLE
Generator Name:	W CESTPRY	BEVERA	5 6.	Senerating Loca	ation:	SANE	4
Address: _//50	PARK AUS	5	_ d. /	Address:	5mm	<i></i>	
FNERYVIL							
	596- 78		_ f. F	Phone No.:	Sam.	5	
owner of the generating	facility differs from the	generator, provide:					,
Owner's Name:	ans		_ h. (	Owner's Phone	No.: <u>5</u>	7ME	
BFI WASTE CODE	CA 405	08049	4	2582	27	Containers	TYPE DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste:				Quantity	8 Units	No. TYPE	B - BAG BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
GENERATOR'S CERTIFICA or any applicable state law, I applicable regulations; AND, Restrictions, I certify and wa a hazardous waste as define	has been properly describ If the waste is a treatment Frant that the waste has been about the control of the control  Office of the co	ed, classified and packaged int residue of a previously	d, and restriction the with the	is in proper condit	tion for transports	ortation according to to the Land Disposal 268 and is no longer	UNITS P - POUNDS Y - YARDS M³ - CUBIC METERS Y³ - CUBIC YARDS O - OTHER
ection II				Transi	Shipment D		
		NSPORTER (Generate	orcon	plete a-d; Trans	porter II comp		
Name:	TRANSPORTER I	UKING		h. Name:		TRANSPORTER	R II
Address:	BOX	1626		i. Address:			
SA	MATEL	OCA 945	7/	_			
Driver Name/Title:	1//C- 34/3	594/		j. Driver Name	e/Title:		
Phone No. 17.	DED HALILLA			k. Phone No.:		PF	RINT/TYPE  I. Truck No.:
Vehicle License No./Stat		409	.,	m. Vehicle Lice			
Acknowledgement of I	Receipt of Materials	, ,		Acknowled	lgement of	Receipt of Mater	ials.
Driver Signature	Dholu (	Shipment Date	4	n			
ction III	DEST	INATION (Generator of	Somete				Shipment Date
Site Name: BF1	VASCO	(Gonerato)			IL Site Comple		/G/
Physical Address: 40	4	SCO RD,		<ul><li>c. Phone No.:</li><li>d. Mailing Add</li></ul>	ross: 1	947-04 AME	
21	VERMORE	, CA		a. waiiiiy Add	1000.		
Discrepancy Indication S	pace:			<u> </u>		······································	
hereby certify that the a		has been accepted and	to the	e best of my kn	owledge the	foregoing is true a	and accurate.
		Land	_		-0///		assurate.
		xice c	_/		0//	1/ 1/9/	



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

II Waste is NOT aspestos waste,	complete only dections 1, 11 and 111.
Section I. GENERATOR (General	ator completes all of Section I)
Generator Name: New Century Beverage b.	Generating Location: SAME
Address: NSO PARK AVE. d.	Address: SANG
EMERYVILLE, CA	
Phone No.: 510 - 596 - 2800 f.	Phone No.: SANE
f owner of the generating facility differs from the generator, provide:	
Owner's Name: 5 AME h.	Owner's Phone No.: SAME
BFI WASTE CODE CA 405,080494	TYPE  DM - METAL DRUM DP - PLASTIC DRUM B - BAG
Description of Waste: SOIL, GAS, DESEL	Quantity  Units No. TYPE  BA - 6 MIL. PLASTIC BAG  OF WRAP  T - TRUCK O - OTHER
GENERATOR'S CERTIFICATION: I hereby certify that the above named material is no	
or any applicable state law, has been properly described, classified and packaged, and applicable regulations; AND, if the waste is a treatment residue of a previously rest. Restrictions, I certify and warrant that the waste has been treated in accordance with the hazardous waste as defined by 40 CFR Part 261.	d is in proper condition for transportation according to ricted hazardous waste subject to the Land Disposal he requirements of 40 CFR Part 268 and is no longer Hard School of the CUBIC METERS Y3 - CUBIC YARDS O - OTHER
Facts Mirro-Davern for NLB Facts Morie- Generator Authorized Agent Name Signature	Shipment Date
ection II TRANSPORTER (Generator co	mplete a-d; Transporter I complete e-g Transporter II complete h-n
TRANSPORTER I  Name: GREGS TRK	TRANSPORTEŘ II
Address: SAN MATEO, CA. 94401	h. Name:
. Address: 97770 0 177-1 0 , C77- 177-01	i. Address:
Driver Name/Title: Monpan TRK	j. Driver Name/Title:
Phone No. 4/15) 343-5946. Truck No.: D-92	k. Phone No.:
Vehicle License No./State: 9C/74G9	m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.	Acknowledgement of Receipt of Materials.
Driver Signature 081194	n Shipment Date
	oletes a-d, destination site completes e-f.)
Site Name: BFI VASCO	c. Phone No.: 510 - 447 - 049/
. Physical Address: 4001 N. VASLO CD.	d. Mailing Address: SAME
LIVERMORE, CA	
Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted and to	the best of my knowledge the foregoing is true and accurate.
mer	
Name of Authorized Agent Signature	Receipt Date



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

	<del></del> _ · · · · · · · · · · · · · · · · · ·	r vemplote only doctions	I, II and III.	
ection I.	GENERATOR (Gene	rator completes all of Section	n I)	
Generator Name:	NTTORY REVERAGE CO 6	Generating Location:	SAMS	
Address:	RK AVE d	Address:	SAME	
31/11/1/11/11/2	(A 94608			
	5-2800	Phone No.:	51145	
rowner of the generating facility d	iffers from the generator, provide:			
Owner's Name:	<u>4                                    </u>	Owner's Phone No.:	MA	
BFI WASTE CODE	40502.79		Containers	TYPE DM - METAL DRUM DP - PLASTIC DRUM
Description of Waste:			Units No. TYPE	B - BAG BA - 6 MIL. PLASTIC BAG or WRAP T - TRUCK O - OTHER
applicable regulations; AND, if the wa	ereby certify that the above named material is n properly described, classified and packaged, an iste is a treatment residue of a previously residue waste has been treated in accordance with CFR Part 261.	d is in proper condition for tr	ansportation according to	P - POUNDS
Generator Authorized Agent Name	Signature	Shipm	ent Date	
ction II	TRANSPORTER (Generator of			`
TRANS	SPORTER I	, rangoner u	TRANSPORTE	В п
	TRUCKING INC	h. Name:		
Address:	O. ROX 1K2K	i. Address:		
Sm W	MIEO CA 94401			
Driver Name/Title:	MACINAL TICH	j. Driver Name/Title:		PRINT/TYPE
. Phone No.: - 343	SUL e. Truck No.: 405	k. Phone No.:		I. Truck No.:
Vehicle License No./State:	C42409	m. Vehicle License No Acknowledgemen	./State: at of Receipt of Mate	erials.
Francis S.D.	chis. 1081094	n		Shipment Date
Driver Signature	Shipment Date  DESTINATION (Generator comp		ompletes e-t.)	
•				
Physical Address:		_ d. Mailing Address: _		
Discrepancy Indication Space: _		<del></del>		,
I hereby certify that the above no	amed material has been accepted and to	the best of my knowledg	ge the foregoing is true	e and accurate.
	Lee	081	091/	
Name of Authorized Agent	Signature	Rec	eipt Date	



### APPENDIX E

**ENGINEERING REPORT** 



### G.W. Materials Testing

567 EXCHANGE COURT LIVERMORE, CA 94550 (510) 447-2484 FAX (510) 447-4145

File No. 94271 August 18,1994

Golden West Environmental Services 567 Exchange Court Livermore, California 94550

Attention: Rick Henderson:

Subject: Pepsi Bottling

1150 Park Avenue

Emeryville, California

Results of Soil Compaction Testing

Dear Mr. Henderson:

An engineering technician from our firm has performed the requested soil compaction testing on imported material which was placed in an excavation as indicated on the attached pages. These tests were taken with a nuclear soil moisture/density gauge following ASTM D2922 test procedure. The laboratory maximum density was performed in accordance with ASTM 1557.

Where tests were below the required 90% relative compaction, additional effort was made until the required compaction was achieved. The test results indicate that this compaction requirement has been met. The results of the field and laboratory maximum density tests as well as the location of the excavations are shown on the attached pages.

The opinions and conclusions expressed in this letter, which are constrained by the scope of work performed, are based solely on the review of published information and on the analysis of field and laboratory data; subsurface exploration and environmental investigation were beyond the scope of the services provided. It is possible that future additional work of subsurface information may modify the conclusions of this letter.

The opinions and conclusions presented in this letter are made in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

If you have any questions regarding this letter, please contact me and I remain...

Very truly yours,

D. Bailey Neff Civil Engineer Expires: 6/30/97

File No. 94271 August 18, 1994

#### TABLE 1

### SUMMARY OF LABORATORY COMPACTION

Sample No.	Source & Description	Max	dry density p.c.f.	Optimum moist. % dry wt.
1	<pre>Import: Livermore Brown, sandy, gravelly clay</pre>	7	124.0	11.5
2	Import: American Rock Baserock		125.0	12.0

### Nomenclature

File No. 94271 August 18, 1994

SG-subgrade EG-existing grade FG-finished grade AB-aggregate base

F denotes failing test R denotes retest

G-finished grade R denotes retes

Test <u>No</u> .	Date 1994	Test location	Elevation FT.	Dry Density p.c.f	Moisture %dry wt.	Rel. Comp. % of Max.	Sample No.
1	8/10	center	-8	115.9	13.27	93	1
2F	8/10	north	-7	104.1	12.51	83	1
3R	8/10	north	<del>-</del> 7	112.1	8.62	90	1
4	8/10	west	-6	111.9	11.76	90	1
5	8/10	south	-5	111.7	10.58	90	1
6	8/10	west	-4	114.5	13.60	92	1
7	8/10	east	-3	116.9	12.88	94	1
8	8/10	center	-2	117.9	12.34	95	1
9	8/10	north	-1	114.8	11.17	91	2
10	8/10	center	-1	120.4	9.73	96	2
11	8/10	south	-1	115.3	10.02	92	2

File No. 94271
August 18,1994

Building

8'

47'

14' excavation

**←**-N

	JOB: PQ40 DATE: 8/9/	77.Y
DRY DENSITY, PCF	100	PCF
•	5 10 15 20 25 30 MOISTURE, PERCENT	3SK

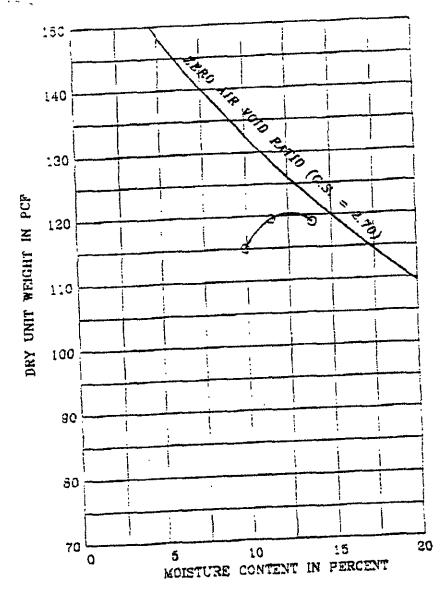
- 53-plad: 8/9/44

BSK & Associates, Chotechnical Consult	lants (V/
PROCTOR COMPACTION TEST	Chi
Freyerental JOB # 94-271	JOB P9402
1311 6 21/200 F QUELLO FINIS	5400

PROJECT Golden West 1	- 147 / 1. 374 P. 17/14-	10 100 11	94-271	JO	194027.2	
SOIL DESCRIPTION BROWN LOCATION BORING # SAMPLE	SANDY	GRAYELLY	1 (1-45)	DA'	TE Style	
LOCATION	106x 9V2	<u> </u>		TE	STED BY 872	
BORING # SAMPLE	<i>#</i>	DEPTH		SPECIFIC	GRAVITY	,
COMPACTION TIPE 23/21/2014	× v					
BLOWS PER LAYER >	NO. LA	YERS		IT. DROP	(INS) /2"	
WI. TAMPING ROD (16s) /0	VOL. C	YLINDER	(Cu Ft)	WT.	CYL. (Lbs)_	2014
TEST NUMBER	1,010,72	Y DETERM	3	/¥ .	]	6
the same of the sa	· · · · · · · · · · · · · · · · · · ·		T	·	<del></del>	<u> </u>
WATER ADDED (cc)		140				
WT. CYL. 4 WET SOIL (1bs)	,,	9,076	46183			
DEIGHT OF CYLINDER (16s)	21184	2 n#s*	24.4.	<del></del>	<u> </u>	
WEIGHT OF WET SOIL (lbs)		2011	2088	**** <u>****</u>		
WET DENSITY (pcf)		135.0				
DRY DENSITY (pcf)	11/2.4	122.6 E DETERM	1234			
	MOISTUR	E DETERM	INVLTON	·	-	
WT. DISH + WET SOIL (gm)					<b> </b>	383.
WT. DISH + DRY SOLL (gm)						23.
WEIGHT OF WATER (gm)		r	f marks			29.4
Wr. DISH + DRY SOIL (gm)	المعادية المستندية المستندية					
WEIGHT OF DISH (gm)		,,				
WEIGHT OF DRY SOIL (gm)						
MOISTURE CONTENT (%)	€.3	10.1	11.9			8.3
	MLX	CALCULATI	LUNS		*	
INITIAL WET WEIGHT (1bs)						
CORE DRY WEIGHT (16s)						
MOISTURE IN SAMPLE (16s)			/			
MOISTURE DESIRED (%)						
CALC. MOIST CORE DRY WEIGHT x % (16s)						
MOISTURE IN SAMPLE (16s)		THE WAY THE				
WATER ADDED (1bs) WATER ADDED = POUNDS			<u> </u>			
WATER ADDED = POUNDS _ x 453 (cc)						pain 146 F. A. pyrom 1 .

COMMENTS:

FORM 102 (Flev, 2)

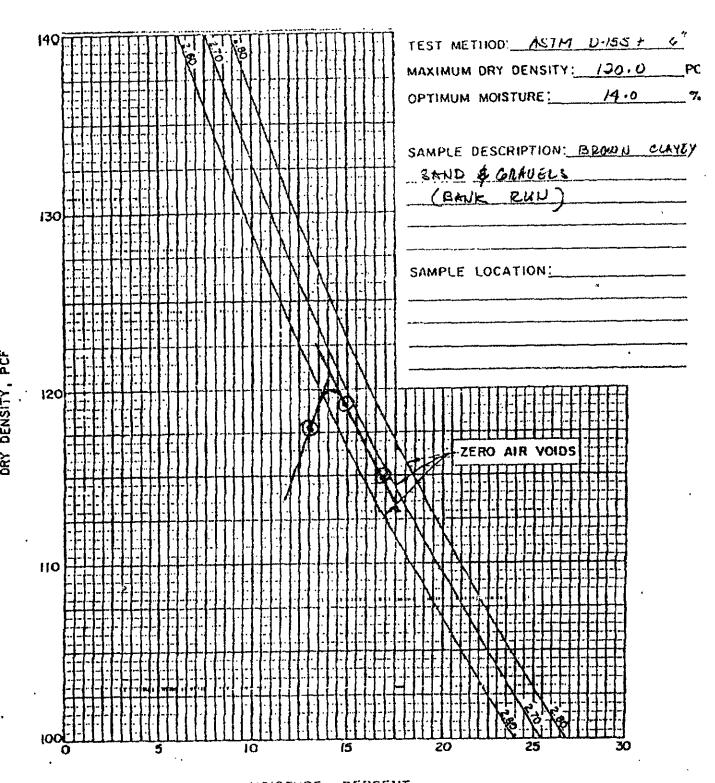


	SAMPLE	DEPTE (H)	DESCRIPTION	XELHOD	OPTIMUM MOISTURE (*)	DENSITY (pcf.)
SYMBOL	TOCYLION			ASTM 0-1557	: 2.5	120.3
0	Native	Surface	Brown Calyey, SILT	AGIN O TOO		

Remark: Exchange Court. Livermore  Project No.Mill-01   Sides Inc., Pipe Fabrication Facility  Justinians   COMPACTION TEST   Figure No.	
Instiniano GOLDA CTION TEST Figure No.	
& Associates	1

Wmerican Kock Kuchmond

JOB: <u>P94 027.2</u> OATE: <u>2/3 /94</u> FIGURE:



MOISTURE, PERCENT

