



May 19, 1989

260 Cristich Lane  
Campbell, CA 95008

(408)559-1220

Mr. Robert Falconer  
Anderson Lift  
310 Bartlett Ave.  
Hayward, CA 94541



Subject: UNDERGROUND TANK REMOVAL  
310 Bartlett Ave.  
Hayward, California

310 Bartlett Avenue  
Hayward, California 94541  
(415) 785-3911 or 352-1653

CAL ANDERSON

Dear Mr. Falconer:

On April 26, 1989, GEO-ENVIRONMENTAL TECHNOLOGY (G.E.T.), removed one underground storage tank from the property located at 310 Bartlett Ave. in Hayward, California (see Plate 1, Site Map). The scope of the work included: obtaining the tank closure permit as required by the Alameda County Environmental Health Department; obtaining the tank closure permit as required by Eden Consolidated Fire Department in San Lorenzo; providing for the excavation and the removal of the tank and the piping known to be associated with the tank; performing the inspection of the tank; the collection of the appropriate samples from the excavation created by the removal of the tank; and providing for the proper disposal of the tank. This letter summarizes the history of the tank, the procedures and the results of the inspection, subsurface sampling, and laboratory testing.

#### Tank History and Contents:

It was reported to G.E.T. that one 500 gallon underground gasoline tank existed on the subject property, see Plate 1. The tank is believed to have been installed before 1969 with the last known use unknown.

#### Tank and Piping Removal: Field Observations

On April 26, 1989, the top of the tank was exposed for excavation. Continuous air monitoring of the site and excavation was performed using a portable Gastector Hydrocarbon Surveyor to monitor the ambient total petroleum hydrocarbons. Approximately 40 gallons of virgin product was removed from the tank prior to the inertion of the tank. Tank 1 was purged (and inerted) with 100 pounds of dry ice to obtain a Lower Explosive Limit (LEL) of 14% and an oxygen reading of 4% as determined with the Gastector meter. Once inert, the product and fill lines were removed and the tank was ready to be removed.

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James Ferdinand, Fire Inspector for Eden Consolidated Fire Department, was present to witness the tank inertion and prepping operations. Thomas Peacock from the Alameda County Environmental Health Department was present to witness the tank removal and soil samplings. When the tank was determined to be below applicable LEL guidelines, Fire Inspector Ferdinand gave permission to remove the tank with Mr. Peacock's approval. The tank was removed and the outside surface of the tank was cleaned of soil, then the tank was visually inspected. Visual examination and measuring the tank suggested that the tank was actually a 560 gallon tank, intact with no obvious evidence of holes. The backfill material that formerly surrounded the tank appeared to be stained and had a strong petroleum-like odor.

Visual examination revealed that both the vent and product piping associated with tank 1 appeared to be intact with no obvious holes.

The tank was transported by a State-licensed hazardous waste hauler, H and H Ship Service, to their treatment, storage and disposal facility located in San Francisco, California (see Hazardous Waste Manifests).

#### Sampling and Laboratory Results

On April 26, 1989, G.E.T. recovered two soil samples from the excavation created by the removal of the tank. The sampling procedure was witnessed by Mr. Peacock. The samples were recovered in gray, dense, native soil with obvious petroleum staining and petroleum-like odor.

Sample 1, designated AL-1, was recovered one foot below the bottom of the former tank. Sample 2, designated AL-2 was recovered at a depth of three feet below the bottom of the former tank.

The samples from the tank excavation were recovered using a backhoe. Upon the excavation of the soil materials to the surface, a clean, brass 3-inch by 2 1/2-inch tube was inserted into the soils in the native soil until there was no observable head space in the tube. Immediately upon the recovery of a sample, the ends of the brass tube were sealed with aluminum foil and a plastic cap, then secured with aluminized tape. The samples were immediately placed on dry ice for transport to Trace Analytical Laboratory, Inc., of Hayward, California, for analysis.

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The laboratory analysis tested for the presence of total petroleum hydrocarbons (TPH) as gasoline with benzene, toluene, ethylbenzene and xylene (BTEX) distinction. The results of the laboratory analyses are shown in the Laboratory Analysis Results and Chain of Custody. The laboratory results of the soil sample collected from beneath the tank indicate that an unauthorized discharge may have occurred.

The laboratory analysis from sample 1, designated AL-1 taken at a depth of one foot below the bottom of the tank, had 2,400 parts per million (ppm) of TPH as gasoline. Sample AL-1 also had 21 ppm of Benzene, 120 ppm of Toluene, 260 ppm Xylenes, and 39 ppm of Ethyl Benzene.

The laboratory analysis from sample 2, designated AL-2, taken at a depth of three feet below the bottom of the tank, had 140 ppm of TPH as gasoline. Sample AL-2 also had 12 ppm of Toluene, 24 ppm Xylenes, and 5 ppm of Ethyl Benzene. There was no detection of Benzene.

#### LIMITATIONS

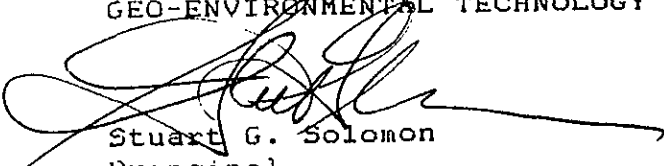
The conclusions and professional opinions presented herein were developed in accordance with generally accepted practice as outlined in the guidelines of the California Regional Water Quality Control Board for addressing fuel leaks from underground tanks. The chemical analysis results are based on data collected at the sampling locations only, therefore G.E.T. cannot have complete knowledge of the underlying conditions. Conditions at the project site will change with time due to natural processes or the works of man. Accordingly, the findings of this report apply to the present conditions only; the opinions expressed herein are subject to revisions in light of new information, and no warranties are expressed or implied.

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G.E.T. is pleased to have been of service to you on this project. To comply with State and local environmental laws, G.E.T. recommends that a copy of this report be forwarded to the Regional Water Quality Control Board located in Oakland, California, and the ~~Eden Consolidated~~ Fire Department, Hazardous Materials Department as soon as possible for agency review. If you have any questions, please feel free to give me a call at (408) 559-1220. Thank you.

Very truly yours,  
GEO-ENVIRONMENTAL TECHNOLOGY

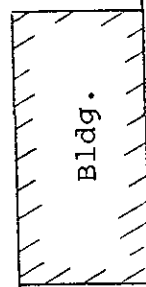


Stuart G. Solomon  
Principal

Attachments: Hazardous Waste Manifests  
Laboratory Results and Chain of Custody

Copies: Addressee (3)

BARTLETT AVE.



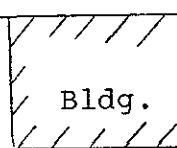
AL-1

AL-2

product line  
fill  
vent

concrete  
pad

Dirt lot



Bldg.

\* - Designates soil sample

# Environmental Technology

SCALE: None  
DATE: 24 APR 89

Site sketch for  
Anderson Lift

DRAWN BY TM  
REVISED

310 Bartlett Ave.  
Hayward, CA 94541

260 Cristich Lane  
Campbell, CA 95008 (408) 559-1220

Plate 1

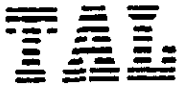
TAT Reg.

# CHAIN OF CUSTODY RECORD

PROJECT NO.		SITE NAME & ADDRESS <i>f. Andersen Litt 310 Burkett Ave, Hayward, CA 94541</i>					ANALYSES REQUESTED					REMARKS		
WITNESSING AGENCY / INSPECTOR NAME / DATE <i>Alameda County Dept. of Env. Health / Thomas Peacock / 4/26/89</i>								TPH (Gasoline) & B, T, X, & E	TPH (Diesel) & B, T, X, & E	Total Oil & Grease	Halogenated HC's			
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
<i>AL-1</i>	<i>4/26/89</i>	<i>11 AM</i>	<input checked="" type="checkbox"/>		<i>middle of tank</i>	<input checked="" type="checkbox"/>						<i>1' below bottom of tank</i>		
<i>AL-2</i>	<i>4/26/89</i>	<i>11:15 AM</i>	<input checked="" type="checkbox"/>		<i>middle of tank</i>	<input checked="" type="checkbox"/>						<i>3' below bottom of tank</i>		
Relinquished by: (Signature) <i>Ed B. Murray</i>		Date/Time <i>4/26/89 2:50 PM</i>		Received by: (Signature)		The following MUST BE completed by the laboratory accepting samples for analysis: 1. Have all samples received for analysis been stored in ice? <u>Yes</u> 2. Will samples remain refrigerated until analyzed? <u>Yes</u> 3. Did any samples received for analysis have head space? <u>N/A</u> 4. Were samples in appropriate containers and properly packaged? <u>Yes</u>								
Relinquished by: (Signature)		Date/Time		Received by: (Signature)										
Relinquished by: (Signature)		Date/Time		Received by: (Signature)										
Relinquished by: (Signature)		Date/Time <i>4/26/89 2:50</i>		Rec'd for Laboratory by: (Signature) <i>Joseph D. ...</i>										
TRACE ANALYSIS LAB 5425 SIGNATURE BLVD., ...						Title <i>Project Specialist</i>		Date <i>4/26/89</i>						

Rev: 12-88

HAYWARD, CA 94545  
(415) 783-6960



DATE: 5/11/89  
LOG NO.: 7301  
DATE SAMPLED: 4/26/89  
DATE RECEIVED: 4/26/89

CUSTOMER: GeoEnvironmental Technology  
REQUESTER: Mark Youngkin  
PROJECT: Anderson Lift, 310 Bartlett Avenue, Hayward, CA 94541

Sample Type: Soil

<u>Method and Constituent</u>	<u>Units</u>	<u>AL-1</u>		<u>AL-2</u>	
		<u>Concentration</u>	<u>Detection Limit</u>	<u>Concentration</u>	<u>Detection Limit</u>
DHS Method:					
Total Petroleum Hydrocarbons as Gasoline	ug/kg	2,400,000	80,000	140,000	80,000
Modified EPA Method 8020:					
Benzene	ug/kg	21,000	2,000	< 2,000	2,000
Toluene	ug/kg	120,000	2,000	12,000	2,000
Xylenes	ug/kg	260,000	9,000	24,000	9,000
Ethyl Benzene	ug/kg	39,000	3,000	5,000	3,000

Dan Farah

Dan Farah, Ph.D.  
Supervisory Chemist

DF:vs



W. J. HARRIS, JR.

CERTIFICATE OF DISPOSAL

APRIL 28, 1989

H & H Ship Service Company hereby certifies to ENVIRONMENTAL TECH. that:

1. The storage tank(s), size(s) ONE (1) 560 GALS.  
removed from the AMERICAN LIFT TRUCK TRANS.  
facility at 310 BARTLETT AVENUE  
HAYWARD, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number A169 have been steamed cleaned, cut with approximately 2' X 2' holes, rendered harmless and disposed of as scrap metal.
3. Disposal site: LEVIN METALS CORPORATION, RICHMOND, CALIFORNIA.
4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
5. Should you require further information, please call (415) 543-4836.

Very Truly Yours,

  
Cleveland Valrey  
Q. A. & Safety Coordinator

220 CHINA BASIN, P.O. BOX 77363 • SAN FRANCISCO, CA 94107 • DAY AND NIGHT: 543-4835





IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7560

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA00001678117</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>American Lift ANDERSON LIFT 310 Bartlett Ave., Hayward, CA 94541</b>				A. State Manifest Document Number <b>88227094</b>			
4. Generator's Phone <b>(415) 785-3911</b>		6. US EPA ID Number		C. State Transporter's ID <b>003770</b>		D. Transporter's Phone <b>415-543-9835</b>	
5. Transporter 1 Company Name <b>H &amp; H Ship Service CO</b>		7. Transporter 2 Company Name		E. State Transporter's ID		F. Transporter's Phone	
8. US EPA ID Number <b>CA0101047711168</b>		9. Designated Facility Name and Site Address <b>H &amp; H Ship Service CO 220 China Basin St. San Francisco, CA 94107</b>		10. US EPA ID Number <b>CA0101047711168</b>		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. <b>Waste empty gasoline tank, Flammable Liquid UN1203</b>		No. <b>01</b> Type <b>TIP</b>		<b>1</b>		<b>560 gal.</b>	
b.						State Waste No. <b>512</b>	
c.						EPA/Other <b>1001</b>	
d.						State	
						EPA/Other	
						State	
						EPA/Other	
J. Additional Descriptions for Materials Listed Above <b>Empty underground gasoline tank with less than 1 inch residual liquid</b>		K. Handling Codes for Wastes Listed Above					
		a. <b>01</b>		b.		c.	
		c.		d.			
15. Special Handling Instructions and Additional Information <b>Protective gear and clothing as required</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. 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 <b>ROBERT J. FALCONER</b>		Signature <i>Robert J. Falconer</i>				Month Day Year <b>4 26 89</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Steve Foster</i>				Month Day Year <b>4 26 89</b>	
Printed/Typed Name <b>STEVE FOSTER</b>		Signature				Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature				Month Day Year	
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 <b>David Walker</b>		Signature <i>David Walker</i>				Month Day Year <b>04/26/89</b>	