

REPORT OF FINDINGS
UNDERGROUND STORAGE TANK REMOVAL

923

EVERIDGE SERVICE
1211 7TH STREET
OAKLAND, CA 9461207
EPA # CAC000826784

PREPARED FOR:
Mr. Willie Everidge
1211 7th Street
Oakland, CA 94612

PREPARED BY:
APPLIED ENVIRONMENTAL SOLUTIONS INC.
2530 Berryessa Road, Suite 809
San Jose, CA 95132

December 1992

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APPLIED ENVIRONMENTAL SOLUTIONS INC.
2530 Berryessa Road, Suite 809
San Jose, CA 95132

Mr. Willie Everidge
1211 7th Street
Oakland, CA 94612

Project # 397
Dec. 10, 1992

Dear Mr. Everidge,

On October 20, 1992, APPLIED ENVIRONMENTAL SOLUTIONS INC. (AES) removed one 250-gallon and three 4,000-gallon underground storage tanks from the subject property located at 1211 7th Street, Oakland. The scope of our work included: submitting the tank removal permits as required by the City Of Oakland Fire Department, the Alameda County Department of Health and the California Water Resources Control Board; removing the underground storage tanks and associated product lines; collecting appropriate soil samples and providing for their analyses; and properly disposing of the removed storage tanks and product lines.

This Report of Findings summarizes the background of the site, history of the tank, results of the visual inspection of the tank and product line, subsurface sampling methods, analytical results of the soil samples, and our findings and recommendations.

Should you have any questions regarding this project or need additional information, please feel free to contact us at (408) 928-1550. APPLIED ENVIRONMENTAL SOLUTIONS INC. is pleased to be of service to you on this project.

Copies of this report should be sent to:

- o Inspector Gordon F. Gullett, City of Oakland Fire Prevention Bureau, 1330 Broadway, Oakland, CA 94612
- o Hazardous Materials Inspector Don Hwang, Alameda County Department of Environmental Health, 80 Swan Way, Rm. 200, Oakland CA 94621
- o Regional Water Quality Control Board, 2101 Webster Street, Suite 500, Oakland, CA 94612

Respectfully,



Mark Wuest
Staff Geologist

EXECUTIVE SUMMARY

On October 20, 1992, AES personnel removed one 250-gallon and three 4000-gallon, single wall steel, underground storage tanks from the subject property located at 1211 7th Street, Oakland, California. The 250-gallon tank pit excavation was approximately ten feet long by six feet wide, with the base of the tank resting at a depth of approximately eight feet below surface grade (bsg). The 4000-gallon tank pit excavation was approximately 24 feet long by 20 feet wide, with the base of each tank resting at a depth of approximately ten feet bsg. A well sorted, yellow sand was apparently used as backfill during the initial tank installation. The native soil encountered along the walls of the pit was typically a poorly sorted sandy silt from the one foot bsg to twelve feet bsg. Free standing product was observed beneath the center 4000-gallon tank. Product odor and staining were observed in the excavated soils and the walls and floor of the 4000-gallon tank removal pit. Ground water was not encountered during the tank removal.

Visual inspection of the 250-gallon tank and two of the 4000-gallon tanks indicated signs of leakage. Slight rust scaling was noted on the product lines, but no through-going holes were noted.

A total of eight soil samples were collected from the native soils approximately two feet below each former tank location, two samples for each of the 4000-gallon gasoline tanks and one for the 250-gallon waste oil tank. In addition to these seven samples, one sample was collected from the soil stockpile. All soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg); Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) and Lead. The sample collected below the waste oil tank was also analyzed for Total Petroleum Hydrocarbons as diesel (TPHd); Oil and Grease; Purgeable Halocarbons; Acid Base/Neutral Extractables; Cadmium; Chromium; Nickel and Zinc.

Analytical results indicated the presence of TPHg, BTEX and Lead in all samples taken from the 4000-gallon tank removal pit and from the soil stockpile. Analytical results for the 250-gallon (waste oil) tank removal pit did not indicate the presence of TPHg, TPHd, BTEX, Oil and Grease, Purgeable Halocarbons, or Acid Base/Neutral Extractables, at or above their respective detection limits.

The analytical results of the soil samples taken from the bottom of the tank pits seem to indicate that the site has been adversely impacted by petroleum hydrocarbon contamination. Further soil and/or ground water investigation, to determine the extent of the petroleum hydrocarbon contamination, may be required by regulatory agencies.

SITE BACKGROUND/TANK HISTORY

The subject property is an automobile service station surrounded by apartments to the north, warehouses to the east and west and by the 880 freeway to the south. According to the owner, the tanks were initially installed in 1960. The 250-gallon tank was used for storage of waste oil. The three 4000-gallon tanks were used for storage of gasoline. The tanks were last used on August 22, 1991.

EXCAVATION OF SOILS

On October 20, 1992, soils were excavated by AES personnel from above and along the sides of the tanks in order to expose their top and walls in preparation for removal.

The material encountered in the tank pit was a well sorted yellow sand that was apparently used as backfill during the initial tank installation. The native soil encountered along the walls of the pit was typically a poorly sorted, brown sandy silt from one foot bsg to twelve feet bsg. The area was surfaced with asphalt over engineered fill to one foot bsg.

The tops of the 4000-gallon tanks were encountered at a depth of approximately four feet bsg. The 4000-gallon tank pit was enlarged to approximately 24 feet long by 20 feet wide, with the base of the tank resting at approximately ten feet bsg. The top of the 250-gallon tank was encountered at a depth of approximately four feet bsg. The tank pit was enlarged to approximately ten feet long by six feet wide, with the base of the tank resting at approximately eight feet bsg. Product odor and staining were observed in the excavated soils and the walls and floor of the 4000-gallon tank removal pit. Free standing product was observed beneath the center 4000-gallon tank. Ground water was not encountered during the removal process.

TANK AND PRODUCT LINE REMOVAL

On October 20, 1992 AES personnel exposed the tops and walls of the underground storage tanks in preparation for their removal. Inspector Gordon F. Gullett of the Oakland Fire Department and Hazardous Materials Specialist Don Hwang of the Alameda County Department of Environmental Health were on site to witness the tank removal.

Before the tanks were removed, dry ice (CO₂) was inserted into each tank in order to inert any residual volatiles remaining in the tank. The 4000-gallon tanks required 250 pounds of dry ice each and the 250-gallon tank required 50 pounds of dry ice. After each tank was allowed to devolatilize for a sufficient amount of time,

a probe attached to a GasTech Model 1314 Gastehtor was placed inside the tank to measure the lower explosive limit (LEL) and oxygen level (OL). According to safety guidelines, the LEL must be below twenty percent (20%) and the OL must be below ten percent (10%) in order for a tank to be safely removed and transported. When readings below this level were measured, the tanks were prepared for removal. Each tank was removed by attaching heavy duty steel chain to the lifting points on the tank and attaching this assembly to a crane provided by Redwood Crane Service of Castro Valley, California. The crane then lifted each tank from its pit and placed it in a staging area for inspection.

Visual inspection of the 250-gallon tank and two of the 4000-gallon tanks indicated signs of leakage. Through-going holes up to one-quarter inch were observed. The product lines appeared to be intact, exhibiting only a minor amount of rust scaling.

After the visual inspection of the tanks was completed, the tanks and product lines were loaded onto an Erickson Inc. transport truck (EPA #CAD009466392) and taken to the Erickson recycling facility located at 255 Parr Blvd., Richmond, California. The tanks were subsequently steam cleaned, rendered harmless, and dismantled. The tanks were ultimately disposed of as scrap metal at LMC Metals, Richmond, California. Copies of the Hazardous Waste Manifest and Certificate of Disposal are included in Appendix B. ✓

SOIL SAMPLING PROTOCOL

On October 20, 1992, under the supervision of Hazardous Materials Specialist Don Hwang of the Alameda County Department of Environmental Health, AES personnel collected eight soil samples; two samples from native soil two feet beneath the base of each 4000-gallon tank (twelve feet total depth), one sample from native soil two feet beneath the base of the 250-gallon tank (ten feet total depth) and one sample from the soil stockpile. Soil samples W-1 and E-1 were collected from below the northern 4000-gallon tank (tank 1). Soil samples W-2 and E-2 were collected from below the center 4000-gallon tank (tank 2). Soil samples W-3 and E-3 were collected from below the southern 4000-gallon tank (tank 3). Soil sample SP-1 was collected from the soil stockpile. Soil sample WO-1 was collected below the base of the 250-gallon (waste oil) tank. The soil sampling locations are indicated in Figure 3, Sampling Location Map.

The "grab sample" method was used to collect each soil sample. With this technique, a clean 2-inch outside diameter, 6-inch long brass sampling tube was hand-driven into the excavated soils in the bucket of a backhoe. Care was taken in recovering the sample at locations away from the walls of the bucket in order to reduce the possibility of contamination from the bucket. Upon recovery of the sample, the ends of the brass tube were sealed with aluminum foil,

capped with polyethylene end caps, secured with aluminized tape, and properly labeled. The label information included the date, identification number, and project name and number. Under proper Chain of Custody procedures, the samples were placed on ice inside a thermally-insulated cooler for transport to a State-certified analytical laboratory. A copy of the completed Chain of Custody form, which includes the time of sampling and the analysis requested, is included in Appendix C.

The soil samples were submitted to Priority Environmental Labs, of Milpitas, California (State-certification #1708) and were analyzed for the following parameters: Total Petroleum Hydrocarbons as gasoline (TPHg) using EPA Method 5030/8015; Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) using EPA Method 8020 and Lead using EPA method 7420. Soil sample WO-1 was also analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) using EPA Method 3550/8015; Oil and Grease using EPA method 5520 D & F; Purgeable Halocarbons using EPA method 8020; Acid and Base/Neutral Extractables using EPA method 8270; Cadmium using EPA method 7130; Chromium using EPA method 7190; Nickel using EPA method 7520 and Zinc using EPA method 7950.

ANALYTICAL RESULTS

The analytical results for soil samples are shown in Table 1. Included in this table is the detection limit for each of the parameters. A copy of the laboratory report is included in Appendix C.

Analytical results indicated the following:

Soil sample E-1 contained TPHg at 15000 parts per million (ppm), Benzene at 12000 parts per billion (ppb), Toluene at 15000 ppb, Ethylbenzene at 19000 ppb, Total Xylenes at 53000 ppm and Lead at 18 ppm.

Soil sample W-1 contained TPHg at 3200 ppm, Benzene at 2100 ppb, Toluene at 2900 ppb, Ethylbenzene at 6800 ppb, Total Xylenes at 9600 ppm and Lead at 1400 ppm.

Soil sample E-2 contained TPHg at 20000 ppm, Benzene at 18000 ppb, Toluene at 26000 ppb, Ethylbenzene at 25000 ppb, Total Xylenes at 98000 ppm and Lead at 8.2 ppm.

Soil sample W-2 contained TPHg at 11000 ppm, Benzene at 15000 ppb, Toluene at 16000 ppb, Ethylbenzene at 18000 ppb, Total Xylenes at 46000 ppm and Lead at 7.2 ppm.

Soil sample E-3 contained TPHg at 11000 ppm, Benzene at 9600 ppb, Toluene at 14000 ppb, Ethylbenzene at 18000 ppb, Total Xylenes at 48000 ppm and Lead at 18 ppm.

Soil sample W-3 contained TPHg at 3400 ppm, Benzene at 2400 ppb, Toluene at 4500 ppb, Ethylbenzene at 3400 ppb, Total Xylenes at 14000 ppm and Lead at 4.8 ppm.

Soil sample SP-1 contained TPHg at 870 ppm, Benzene at 1000 ppb, Toluene at 1200 ppb, Ethylbenzene at 1600 ppb, Total Xylenes at 4600 ppm and Lead at 95 ppm.

Soil sample WO-1 contained Cadmium at 0.4 ppm, Chromium at 62 ppm, Lead at 190 ppm, Nickel at 32 ppm and Zinc at 70 ppm. TPHg, TPHd, BTEX, Oil and Grease, Purgeable Halocarbons, and Acid Base/Neutral Extractables were not present at or above method detection limits.

Sample I.D. Number	TPHg (ppm)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Total Xylenes (ppb)	Total Lead (ppm)
tank 1 (E-1 12' by)	15000 ✓	12000 ✓	15000	19000	53000	18 ✓
(W-1)	3200 ✓	2100 ✓	2900	6800	9600	1400
tank 2 (E-2)	20000 ✓	18000 ✓	26000	25000	98000	8.2 ✓
(W-2)	11000 ✓	15000 ✓	16000	18000	46000	7.2 ✓
tank 3 (E-3)	11000 ✓	9600 ✓	14000	18000	48000	18 ✓
(W-3)	3400 ✓	2400 ✓	4500	3400	14000	4.8 ✓
SP-1	870 ✓	1000 ✓	1200	1600	4600	95 ✓
WO-1 10' by	N.D. ✓	N.D. ✓	N.D.	N.D.	N.D.	N.D. 190
DETECTION LIMIT	1.0	5.0	5.0	5.0	5.0	1.0
METHOD OF ANALYSIS	5030/8015	8020	8020	8020	8020	7420
N.D. = Not Detected ppm = parts per million (mg/l or mg/kg equivalent) ppb = parts per billion (ug/l or ug/kg equivalent)						

Table I: Analytical Results (TPHg, BTEX, and TPHd)

Sample I.D. Number	TPHd (ppm)	Oil & Grease (ppm)	Purgeable Halocarbons (ppb) 8010	Acid Base/Neutral Extractables (ppm) 8270
WO-1	N.D. ✓	N.D. ✓	N.D. ✓	N.D. ✓
DETECTION LIMIT	1.0	10	5.0	0.4 to 1.0 *
METHOD OF ANALYSIS	3550/ 8015	5520/ D & F	8010	8270

N.D. = Not Detected
 ppm = parts per million (mg/l or mg/kg equivalent)
 ppb = parts per billion (ug/l or ug/kg equivalent)
 * See Appendix C for individual detection limits

Table 2: Analytical Results, (TPHd, Oil and Grease, Purgeable Halocarbons and Acid Base/Neutral Extractables.)

Sample I.D. Number	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)
WO-1	0.4 ✓	62 ✓	190 ✓	32 ✓	70 ✓
DETECTION LIMIT	0.1	1.0	1.0	1.0	1.0
METHOD OF ANALYSIS	7130	7190	7420	7520	7950

N.D. = Not Detected
 ppm = parts per million (mg/l or mg/kg equivalent)

Table 3: Analytical Results, Waste Oil Tank (Cadmium, Chromium, Lead, Nickel, Zinc)

FINDINGS AND RECOMMENDATIONS

Findings

The results and findings of our underground storage tank removal program may be summarized as follows:

- o A well sorted, yellow sand was apparently used as backfill during the initial tank installation.
- o The native soil encountered along the walls of the pit was typically a poorly sorted, brown sandy silt from the one foot bsg to twelve feet bsg.
- o Free standing product, product odor and staining were observed in the excavated soils and the walls and floor of the 4000-gallon tank removal pit.
- o Ground water was not encountered during the tank removal.
- o Visual inspection of the 250-gallon tank and two of the 4000-gallon tanks indicated signs of leakage. Slight rust scaling was noted on the product lines, but no through-going holes were noted.
- o Analytical results indicated soil samples from the 4000-gallon tank pit contained TPHg ranging from 870 ppm to 20000 ppm, Benzene from 1000 ppb to 18000 ppm, Toluene from 1200 ppb to 26000 ppm, Ethylbenzene from 1600 ppb to 25000 ppm, Total Xylenes from 4600 ppm to 98000 ppm and Lead from 4.8 ppm to 1400 ppm.
- o Analytical results for the soil sample from the 250-gallon (waste oil) tank pit indicated the presence of Cadmium at 0.4 ppm, Chromium at 62 ppm, Lead at 190 ppm, Nickel at 32 ppm and Zinc at 70 ppm.
- o Analytical results for the soil sample from the 250-gallon (waste oil) tank pit did not indicate the presence of TPHg, TPHd, BTEX, Oil and Grease, Purgeable Halocarbons, or Acid Base/Neutral Extractables in concentrations at or above detection limits.

Recommendations

The analytical results of the samples taken from below the removed tanks seem to indicate that the site has been adversely impacted by petroleum hydrocarbon contamination. Further soil and/or ground water investigation, to determine the extent of the petroleum hydrocarbon contamination, may be required by regulatory agencies.

LIMITATIONS

The conclusions and professional guidelines presented herein were developed in accordance with generally accepted practice for addressing fuel leaks from underground storage tanks as outlined in guidelines from the Oakland Fire Department, the Alameda County Department of Environmental Health, and the California Water Quality Control Board. Because the analytical results are based on data collected from the sampling locations only, AES cannot have full knowledge of the underlying conditions at the site. Conditions at the project site may change with time due to the works of man and/or acts of nature. Accordingly, the findings of this report may be invalidated, wholly or partly, by changes beyond the control of AES.

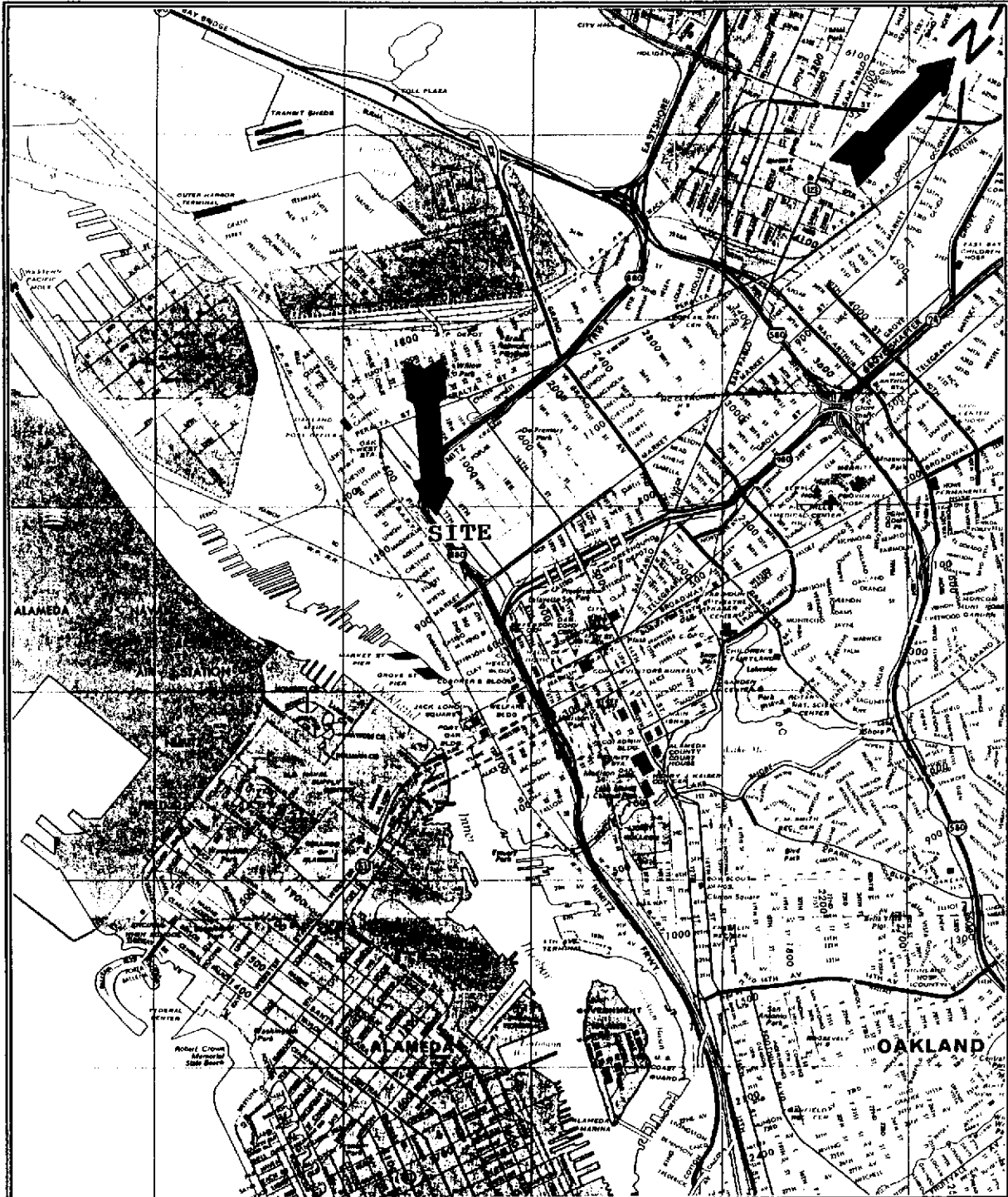


FIGURE 1: SITE LOCATION MAP Scale: 1 inch = 3200 feet November 23, 1992

EVERIDGE SERVICE

APPLIED ENVIRONMENTAL SOLUTIONS INC.

Source: Rand McNally Oakland

Working towards a pollution free environment.

Mark L. Wuest Staff Geologist



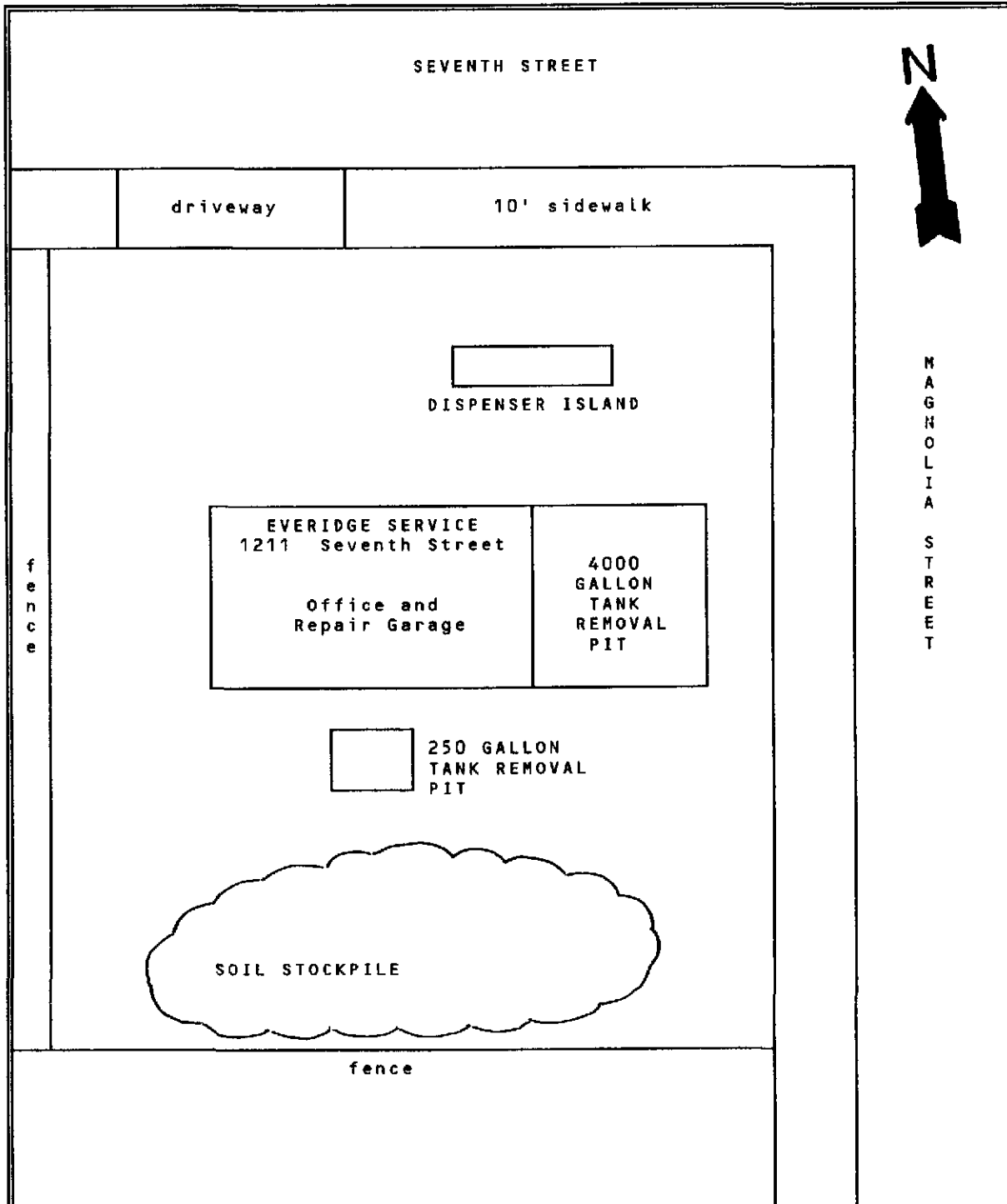



FIGURE 2: SITE CHARACTERIZATION MAP		November 23, 1992	
EVERIDGE SERVICE		APPLIED ENVIRONMENTAL SOLUTIONS INC.	
SCALE: 1 inch = 20 feet		Working towards a pollution free environment.	
Mark L. Wuest Staff Geologist			

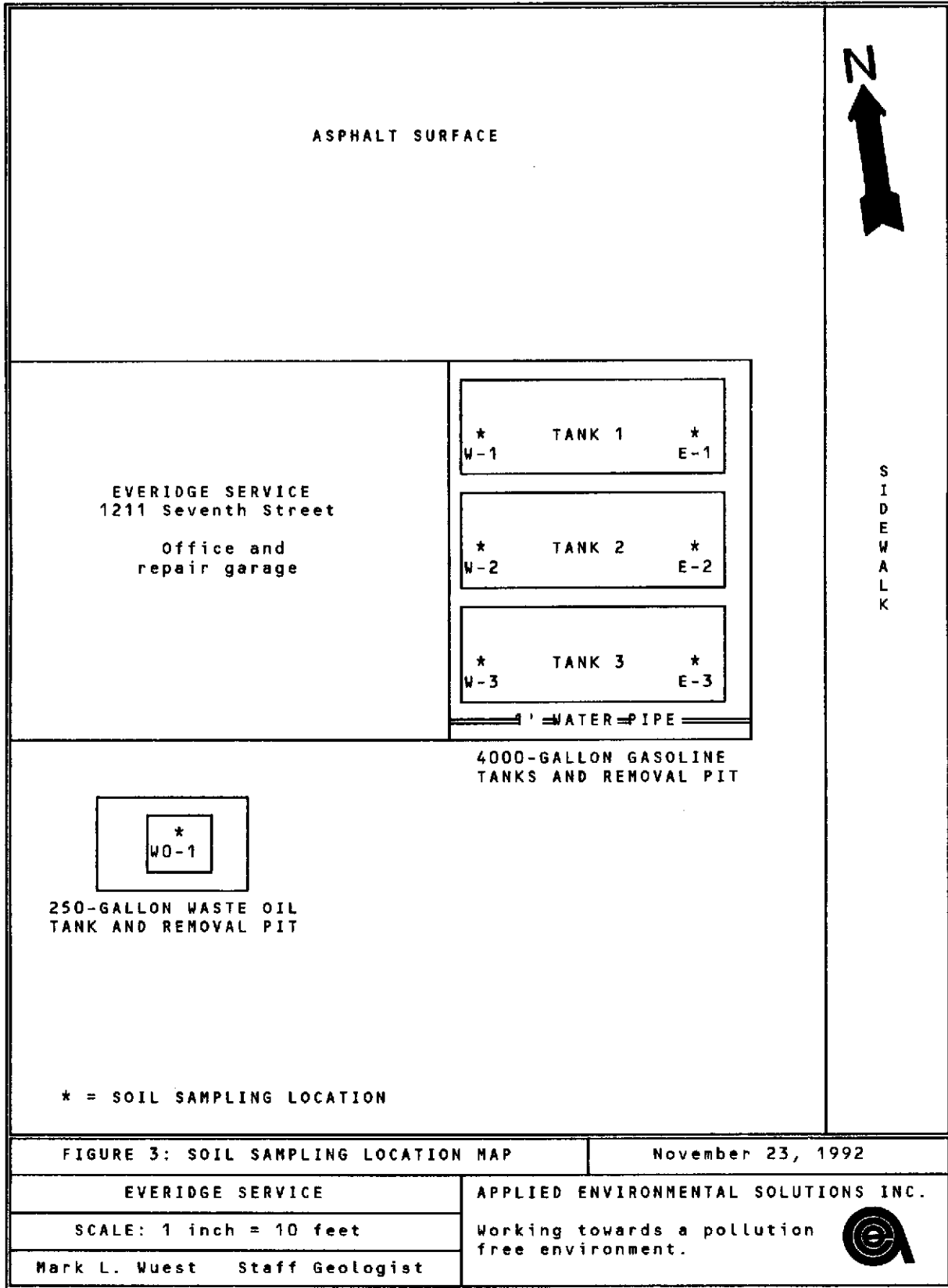


FIGURE 3: SOIL SAMPLING LOCATION MAP

November 23, 1992

EVERIDGE SERVICE

APPLIED ENVIRONMENTAL SOLUTIONS INC.

SCALE: 1 inch = 10 feet

Working towards a pollution
free environment.

Mark L. Wuest Staff Geologist



APPENDIX A

TANK REMOVAL PERMITS

CITY OF OAKLAND

Permit to Excavate and Install, Repair or Remove Inflammable Liquid Tank

Application Form No. _____
Permit No. _____

City of Oakland, California _____

EXCAVATING PERMIT

GENERAL DEPT.

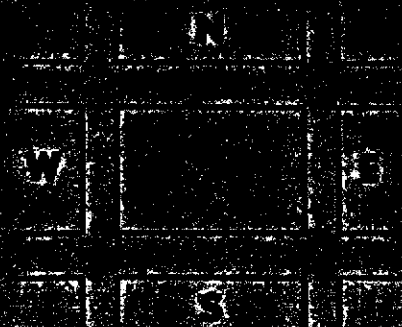
BUREAU OF PERMITS AND LICENSES

200-5011-66/21104-234-876/15

Received by V. Arnold

THE PREVENTION BUREAU

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.



CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and found _____
Inspector _____

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed
When ready for inspection notify Fire Prevention Bureau, 278-5851



City of Oakland
CASH RECEIPT

Cash Receipt No 673164

Cash Receipt Voucher # C R

Cash
Check

Payment Received from Applied Environmental

DIRECT CASH CREDITS

Item	Remarks	Fund/SF	Organization	Account	Proj/Grant/ Cost Ctr/WO	Yr	Loc	Task	Dept Specific	Fixed Asset No	Trans ID	Revenue Source	Amount
1	Tank Removal	10100	20310	42412		3							200.-
2													.
3	Tank Removal	10100	20310	42412		3							80.-
4													.
5													.
SUBTOTAL												280.-	

Auxiliary Receipt Reference # tank removal 1211 - 7th Street check #1210

Explanation: ✓ ✓ 1225 - 7th Street check #1209

ACCOUNTS RECEIVABLES

Item	Description	Customer Number	Invoice Number	Amount
1				.
2				.
3				.
4				.
5				.
SUBTOTAL				.
TOTAL				280.00

<u>Julie Prentiss</u> Department Collecting the Cash	Received by:	Entered by:
	<u>Julie</u> 10/15/92	Treasury Section
Received by:	RRCC or Grant Fiscal Affairs	



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

Grose

NOTIFICATION FORM

Removal or Replacement of Tanks
 Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS <u>1811 7th Street</u>	
CITY, STATE <u>Oakland CA</u>	ZIP <u>94607</u>
OWNER NAME <u>Willie Everidge</u>	
SPECIFIC LOCATION OF PROJECT <u>same as above</u>	
TANK REMOVAL	CONTAMINATED SOIL EXCAVATION
SCHEDULED STARTUP DATE <u>10/14/92</u>	SCHEDULED STARTUP DATE _____
VAPORS REMOVED BY:	STOCKPILES WILL BE COVERED? YES _____ NO _____
<input type="checkbox"/> WATER WASH	ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
<input checked="" type="checkbox"/> VAPOR FREEING (CO ₂)	_____
<input type="checkbox"/> VENTILATION	(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME APPLIED ENVIRONMENTAL SOLUTIONS CONTACT <u>ROBERT J. WHITMAN</u>	
ADDRESS <u>2530 BERRYESSA RD., STE. 809</u> PHONE <u>(408) 928-1550</u>	
CITY, STATE, ZIP <u>SAN JOSE, CA 95132-2903</u>	

CONSULTANT INFORMATION (IF APPLICABLE)

NAME _____	CONTACT _____
ADDRESS _____	PHONE () _____
CITY, STATE, ZIP _____	

FOR OFFICE USE ONLY

DATE RECEIVED FAX _____	BY _____
DATE POSTMARKED <u>10/7/92</u>	BY <u>R.L.</u> (init.)
CC: INSPECTOR NO. <u>524</u>	DATE <u>10/9/92</u>
UPDATE: CONTACT NAME _____	DATE _____
BAAQMD N # _____	DATA ENTRY <u>10/13/92</u>
	BY <u>PLG</u> (init.)
	BY _____ (init.)

APPENDIX B

HAZARDOUS WASTE MANIFEST/CERTIFICATE OF DISPOSAL

7892

See Instructions on back of page 6.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7928

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA100082678489083		Manifest Document No. 83		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Willie EVERIDGE 1211 7TH Street OAKLAND CALIFORNIA 94607				A. State Manifest Document Number 92289083		B. State Generator's ID			
4. Generator's Phone 510 452-0266				5. Transporter 1 Company Name TRIDENT TRUCK LINES INC		6. US EPA ID Number CA0982484370		C. State Transporter's ID 309984	
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone (510) 783-2381		E. State Transporter's ID	
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94901				10. US EPA ID Number CA0009466466		F. Transporter's Phone		G. State Facility's ID	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.				No. 001 Type TP		Quantity 04000		Unit P	
b.								I. Waste Number State	
c.								EPA/Other NONE	
d.								State	
								EPA/Other	
J. Additional Descriptions for Material Listed Above Qty. ONE Empty Storage Tank (a) 9823 Tank (a) have been inspected with 12 lbs Dry Ice per 1000 gal capacity				K. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s 24 Hr. Contact Name Willie Everidge & Phone (510) 452-0266									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Month 10 Day 20 Year 92	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name VITA WISE				Signature <i>[Signature]</i>				Month 10 Day 20 Year 92	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name				Signature				Month Day Year	

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAC00082678489089** Manifest Document No. **089** 2. Page 1 of 1
 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
**Willie Everidge 1211 7th Street
 OAKLAND, CALIFORNIA 94607**

A. State Manifest Document Number
82289089

4. Generator's Phone
510 452-0266

B. State Generator's ID

5. Transporter 1 Company Name
ERICKSON INC.

C. State Transporter's ID
309176

6. US EPA ID Number
CAD009466392

D. Transporter's Phone
(510) 235-1393

7. Transporter 2 Company Name

E. State Transporter's ID

8. US EPA ID Number

F. Transporter's Phone

9. Designated Facility Name and Site Address
**Erickson, Inc.
 255 Parr Blvd.
 Richmond, Ca. 94801**

G. State Facility's ID

H. Facility's Phone
(510) 235-1393

10. US EPA ID Number

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)
**Waste Empty Storage Tank
 NON-RCRA Hazardous Waste Solid.**

12. Containers
 No. Type

13. Total Quantity
003 T P 08250

14. Unit Wt/Vol
P

15. Waste Number	16. EPA/Other
	NONE
	State
	EPA/Other
	State
	EPA/Other
	State
	EPA/Other

17. Additional Descriptions for Manifest Listed Above
**Waste Empty Storage Tank (EST) 08250
 Tank (s) have been treated with 15 gal.
 Dry Ice per 1000 Gall Capacity.**

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
**Keep away from sources of ignition. Always wear hardhat when working around
 U.S.D.'s 24 Hr. Contact Name Willie Everidge Phone (510) 452-0266**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Willie Everidge** Signature _____ Month **11** Day **02** Year **092**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **JIM COX ERICKSON INC** Signature **Jim Cox** Month **11** Day **02** Year **092**

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

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7555
 GENERATOR
 FACILITY

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 10174

CUSTOMER'S ENVIRO

JOB NO. 79892 ✓

FOR: Erickson, Inc. TANK NO. 9895 ✓

LOCATION: Richmond DATE: 10/23/92 TIME: 08:24:07

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT CO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

250 Gallon Tank

SAFE FOR FIRE

TANK SIZE

CONDITION

OXYGEN 20.9%

REMARKS:

LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN
CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS
WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the inspector, the residues are not capable of producing a higher concentration than permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. Aito
REPRESENTATIVE

TITLE

DS
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY
255 Parr Boulevard - Richmond, California 94801

NO. 10228

CUSTOMER
APPLIED ENVIRO
JOB NO. 79892

FOR: Erickson, Inc. TANK NO. 9892 ✓

LOCATION: Richmond DATE: 10/27/92 TIME: 10:47:32

TEST METHOD Visual Gastech/1314 SMPX LAST PRODUCT LG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION
SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.
SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.
K. Aito REPRESENTATIVE TITLE DS INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 10229

CUSTOMER
APPLIED ENVIRO
JOB NO. 79892

FOR: Erickson, Inc. TANK NO. 9893

LOCATION: Richmond DATE: 10/27/92 TIME: 10:47:32

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT LG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN
CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS
WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

K. A. [Signature]
REPRESENTATIVE

TITLE

[Signature]
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY
255 Parr Boulevard - Richmond, California 94801

NO. 10130

CUSTOMER	APPLIED ENVIRO
JOB NO.	79892

FOR: Erickson, Inc. TANK NO. 9894 ✓

LOCATION: Richmond DATE: 10/22/92 TIME: 12:58:14

TEST METHOD Visual Gastech/1314 SMPN LAST PRODUCT LG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 4000 Gallon Tank CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9%
LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

"ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY."

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

[Signature]
REPRESENTATIVE

TITLE

[Signature]
INSPECTOR

APPENDIX C

LABORATORY REPORT/CHAIN OF CUSTODY



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 23, 1992

PEL # 9210042

APPLIED ENVIRONMENTAL SOLUTIONS, INC.

Attn: Mark Wuest

Re: Eight soil samples for Gasoline/BTEX, Diesel, and Oil & Grease analyses.

Project name: Everidge ✓

Project number : 397

Date sampled: Oct 20, 1992 ✓

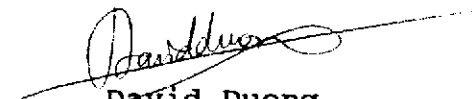
Date submitted: Oct 21, 1992

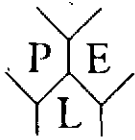
Date extracted: Oct 21-23, 1992

Date analyzed: Oct 21-23, 1992

RESULTS:

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Oil & Grease (mg/Kg)
E-1	15000 ✓	---	12000 ✓	15000	19000	53000	---
E-2	20000 ✓	---	18000 ✓	26000	25000	98000	---
E-3	11000 ✓	---	9600 ✓	14000	18000	48000	---
W-1	3200 ✓	---	2100 ✓	2900	6800	9600	---
W-2	11000 ✓	---	15000 ✓	16000	18000	46000	---
W-3	3400 ✓	---	2400 ✓	4500	3400	14000	---
SP-1	870 ✓	---	1000 ✓	1200	1600	4600	---
WO-1	N.D. ✓	N.D. ✓	N.D. ✓	N.D.	N.D.	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	92.0%	97.1%	94.5%	92.3%	98.9%	92.5%	---
Duplicate Spiked Recovery	83.4%	86.3%	100.1%	98.8%	103.2%	99.6%	---
Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of Analysis	5030 / 8015	3550 / 8015	8020	8020	8020	8020	5520 D & F


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 31, 1992

PEL # 9210042

APPLIED ENVIRONMENTAL SOLUTIONS

Attn: Mark Wuest

Re: Eight soil samples for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: Everidge

Project number: 397

Date sampled: Oct 20, 1992

Date submitted: Oct 21, 1992

Date extracted: Oct 30-31, 1992

Date analyzed: Oct 30-31, 1992

RESULTS:

SAMPLE I.D.	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
E-1	---	---	18 ✓	---	---
E-2	---	---	8.2 ✓	---	---
E-3	---	---	18 ✓	---	---
W-1	---	---	1400 ✓	---	---
W-2	---	---	7.2 ✓	---	---
W-3	---	---	4.8 ✓	---	---
SP-1	---	---	95 ✓	---	---
WO-1	0.4	62	190 ✓	32 ✓	70 ✓
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.1	1.0	1.0	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 23, 1992

PEL # 9210042

APPLIED ENVIRONMENTAL SOLUTIONS, INC.
Project name: Everidge

Attn: Mark Wuest
Project number: 397

Sample I.D.: WO-1 ✓

Date Sampled: Oct 20, 1992
Date Analyzed: Oct 21-22, 1992

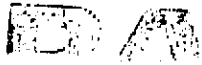
Date Submitted: Oct 21, 1992

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	91.4
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	87.6
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	90.2
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	103.8
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	88.5
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Attn: David Duong
 Priority Environmental Labs
 1764 Houret Court
 Milpitas, CA 95035

Received: 10/29/92
 Reported: 11/04/92
 Job #: 74054

Project: #9210042
 Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
 EPA Method 8270 (Low Level)
 mg/Kg

Lab I.D.: 74054-1
 Client I.D.: WO-1

ACID COMPOUNDS

CONCENTRATION

LIMIT OF DETECTION

Phenol	ND<0.08	0.08
chlorophenol	ND<0.06	0.06
methyl phenol	ND<0.09	0.09
4-methyl phenol	ND<0.10	0.10
2-nitrophenol	ND<0.06	0.06
2,4-dimethylphenol	ND<0.10	0.10
2,4-dichlorophenol	ND<0.10	0.10
4-chloro-3-methylphenol	ND<0.10	0.10
2,4,5-trichlorophenol	ND<0.07	0.07
2,4,6-trichlorophenol	ND<0.08	0.08
2,4-dinitrophenol	ND<0.40	0.40
4-nitrophenol	ND<0.10	0.10
2-methyl-4,6-dinitrophenol	ND<0.10	0.10
Pentachlorophenol	ND<0.30	0.30

BASE/NEUTRAL COMPOUNDS

N-nitrosodimethylamine	ND<0.10	0.10
Bis(2-chloroethyl) ether	ND<0.04	0.04
1,3-dichlorobenzene	ND<0.50	0.50
1,4-dichlorobenzene	ND<0.50	0.50
1,2-dichlorobenzene	ND<0.40	0.40
Bis-(2-chloroisopropyl) ether	ND<0.20	0.20

ND = Not Detected

Jaime Chow
 Jaime Chow
 Laboratory Director

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002

FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Attn: David Duong
Priority Environmental Labs

Received: 10/29/92
Reported: 11/04/92
Job #: 74054

Project: #9210042
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 ← Low Level
mg/Kg

Lab I.D.: 74054-1
Client I.D.: WO-1

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
nitrosodi-n-propylamine	ND<0.10	0.10
Hexachloroethane	ND<0.50	0.50
Nitrobenzene	ND<0.06	0.06
Isophorone	ND<0.09	0.09
Bis-(2-chloroethoxy)methane	ND<0.10	0.10
1,2,4-trichlorobenzene	ND<0.30	0.30
Napthalene	ND<0.20	0.20
Hexachlorobutadiene	ND<0.50	0.50
2-chloronaphthalene	ND<0.05	0.05
2-methyl naphthalene	ND<0.20	0.20
4-chloroaniline	ND<0.10	0.10
2-nitroaniline	ND<0.10	0.10
3-nitroaniline	ND<0.10	0.10
4-nitroaniline	ND<0.10	0.10
Hexachlorocyclopentadiene	ND<0.20	0.20
Dimethyl phthalate	ND<0.04	0.04
Acenaphthylene	ND<0.04	0.04
Acenaphthene	ND<0.04	0.04
2,4-dinitrotoluene	ND<0.10	0.10
2,6-dinitrotoluene	ND<0.06	0.06
Diethyl phthalate	ND<0.10	0.10
4-chlorophenylphenylether	ND<0.05	0.05
Fluorene	ND<0.20	0.20
N-nitrosodiphenylamine	ND<0.09	0.09
4-bromophenylphenylether	ND<0.07	0.07

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (510) 222-3002 FAX (510) 222-1251

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 1150

Attn: David Duong
Priority Environmental Labs

Received: 10/29/92
Reported: 11/04/92
Job #: 74054

Project: #9210042
Matrix: Soil

ACID & BASE/NEUTRAL EXTRACTABLES
EPA Method 8270 - Low Level
mg/Kg

Lab I.D.: 74054-1
Client I.D.: WO-1

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>CONCENTRATION</u>	<u>LIMIT OF DETECTION</u>
Hexachlorobenzene	ND<0.20	0.20
Phenanthrene	ND<0.10	0.10
Anthracene	ND<0.20	0.20
Di-n-butylphthalate	ND<0.20	0.20
Fluoranthene	ND<0.50	0.50
Benzidine	ND<1	1
Pyrene	ND<0.60	0.60
Benzylbutylphthalate	ND<0.10	0.10
3,3'-dichlorobenzidine	ND<0.30	0.30
Benzo(a)anthracene	ND<0.30	0.30
Bis-(2-ethylhexyl)phthalate	ND<0.10	0.10
Chrysene	ND<0.30	0.30
Di-n-octylphthalate	ND<0.13	0.13
Benzo(b)fluoranthene	ND<0.20	0.20
Benzo(k)fluoranthene	ND<0.40	0.40
Benzo(a)pyrene	ND<0.09	0.09
Indeno(1,2,3-cd)pyrene	ND<0.20	0.20
Dibenzo(a,h)anthracene	ND<0.20	0.20
Benzo(ghi)perylene	ND<0.20	0.20

ND = Not detected



EL # 9210042

INV # 23142

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

DATE: 10/20/92 PAGE: 1 OF: 1

PROJECT MGR.: Mark Wuest
 COMPANY: AES
 ADDRESS: _____
 PHONE: _____ FAX: _____
 SIGNATURE: Mark Wuest

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TPH-Gasoline (EPA 5030.8015)	TPH-Gasoline (5030.8015) w/BTEX (EPA 602.8020)	TPH-Diesel (EPA 3510/3550.8015)	PURGEABLE AROMATICS BTEX (EPA 602.8020)	TOTAL OIL & GREASE (EPA 5570 E&F)	PESTICIDES/PCB (EPA 608.8080)	TOTAL RECOVERABLE HYDROCARBONS EPA 418.1	TOTAL LEAD AA	5 METALS	8010	8270	NUMBER OF CONTAINERS
E-1	10/20		Soil		X							X				1
W-1					X							X				1
E-2					X							X				1
W-2					X							X				1
E-3					X							X				1
W-3					X							X				1
SP-1					X							X				1
WO-1	∇		∇		X	X			X				X	X	X	1

PROJECT INFORMATION		SAMPLE RECEIPT		RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:	
PROJECT NAME: <u>EVERIDGE</u>	TOTAL # OF CONTAINERS <u>8</u>	SIGNATURE: <u>Mark Wuest</u>		SIGNATURE: <u>THANH LAM</u>		SIGNATURE:		SIGNATURE:		SIGNATURE:	
PROJECT NUMBER: <u>397</u>	RECD. GOOD COND./COLD	NAME: <u>10/21/92</u>		NAME: <u>10/21/92</u>		NAME: <u>9:40 AM</u>		NAME:		NAME:	
INSTRUCTIONS & COMMENTS:		COMPANY: <u>AES</u>		COMPANY: <u>DEL</u>		COMPANY:		COMPANY:		COMPANY:	