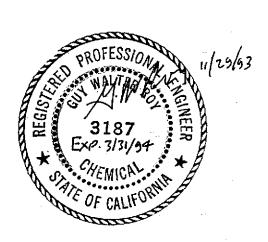
CONTAMINATED SOIL OVER-EXCAVATION FINAL REPORT 3635 13th Avenue Oakland, CA 94610

Prepared For

John Williamson 1511 Wellington Street Oakland, CA 94602

Prepared By

All Environmental, Inc. 2641 Crow Canyon Road, Suite 5 San Ramon, CA 94583



November 18, 1993

TABLE OF CONTENTS

1.0	INTRODUC	CTION	1						
2.0	PERMITS A	AND NOTIFICATIONS	1						
3.0	SITE DEM	OLITION	4						
4.0	EXCAVATION OF CONTAMINATED SOIL AND REMOVAL OF HYDRAULIC LIFTS								
5.0	SAMPLING	G AND ANALYSES	5						
6.0	CONTAMINATED SOIL DISPOSAL								
7.0	.0 BACKFILLING AND RESURFACING								
8.0	0 DISCUSSION AND CONCLUSIONS								
9.0	REPORT L	IMITATIONS	11						
		LIST OF FIGURES							
FIGU	RE 1:	SITE LOCATION MAP							
FIGU	RE 2:	SITE MAP							
FIGU	RE 3:	INITIAL SAMPLE LOCATION MAP							
FIGU	RE 4:	FINAL SAMPLE LOCATION MAP							
		LIST OF APPENDICES							
APPE	NDIX A:	PERMITS AND NOTIFICATION DOCUME	NTS						
APPE:	NDIX B:	LABORATORY ANALYSES AND CHAIN OF CUSTODY DOCUMENTS	÷						
APPE	NDIX C:	NON-HAZARDOUS WASTE MANIFESTS							
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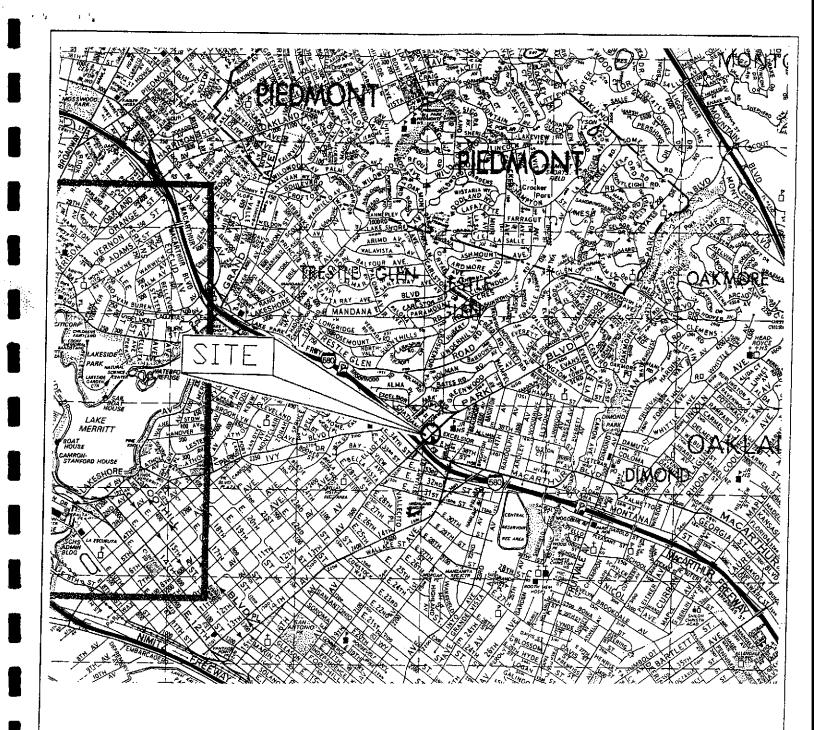
1.0 INTRODUCTION

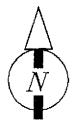
All Environmental Inc. (AEI) has prepared this final report to document the building demolition, hydraulic lift removal and contaminated soil over-excavation performed at 3635 13th Avenue in Oakland, California (Figure 1: Site Location Map and Figure 2: Site Map). A 1,000-gallon gasoline tank, a 500-gallon gasoline tank, and a 250-gallon waste oil tank were removed from the site by Aqua Science Engineers on December 15, 1992. The waste oil tank was reported as being heavily pitted and having numerous holes.

At the time of tank removal, soil samples taken from the tank excavation showed the waste oil tank to be the primary concern at this site. Laboratory analyses indicated concentrations of oil & grease to be 8,200 parts per million (ppm), with 290 ppm TPH-gasoline, and 255 ppm lead. Concentrations of gasoline greater than 100 ppm are considered "Actionable" levels by the Tri-Regional Board Guidelines. All Environmental, Inc. was retained by the property owner to perform contracting and consulting services to overexcavate the contaminated soil, remove and dispose of two hydraulic lifts from inside the repair shop, backfill the excavation, and dispose of the contaminated soil at a Class III Landfill.

2.0 PERMITS AND NOTIFICATIONS

An Underground Storage Tank Unauthorized Release / Contamination Site Report was filed with the Alameda County Health Care Services Agency (ACHCSA) in response to the ACHCSA request dated June 22, 1993. Cal OSHA and the Bay Area Air Quality Management District were notified by fax of the over-excavation and building demolition activities five days prior to the project initiation date. A building permit was obtained from the City of Oakland Development Services Department on September 10, 1993 for demolition activities on the site. Copies of the notification documents and building permit are contained in Appendix A.





From Thomas Bros. Map - 1993

ALL ENVIRONMENTAL, INC. 2641 CROW CANYON RD, SAN RAMON

9CALC: 1 NCH = 2,200 FT. APPROVED BY:

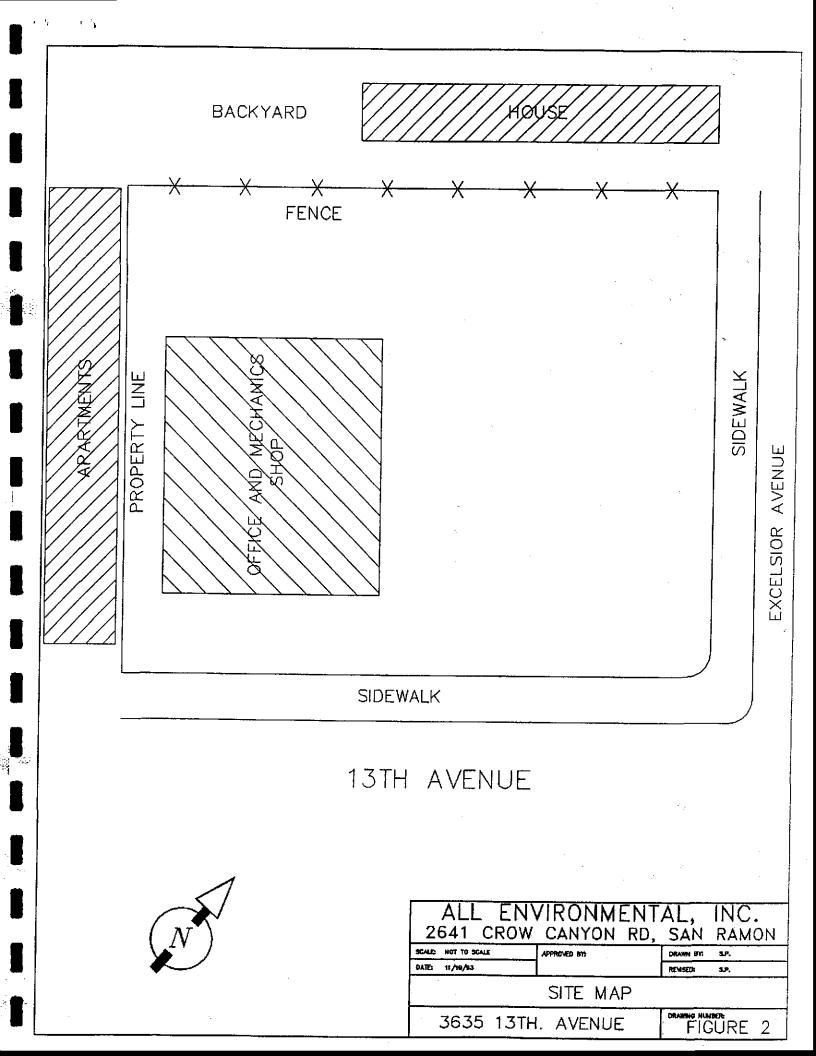
DATE: 11/22/93

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SITE LOCATION MAP

3635 13TH AVENUE

FIGURE 1



3.0 SITE DEMOLITION

As the tank removal report dated January 20, 1993 detailed, the area of the waste oil tank had significant soil contamination. In response to ACHCSA recommendations for further soil excavation, AEI found the most efficient, cost-effective method would require the removal and disposal of office and shop building materials, concrete slabs, and associated ground cover. Site demolition was initiated on September 13, 1993.

4.0 EXCAVATION OF CONTAMINATED SOIL AND REMOVAL OF HYDRAULIC LIFTS

All Environmental mobilized on site for overexcavation on September 13, 1993. Project personnel included Steve Penshorn - Project Engineer, Steve DeHope - Construction Superintendent and Dusty Roy - Hazardous Technician.

All Environmental excavated approximately 360 total cubic yards of soil to complete the project. Approximately 260 cubic yards of contaminated soil was removed prior to the initial sampling of the excavation bottom and sidewalls. Results from the sample analysis indicated that further soil removal would be required on the southeast end of the excavation. An additional 100 cubic yards of soil was removed until no further odor or stained soil was apparent. Soil samples were then taken from the southeast end of the excavation and newly stockpiled soil. Laboratory analyses of these soil samples confirmed that the contaminated soil was successfully over-excavated.

Native material around the tank consisted primarily of a gray-blue stiff clay with some silt to a depth of 18 feet. Greenish soil was encountered from 9' to 18' depth below grade. There

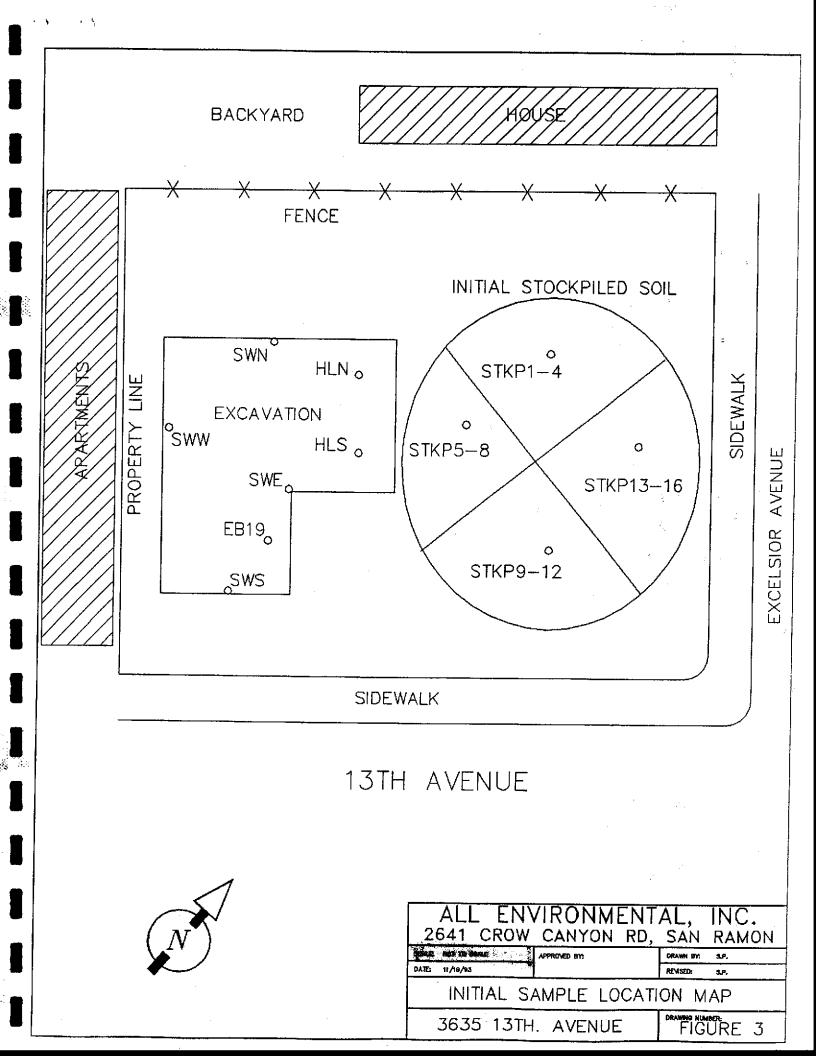
was a mild odor of aged gasoline and a noticeable amount of staining within the soil that was excavated. There was a small amount of water in the bottom of the pit at 18' below ground surface.

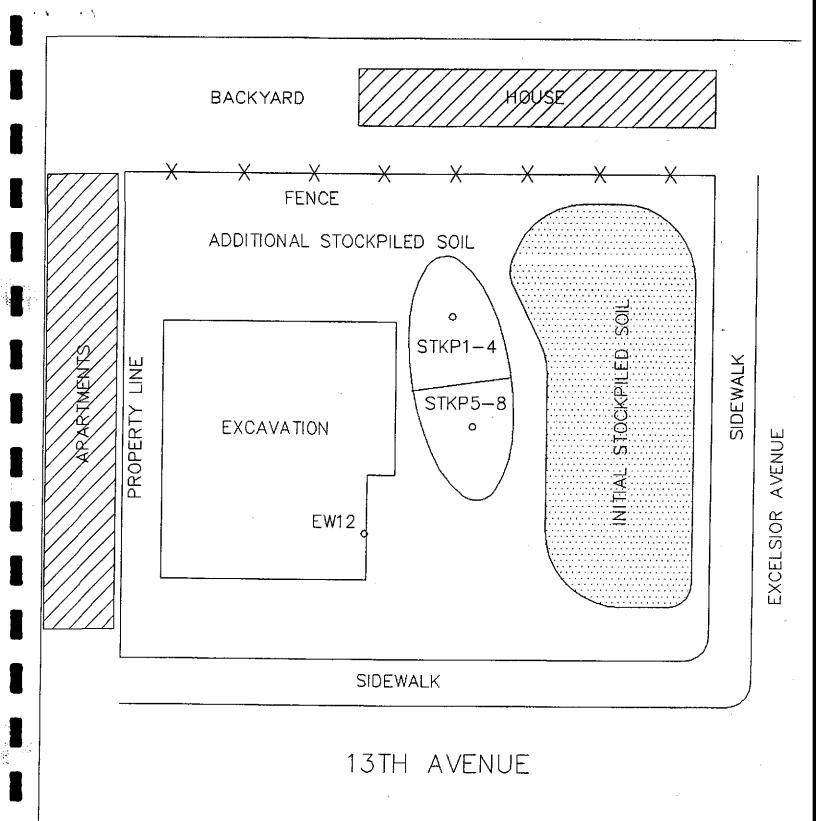
5.0 SAMPLING AND ANALYSES

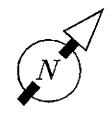
On September 13 & 14, samples of the excavation sidewalls (SWN, SWS, SWE, SWW), one sample along the bottom of the excavation (EB-19), and one sample from under each of the hydraulic lifts (HLN, HLS) were taken. Each (4) stockpile of excavated soil was sampled by taking four different soil samples at different depths and locations within the stockpile and compositing these four samples at the laboratory (STKP 1-4, STKP 5-8, STKP 9-12 & STKP 13-16). Analytical results are tabulated on the following page (Table I: Initial Soil Sample Results) and a copy from the laboratory is enclosed in Appendix C. Figure 3 shows the initial sample locations. Following the continued overexcavation of the southeast wall, one soil sample was taken from the sidewall (EW-12) and two composite samples were taken from the stockpiled soil (STKP 1-4 & STKP 5-8). Analytical results from these samples can be found in Table II: Southeast Wall Overexcavation Sample Results and a copy from the laboratory is enclosed in appendix C. Figure 4 shows the final sample locations.

Table I: Initial Soil Sample Results $9 - 13 \pm 14 - 93$

Sample I.D.	Gasoline (mg/kg)	Hydraulic Fluid (mg/kg)	Benzene (ug/kg)	Toluena (ug/kg)	Ethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	Lead (mg/kg)	Oil & Grease (mg/kg)
EB-19	N.D. /		N.D. /	N.D.	N.D.	N.D.	6.9 /	N.D.
SWE	400 /		1000 /	1500	1600	5100	6.2 /	2100
swn	N.D.		N.D. /	N.D.	N.D.	N.D.	9.1	N.D. 🗸
sws	9.4 /		24 /	36	38	120	4.7 /	N.D.
sww	N.D.	B-9-0	N.D.	N.D.	N.D.	N.D.	8.4 /	N.D.
HLN		N.D. /						
HLS		270 /						
STKP 1-4*	6.0		15 /	23	24	77	8.7 /	740
STKP 5-8*	19 /		48 /	71	76	240	6.7	380 /
STKP 9-12*	27		68 /	100	110	340	15 /	1300 -
STKP 12-16*	17		43 /	64	68	220	12	1400 /







	VIRONMENT CANYON RD,	
SCALE: NOT TO SCALE	APPROVED BY:	DRAWN BY: S.P.
DATE: 11/19/93		REVISED: S.P.
FINAL	SAMPLE LOCA	TIONS
3635 13Th	H. AVENUE	FIGURE 4

FIGURE 4

Table II: Southeast Wall Overexcavation Sample Results

Sample I.D.	Gasoline (mg/kg)	Hydraulic Fluid (mg/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethyl Benzene (ug/kg)	Total Xylones (ug/kg)	Oil & Greass (mg/kg)
EW-12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	26
STKP (1-4)*	39 /		10 /	15	19	63	620 /
STKP (5-8)*	25		6.5 /	9.6	12	40	450 /

(mg/kg) = ppm or parts per million
(ug/kg) = ppb or parts per billion
N.D. = Not Detected
---- = Not Analyzed For
* Composited soil samples

Soil samples were collected by driving a 6-inch by 2-inch stainless steel tube into the soil using a wooden mallet. The samples of stockpiled material were taken as a composite of four sub-samples. The four samples were composited as one sample at the laboratory. All soil samples were secured using aluminum foil, teflon caps and sealed with duct tape, then put on ice and transported back to the office where they were placed in cold storage until the laboratory picked up the samples. All samples were transported under chain of custody procedures to Priority Environmental Labs in Milpitas, California.

6.0 CONTAMINATED SOIL DISPOSAL

The stockpile of contaminated soil was profiled for disposal into the Vasco Road Landfill in Livermore, California. The landfill required an STLC CAM 17 metals analysis for the stockpiled soil prior to acceptance for disposal. Results of this analysis yielded acceptable levels of the 17 metals tested for. STLC CAM 17 soil analysis results can be found in Appendix C. The 360 yards of contaminated soil was loaded onto a truck and transported

under a Non-Hazardous Waste Manifest to the Vasco Road Landfill on November 9, 1993.

Copies of the Non-Hazardous Waste Manifests can be found in Appendix D.

7.0 BACKFILLING AND RESURFACING

360 yd3

The excavation was backfilled with 440.75 tons of clean import fill that was placed in one foot lifts and compacted to approximately 90% compaction to prevent long term settling. The site was not resurfaced at the request of the property owner.

8.0 DISCUSSION AND CONCLUSIONS

All Environmental, Inc. provided demolition services for the removal of the office, shop building materials and concrete slab. Two hydraulic lifts were removed, transported and disposed of at an appropriate licensed facility and as per ACHCSA request, soil samples were collected and analyzed from each of former lift areas. Sample results from the north hydraulic lift area yielded non-detectable concentrations of TPH-hydraulic fluid in the soil, while soil sample results from the south hydraulic lift area showed 270 ppm of TPH-hydraulic fluid. 260 cubic yards of contaminated soil was subsequently excavated from around the south hydraulic lift area and the former waste oil tank pit. The soil was removed and properly disposed of at Vasco Road Landfill in Livermore. Soil sampling following the overexcavation showed that further overexcavation was necessary.

According to the guidelines issued by the California Regional Water Quality Control Board (RWQCB) the presence of 100 ppm or more of total petroleum hydrocarbons (TPH) in the soil indicates a confirmed fuel release and are considered "Actionable" levels. Removal and disposal or in-situ remediation is generally required for soils containing greater than 1,000

ppm TPH. Decisions regarding remediation of soil containing between 100 and 1,000 ppm TPH are made on a case-by-case basis, but remediation is commonly recommended for hydrocarbon contamination of over 100 ppm. The maximum concentrations encountered following the initial overexcavation were 400 ppm TPH as gasoline, 1,000 parts per billion (ppb) of benzene 1,500 ppb of toluene, 1,600 ppb of ethyl benzene, 5,100 ppb of total xylenes and 2,100 ppm of oil and grease.

Following the results of the initial overexcavation sample analysis, an additional 100 cubic yards of soil was overexcavated along the southeast wall. Further soil sampling yielded non-detectable levels of contamination within the excavation. However, a small amount of water was encountered on the bottom of the pit at 18' below ground surface.

Laboratory analyses, of all the soil samples taken, indicate that soil remediation has been completed. To determine whether petroleum hydrocarbons have impacted groundwater beneath the site, AEI recommends that three monitoring wells be placed on the site in a triangulated configuration with one monitoring well located within 10 feet of the excavation in the downgradient position.

9.0 REPORT LIMITATIONS

This report presents a summary of work completed by All Environmental, Inc., including observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide required information, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document.

All Environmental, Inc. warrants that all services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

APPENDIX A PERMITS AND NOTIFICATION DOCUMENTS

CITY OF OAKLAND

DEVELOPMENT SERVICES DEPARTMENT) BROADWAY - 2ND FLOOR ...(LAND, CALIF. 94612



Not also to

BUILDING PERMIT APPLICATION THIS IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED & FEES PAID. BUILDING ADDRESS AVC Later getiefe TRACT LOT PARCEL LEFE # Permit No. B NAME 1011n Call for Inspection 238-3444 . 1 - 3. WILLIAMILA WellingTon DATE ISSUED G DATE FILED <u>10-93</u> Oaltland ADDITION ☐ NEW ☐ REPAIR ☐ MOVE: - 1-ALTERATION :: DEMOLITION : LICENSE / □ OTHER ADORESS DESCRIBE BRIEFLY ALL PROPOSED CONSTRUCTION WORK. PHONE ABCK. 710 Mannonek 600 I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Susiness and Professions Code, and my license is in full force and effect. <u>ፖሁ</u>ፈቶ፭ σ NTRACTOR 654919 FAVIRENM Survey Filed Plan Filed Crow Canyon Size of Bldg No. of Stories. 74523 Ramon **Number of Units** Height at Highest Point San acan Proposed Use of Bido. 153 Present Use of Bidg. *_as* hereby affirm that I den exempt topfs the Contractor's Llores a Lef for title following reason (Sec. 7031.5. Business and Professions Code: Any only or county which requires a permit to construct, after, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to fine a signed statement that his is kernes pursuant in the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division J of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than 5500): Number of Bldgs. on lot. C404 Code LorSize. TYPE OF BUILDING I II III IV /V FR. H.T. 1 hr. (N OCCUPANCY GROUP _B_-FIRE SPRINKLERS _____S
ZONING R______C_ _SPECIAL INSPECTION REQUIRED. It as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or othered for sale (See. 704.8, Business Professions Code: The Contractor's License law does not apply to an Owner of property who outdo or improves thereon, and who does such work hinssel or through his own employees, provided that such improvements are not intended or offered for sale. Il however, the building or improvement is add widthin only sper of completion when we have a completion of the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale). ADDRESS __M__ __S_ Roof Covering Exterior Wall_ Valuation of Proposed Work \$
Include all labor and materials, all lighting, heating, ventilation, water supply, plumbing, electrical, fire sprinklers, elevator equipment therein and thereon. 1, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtmentes thereto, (2) the work will be performed prior to sale, (3) I have resident in the residence for the 12 months print to completion of the work, and (4) I have not claimed exemption in this soldnission on more than her strectures more than once during any three-year period. (Sec. 7044, Business and Professions Code). Ŋ OFFICIAL USE ONLY N L as owner of the property, an exclusively contracting with licensed contractors to construct the project (Sec., 7044, Business and Professions Dake The Contractor's License Law does not apply to an owner of property who obtain or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law). Appl Fee Checkirld Fee YALUE: 40.74 R.R. Tax Pl. Pl. Rev. l arm exempl under Sec. __. 8&PC, for this reason. TOTAL Signature of Owner or Authorized Agent General Fee . I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec 3300, Lab. C.). State Regs Policy Company Name Mic Sur S Certified copy is hereby furnished. SMIP ADDITIONAL COST: Certified copy is filed with the city building inspection departm COMPER Signature Date TOTAL : L. Add1 Fee (This section need not be completed; if the permit is for one hundred dollars (\$100) or less.) Add1 Ch Fee I certify that in the performance of the work for which this permit is issued. I shall not employ any plany manner so as to become subject to the Worker's Compensation Laws of California. Add'i State Reg TOTAL VALUE: Signature AddT Sur. Add: SMIP NOTICE TO APPLICANT: II, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. TOTAL S I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Cir. C.) LICENSE/OWNER VERIFICATION 毌 ZONING & PLANNING NO. LENGERS FIRE MARSHAL LENDERS ADDRESS HEALTH DEPT. Ö ADDITIES

AND THE STATE I HAVE READ THIS APPLICATION AND STATE THAT THE INFORMATION GIVEN IS TRUE
AND CORRECT. I AGREE TO COMPLY WITH ALL LOCAL ORDINANCES AND STATE LAWS RELATING TO
BUILDING CONSTRUCTION, AND I MAKE THIS STATEMENT UNDER PENALTY OF LAW. I MEREBY
AUTHORIZE REPRESENTATIVES OF THIS CITY TO CHEMP UPON THE ABOVE MENTIONED PROPERTY
OF INSPECTION PURPOSES. NOTICE!! THIS PENALTE UPON THE ABOVE MENTIONED PROPERTY
OF INSPECTION PURPOSES. NOTICE!! THIS PENALTE UPON THE AND IS DUTY, OUR OF CONCEAL OR
CONCEAN ANY CONSTRUCTOR IN WORK IS ADMINISTRATION OF THIS PENALT OF THE BOX OF THE JOB COPY OF THIS PENALT. ALL INSPECTION REQUESTS ARE RECUIRED 24 HOURS
IN ADVANCE OF THE INSPECTION. PORT OF OAKLAND HOUSING CONSERVATION MOVING PERMIT NO. SPECIAL ACTIVITY NO. BE & A ITEM NO. 1 harstby agree to save, indemnify and losep harmless the City of Oakland and its officers, empire against all habilities, projecters coats and responses which may sector against the City of coats qualities of the permit of from the tax of occupancy of any ademied, street or subsidered, or the method, not will all himsight single-comply what the coadoffice under which the accordance to assume the accordance and the project of the coats. HA & AB FIES, NO. 从 HANDICAP APPEALS OTHER -2 Contracto APPL RECTO CHIKO BY PLAN CHECKED BY Owner | OATE } Authorized Agent los Contractor Owner FINAL INSPECTION CITY STATE TELEPHONE ZIP

CITY OF OAKLAND
DEVELOPMENT SERVICES DEPARTMENT
1BROADWAY - 2ND FLOOR
LAND, CALIF, 94612



procleam Lic not

	BUILDING PERMIT APPLICATION THIS IS YOUR PERMIT WHEN PROPERLY FILLED OUT, SIGNED, VALIDATED & FEES PAID.	,	
_	BUILDING ADDRESS 3635 12TH STIFET AVE	- 1010	
	TRACT BLOCK PAGE LOT PARCEL		
_	TOUR WILLIAM SAN	Permit No. B (113) Call for Inspection 238-3444 (113)	
<u> </u>		DATE ISSUED (A) In (12) DATE FILED -7/22/02	
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ARCH	CITY STATE ZIP	ABUNDANES GOS STATION -	PERMIT NO.
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5	1	MECHANICS SHED	w -
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	SIGNATURE DATE DATE	Proposed Use of Bidg Value 1 /0 /	ਣੌ
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	Business and Professions Code: Any city or county which requires a permit to construct, after, improve demolish, or require any structure, prior to its issuance, also requires the applicant for such permit to fide:	Number of Bidgs, on lot C404 Code	DISTRICT NO
	signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter's (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt		9
	therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for permit subjects the applicant to a civil pensity of not more than \$500):	OCCUPANCY GROUP A_B-XE_H_I_R_M-1/9-[]	بدي
	1. as owner of the property, or my employees with wages as their sole compensation, will do the work and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The	FIRE SPRINKLERS SPECIAL INSPECTION REQUIRED 2	
œ	Contractor's License Law does not apply to an Owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended.	Roof Covering.	ADDRESS
9	or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).	Exterior Wall	g .
DWNER/BUILDER	. It as owner of the groperty, are exempt from the sale receivements of the above due to: (1) I are	include all labor and materials, all lighting, heating, ventilation.	
,VEB	improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have	equipment therein and thereon.	کر
Š	not claimed exemption in this subdivision on more than two structures more than once during any three-year period. (Sec. 7044, Business and Professions Code).	OFFICIAL USE ONLY	2
	1. as owner of the property, are exclusively contracting with located contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of	Appl, Fee \$ 40 -	Э,
	property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed persuant to the Contractor's License Law).	VALUE: Charington s 4930	
	T arm exempt under Sec	B.R. Tax \$	
	LI V STATE EARLINGS. UNDER TRANSPORT	STOTAL S	1
	Signature of Owner or Authorized Agent DATE	General Fee . \$	_
	I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec 3800, Lag. C.).	CALCANGTEN 4 \$ 225 —	ح
S	Policy Company Name	Mic. Sur. \$ \(\frac{1}{4} \). \(\frac{1}{2} \)	
_	Cartified copy is hereby kurnished. Cartified copy is filed with the city building inspection department.	ADDITIONAL COST: SMIP \$	<u>_</u>
Ⅱ	Signature Date	Address Fee \$ 15 5	6
COMPE	(This section need not be completed if the permit is for one trundred dollars (\$100) or less.)	Date Addî Fee \$	
ın.	I cartify that in the performance of the work for which this permit is issued, I shall not employ any person in	Add1 Ch Fee \$	
WORKER	any manner so as to become subject to the Worker's Compensation Laws of California. Signature Date	TOTAL VALUE: Add't State Regs. \$ Add't Sur. \$	
×	MOTION TO LOCALITY II	\$ Add1 SMIP \$	
	NOTICE TO APPLICANT: If, after making this Certificate of Examplion, you should become subject to the Worker's Compensation provisions of the Labor Code, you must lerthwith camply with such provisions or this permit shall be deemed evented.	TOTAL \$	
οc	hereby affern that there is a construction lending agency los the parformance of the work for which this period is assued [Sec. 3097, Civ. C.]	LICENSE/OWNER VERIFICATION WIT ZONING & PLANNING NO. 7/2 1/43 mm	
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黃	thereof, and will mail things strictly comply with the conditions under which this permit is granted. Contractor	OTHER -	<i>'</i>
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Permit Application and Job Notification Form Construction Demolition Trenches Excavation Buildings Structures Falsework Scaffolding

State of California Department of Industrial Relations Division of Occupational Safety & Health	Concord District Office Date:// PERMIT No
Sections 8500, 8501 and 8502 of the California Labor Code require that certain activities which by their nature involve substantial risk of injury may not be performed without a permit issued by DOSH. The Labor Code requires that the applicant supply, and that the Division review.	Information necessary to evaluate the safety of the worksits subject to permit requirements. A permit will not be issued until evidence has been demonstrated that the place of employment will be safe and healthful.
Applicant refers to the employer applying for the Permit Employer: All Environmental, Inc. Address: 2641 Crow Canyon, Rd. #5 San Ramon YA 44583 Phone: 50-820-3224	Project Safety Contact: Dustin Roy Employer's Representative: Steve Defone Title & Phone No: 10051. Sup. 510-50-320 Employer's State Contractor's License No.
	ledgeable person in a position of authority stivity to be covered by this permit. General Contractor Option Initial this blank if applicant elects to assume responsibility for obtaining a single permit to cover one multi-employer project, e.g., a high-rise construction project. The duties of employers at the site to obey safety and health laws are not changed by this section. A list of employers on sit will be attached by the Division to this application and the list will be updated as necessary.
Type of Permit Sought: Annual Single Project Job Start Notification Only Provisional Permit [PLAN CHECK ONLY] For:	Multiple Project. (If Projects to be covered are similar in all important aspects; work is performed by the same employer; and information concerning each project covered is provided.)
Construction of: Building Structure Demolition of: Building Structure Scaffolding and/or Falsework and/or Vertical Shoring Tower Crane Erection Trench and/or Excavation	Underground Services Alert # 273031 (DIGALERT 1-800-642-2444) Northern CA (DIGALERT 1-800-422-4133) Southern CA
permit based on this application is issued with the understanding that the licant has knowledge of occupational safety and health orders applicable to the ects(s) described in this application and attachments, and that the applicant supervising personnel will take special care to insure compliance with safety ers reviewed with the applicant by the Division in the application process.	4) The applicant understands that under the permit program, DOSH schedules routine inspections by authorized personnel for the purpose of verifying that holders of permits are meeting their obligation to provide a safe work place for their employees. The Division reserves the right to revoke a permit if it is unable to promptly verify compliance with the terms and conditions of the permit and its issuance.
cance of the permit is also conditional upon the following: Upon initiation of any new project not described in this application, the holder of an annual permit will provide the Division with a completed Project Description or describing the new project prior to the start of work, preferably at least one week in advance of start-up date. A phone call may be used to meet the deadne but will not be considered valid notice unless followed in writing by mailing completed Project Description Form.	5) The applicant understands that failure to comply with any of the above listed conditions for obtaining a permit could result in denial, suspension or revocation of the permit. Employers may appeal these actions to the Director of the Department of Industrial Relations (California Labor Code, Section 6500 et. seq., and 8 California Administrative Code, Section 341).
The applicant has implemented a written accident prevention program and Code of Sale Practices which meet the requirements of 8 California Administrative code, 1509.	ls the applicant conducting any activities to be covered by this permit application in partnership or joint venture with any other persons or corporations conducting activities requiring permits? Yes No
The Division will be notified of significant changes in information provided with his application it such changes might affect the safety of the activity.	Have any permits for any project to be covered by the permit application previously been applied for or obtained? Yes No. If yes, when AW, 93 from what district office Oakland Pub. Works

Permit Application and Job Notification Form (Continued)

Name and title of jobsite superv	re Arthur	Office phone 510-820 - No. of employees 4 Starting date 9-13-9 Anticipated completion date . High Voltage Lines in Proximal	3009
INSTRUCTIONS: THE APPROPRIATE jobsite to be covered by a permit. F		and signed by a person knowledgeab	ole about the project and/or
Construction of: Building		Height Basement October Basement See 8CCR1709-30,38;Appen	
Demolition of: Building ≥ Steel Frame ≥ Wood Fram Method Used: Demolition Ball	Structure Heigh	nt [0 No. of Stories Asbestos Involved: Yes	No.X
Scaffolding-Falsework-Verti Job Description: (Metal > 125' or Wood > 60' requ Job Description:	uires design by California	Civil Engineer, plans at site.)	
Tower Crane Erection/Disma Capacity Height Foundation and/or Support(s) for Will crane be stepped or jumper Name of crane certifier Other	Date of Erection or Crane Designed/Cond? Yes No	n// OverHead H structed by	
Trench/Excavation: Dimensi Soil Analysis will be done Name of Competent Person(s): _ Protective System: Shoring Job Description:	Y N Slo Sloping Tre	ope Excavation 1 1/2 to 1 nch Shield Alternate	Y N
Alternate Plan or excavation greater than	n 20 feet deep must be des	igned by Reg. Professional Engineer	[See 8CCR1540-47]
FeePaid	information and a	nat, to the best of my knowledgessertions are true and correct nowledge of and will comply we	t and that I/the
Approved Conference Other	.	//	



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELL'S STREET SAN FRANCISCO, CALIFORNIA 94109 (415) 77 6000

Regulation 11, Rule 2 Asbestos Demolition/Renovation NOTIFICATION FORM

BAAQMD IF

	Site Information
Site Address	3635 13th Ave.
City	Cakland zip 94610
Owner Name	Mr. John Williamson Phone (570) 769-0100
	Project entire property
1 • .	Dwelling Commercial [] Apartment Building [] Government Building [] School
[] Renovation [Demolition - Fire Training Yes No [] Planned Renovation (as per Reg. 11-2-216)
[] Weekend Worl	k [] Night Work (After 5 PM) * (Attack Work Schedule)
[] Cumulative Re	novations (each less than 100 square or linear feet)
Start Date	Completion Date
Material Description:	sheet metal, one story buildings (2) no askestos
Method(s) of Removi	J
[] Check box if de	removal. In addition to filling this form, please attach a letter requesting conditional approval for dry
removal. (This inclu	des, but is not limited to, shot/bead blasting of mastic.)
Total removal amoun	rs of friable asbestos material only: ** 6 lin ft/ 6 sq ft/ 8 cu ft
** Indicate how much	of this involves dry, bead-blast, or shot-blast removal:
BAAQMD NF	Contractor Information
Name All E	invironmental contact Greg Gouvea
Name All E	nvironmental consect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224
Name All E	invironmental contact Greg Gouvea
Name All E	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031
Name All E	nvironmental consect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224
Name All E Mailing Address CitySam R BAAQMD No.	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031
Name All E Mailing Address City Sam R	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031
Name All E Mailing Address CitySam R BAAQMD No.	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031
Name All E Mailing Address City Sam R BAAQMD No.	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. \$5 Phone (5(0) 820-3224 amon zip 94583 Contractor Job No. 1031 Disposal Site Information
Name All E Mailing Address City Sam R BAAQMD No.	nvironmental contact Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031 Disposal Site Information 7/a State
Name All E Mailing Address City Sam R BAAQMD No Landfill Name City This form prepared by	nvironmental contact Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon zip 94583 Contractor Job No. 1031 Disposal Site Information 7/a State
Name All E Mailing Address City Sam R BAAQMD No Landfill Name City This form prepared by Company All	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon Zip 94583 Contractor Job No. 1031 Disposal Site Information n/a State Greg Gouvea Title Project Manager Environmental, Inc. Address 2641 Crow Canyon Rd. #5
Name All E Mailing Address City Sam R BAAQMD No Landfill Name City This form prepared by	nvironmental contect Greg Gouvea 2641 Crow Canyon Rd. #5 Phone (510) 820-3224 amon Zip 94583 Contractor Job No. 1031 Disposal Site Information n/a State Greg Gouvea Title Project Manager Environmental, Inc. Address 2641 Crow Canyon Rd. #5



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

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

REGULATION 8, RULE 40° Aeration of Contaminated Soil and Removal of Underground Storage Tanks

NOTIFICATION FORM

Removal or Replacement of Tanks

Excavation of Contaminated Soil

Si	TE INFORMATION	•
SITE ADDRESS 3635 13th AVE.		
CITY, STATE Oakland CA	zip 94610	
OWNER NAME Mr. John Williamson		
SPECIFIC LOCATION OF PROJECT PLATITE DIODE		
TANK REMOVAL	CONTAMINATED SOIL EXCAVATION	
SCHEDULED STARTUP DATE	SCHEDULED STARTUP DATE 9-13-93	•
VAPORS REMOVED BY:	STOCKPILES WILL BE COVERED? YES X NO	
[] WATER WASH	ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW) :
[] VAPOR FREEING (CO ²)	not aevatina	
[] VENTILATION	(MAY REQUIRE PERMIT)	
CONTRA	CTOR INFORMATION	
NAME All Environmental Inc.	C - C 24	
ADDRESS 2641 Crow Canyon Rd. #5		
CITY, STATE, ZIP San Ramon C4 91	PHONE (510) <u>820-3224</u>	
CITY, STATE, ZIP CONT COMPT! COP 90	1565	
CONOUN	711)7 N. F. C. M. A. W. C. L.	
	TANT INFORMATION IF APPLICABLE)	
NAME Same	CONTACT SAME	
ADDRESS SAML	PHONE () SOME	
CITY, STATE, ZIP	Thore (
FOR OFFICE USE ONLY		
DATE RECEIVED FAX	BY	
DATE POSTMARKED	(init.)	
	(init.)	ľ
CC: INSPECTOR NO.	DATEBY	
UPDATE: CONTACT NAME	(in	it.)
BAAQMD N #	DATE BY (in	it.)
NOTABLE IL M	DATA ENTRY	ľ

APPENDIX B

LABORATORY ANALYSES AND CHAIN OF CUSTODY DOCUMENTS

1764 Houret Court Milpitas, CA 95035 (408) 946-9636

PEL # 9309045

INV # 24006

النادر كالأو الأدالة المسالة

Chain of Custody

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

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1764 Houret Court Milpitas, CA 95035 (408) 946-9636

5

PEL # 9310009

INV # 24064

Chain of Custody 🗋

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

DATE: 10 152/193 PAGE: / OF: /

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PROJECT NUMBER: 1031 RECD. GOOD COND./COLD	16	SIGNAT	URE:	-	Deta	: T	SIGNATURE:			Deto:	SIGNA	TURE:		Det	a: 8	GNATUR	E:	·	Dete:
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Precision Environmental Analytical Laboratory

September 17, 1993

PEL # 9309045

ALL ENVIRONMENTAL, INC.

Attn: Dusty Roy

Re: Eleven soil samples for Gasoline/BTEX, Hydraulic Fluid, and

Oil & Grease analyses.

Project name: Williamson Project number: 1031

Date sampled: Sept 13-14, 1993
Date extracted: Sept 15-17, 1993

Date submitted: Sept 15, 1993
Date analyzed: Sept 15-17,1993

RESULTS:

SAMPLE I.D.	Gasoline	Hydraulio Fluid	c Benzen e	Toluene	Ethyl Benzene	Total Xylenes	Oil & Grease
	(mg/Kg)		(ug/Kg)	(ug/Kg)	(ug/Kg)		(mg/Kg)
EB 19	N.D.		N.D.	N.D.	N.D.	N.D.	N.D.
SWE	400		1000	1500	1600	5100	2100
SWN	N.D.		N.D.	N.D.	N.D.	N.D.	N.D.
SWS	9.4		24	36	38	120	N.D.
SWW	N.D.		N.D.	N.D.	N.D.	N.D.	N.D.
HLN		N.D.					
HLS	. ===	270					
STKP1-4*	6.0		15	23	24	77	740
STKP5-8*	19		48	71	76	240	380
SYKP9-12*	27		68	100	110	340	1300
STKP13-16*	17		43	64	68	220	1400
Blank Spiked	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Recovery Duplicate Spiked	92 . 6% <u>.</u>		91.4%	93.5%	90.8%	104.7%	 :
Recovery Detection	89.4%		90.3%	92.1%	88.6%	92.0%	
limit	1.0	10	5.0	5.0	5.0	5.0	10
Method of	5030/	3550 /				-	5520
Analysis	8015	8015	8020	8020	8020	8020	D & F

^{*}Composited soil samples.

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636



Precision Environmental Analytical Laboratory

September 17, 1993

PEL # 9309045

ALL ENVIRONMENTAL, INC.

Attn: Dusty Roy

Re: Nine soil samples for total Lead analysis.

Project name: Williamson Project number: 1031

Date sampled: Sept 13-14, 1993
Date extracted: Sept 15-17, 1993

Date submitted: Sept 15, 1993 Date analyzed: Sept 15-17, 1993

RESULTS:

SAMPLE I.D.	Lead (mg/Kg)
EB 19	6.9
SWE	6.2
SWN	9.1
SWS	4.7
SWW	8.4
STKP1-4*	8.7
STKP5-8*	6.7
STKP9-12*	15
STKP13-16*	12
Blank	N.D.
Detection limit	1.0
Method of Analysis	7420

^{*}Composited soil samples.

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636



CODE

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PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

October 11, 1993

PEL # 9310009

ALL ENVIRONMENTAL, INC.

Attn: Steve DeHope

Project name: Williamson

Project number: 1031

Analysis : STLC CAM 17 metals

Sample I.D.: STKP (1-8, 13-16, 5A-8A)

Date Sampled: Sept 13-20, 1993

METAL

Vanadium

Zinc

Date Analyzed: Oct 04-11, 1993

Date Submitted: Sept 15-20, 1993

DETECTION

0.05

0.05

Method of Analysis: EPA 1310 / 6010

LIMIT (mg/Kg) (mg/Kg) Ag Silver N.D. 0.05 As Arsenic 0.01 N.D. Ba Barium 0.05 1.5 Вe Berryllium N.D. 0.01 Cd Cadmium N.D. 0.01 Co Cobalt 0.14 0.05 Cr Chromium N.D. 0.05 Cu Copper N.D. 0.05 Ηq Mercury N.D. 0.002 0.05 Mo Molybdenum N.D. Ni -Nickel | 0.32 0.05 Pb Lead N.D. 0.10 Sb Antimony N.D. 0.10 Se Selenium N.D. 0.01 T1 Thallium N.D. 0.20

CONCENTRATION

N.D.

0.37

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636



Precision Environmental Analytical Laboratory

September 17, 1993

PEL #: 9309045

ALL ENVIRONMENTAL , INC.

Attn: Dusty Roy

Project name : Williamson

Project location:1031

Sample I.D.: EB 19

Date Sampled: Sep 13, 1993

Date Analyzed: Sep 15, 1993

Method of Analysis: EPA 8010

Date Submitted: Sep 15, 1993

Detection limit: 5.0 ug/Kg

COMPOUND NAME CONCENTRATION SPIKE RECOVERY : (ug/Kg;). Chloromethane N.D. Vinyl Chloride N.D. Bromomethane N.D. Chloroethane N.D. Trichlorofluoromethane N.D. 1,1-Dichloroethene 85.7 N.D. Methylene Chloride N D. 1,2-Dichloroethene (TOTAL) N.D. 93.2 1,1-Dichloroethane N.D. 84.0 Chloroform 1,1,1-Trichloroethane N.D. Carbon Tetrachloride N.D. 1,2-Dichloroethane N.D. Trichloroethene N.D. 97.6 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. 90.9 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

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636



Analytical Precision **Environmental** Laboratory

October 06, 1993

COMPOUND NAME

PEL #: 9310009

ALL ENVIRONMENTAL , INC.

Attn: Steve DeHope

Project name : Williamson .

Project location: 1031

Sample I.D.: STKP (1-4,5-8,13-16,5A-8A)

Date Sampled: Sept 13-20, 1993

Date Submitted: Sept 15-20, 1993

Date Analyzed: Oct 04, 1993

Detection limit:

5.0 ug/Kg

Method of Analysis: EPA 8010

CONCENTRATION

SPIKE RECOVERY

	OOND NAME	(ug/Kg)		SPIRE RECOVERY (%)
	romethane	N.D.		
Viny	l Chloride	N.D.		81.4
	omethane	N.D.	.,	
	roethane	N.D.		
	hlorofluoromethane	N.D.		
	Dichloroethene	N.D.		87.6
	ylene Chloride	N D.		:
	Dichloroethene (TOTAL)	N.D.		
-	Dichloroethane	N.D.	•	
	roform	N.D.		
	1-Trichloroethane	N.D.		85.5
	on Tetrachloride	N.D.		
	Dichloroethane	N.D.		92.3
	nloroethene	N.D.		94.1
	Dichloropropane	N.D.		
	odichloromethane	N.D.		
	loroethylvinylether	N.D.		
Trans	s-1,3-Dichloropropene	N.D.		
Cis-1	1,3-Dichloropropene	N.D.		
	2-Trichloroethane	N.D.		
	chloroethene	N.D.		90.9
	mochloromethane	N.D.		
	cobenzene	N.D.		
Bromo		N.D.		
1,1,2	,2-Tetrachloroethane	N.D.		
	ichlorobenzene	N.D.		
	ichlorobenzene	N.D.		
1,2-D	ichlorobenzene	N.D.		

Laboratory Director

1764 Houret Court Milpitas. CA. 95035

Tel: 408-946-9636



Precision Environmental Analytical Laboratory

October 06, 1993

PEL # 9310009

ALL ENVIRONMENTAL, INC.

Attn: Steve DeHope

Re: One composited soil sample for RCI analysis.

Project name: Williamson Project number: 1031

Date sampled: Sept 13-20, 1993 Date extracted: Oct 04, 1993 Date submitted: Sept 15-20, 1993

Date analyzed: Oct 04, 1993

RESULTS:

SAMPLE I.D.

REACTIVITY

CORROSIVITY

IGNITABILITY

STKP (1-4,5-8,

13-16,5A-8A)

NO

pH 8.6

NO

Blank

NO

pH 7.0

NO

Method of Analysis

Title 22, CCR 66261.23

Title 22, CCR 66261.22

Title 22, CCR

66261.21

David Duong Laboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636

1764 Houret Court Milpitas, CA 95035 (408) 946-9636

PEL # 9309062

INV # 24023

Chain of Custody

1764 Houret Ct. Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 405-940-9003

DATE: 9,21,93 PAGE. 1 OF.

PROJECT MOR.: 5.	Delton	e_/E	2 Exilly	o re-						· · · · · ·		e e e e e e e e e e e e e e e e e e e	والريار والمتأسمة الا	i mereni.								OF:_	
COMPANY: A 6	environ	nent	D Inc			2		والمستعدد	in Silveria.	<u></u> (1	411	121	KSK!		3 E:	01:				mark to		/T/Z)	æ
PROJECT MOR.: 5. COMPANY: A C ADDRESS: 264/ : 527 P PHONE: 510 - 524 SIGNATURE: 56	1000 C	Myon 190 1 FAX:52	Kd #17 1583 10 -828	-7677	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) #/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	N N	PESTICIDES/PCB (EPA 608.8080)	PA 418.	Hydraulic Oct											OF CONTAIN
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Precision Environmental Analytical Laboratory

September 23, 1993

PEL # 9309062

ALL ENVIRONMENTAL, INC.

Attn: Steve DeHope

Re: Three soil samples for Gasoline/BTEX, Hydraulic Oil, and Oil &

Grease analyses.

Project name: Williamson

Date sampled: Sept 21, 1993

Date extracted: Sept 21-22, 1993

Date submitted: Sept 21, 1993
Date analyzed: Sept 21-22,1993

RESULTS:

SAMPLE I.D.	Gasoline	Oil	c Benzene			Total Xylenes	
	(mg/Kg)	(mg/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(mg/Kg)
EW-12'	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	26
STKP-1,2,3,4A			10	15	19	63	620
STKP-5,6,7,8*	25		6.5	9.6	12	40	. 450
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	82.7%		81.4%	84.9%	89.6%	95.1%	
Duplicate Spiked Recovery	93.5%		92.6%	96.3%	95.2%	102.6%	
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

^{*}Composited soil samples.

David Duong Daboratory Director

1764 Houret Court Milpitas, CA. 95035

Tel: 408-946-9636

APPENDIX C NON-HAZARDOUS WASTE MANIFESTS



NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENE	ERATOR
Generator Name John Williamson	Generating Location
Address 1511 Welington Ave.	Address 3635 13 12 Ave.
Ockland CA. 94602	Ockland CA 94610
Phone No. 5 1 0 - 5 3 0 2 9 3	Phone No. 5 1 0 5 3 0 2 9 5 3
BFI Waste Code C A 4 0 5 / / 0 8 9 3 Description of Waste	Quantity Units No. Type D - Drum
Soil conteminated w/gas, oil, +go	C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other
	n free liquid as defined by 40 CFR Part 260.10 or any applicable rt 261 or any applicable state law, has been properly described, tation according to applicable regulations. Shipment Date
	PORTER
Truck No.	Phone No. 510 - 487- 3397
Transporter Name Dellafusse Trucking Inc.	Driver Name (Print) Charles Stebs
Address PO Box 1622	Vehicle License No./State 9C42375
Union City CA 94587	Vehicle Certification 4/36/5
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Charles Stute 1 1 9 9 9 3 Driver Signature Shipment Date	Driver Signature Delivery Date
DESTIN	NATION
Site Name Vasco Road Land Aill Address 4001 N. Vasco Rd. Liver	mare CA, 94550
hereby certify that the above named material has been accepted ar	
	Mey 110993
lame of Authorized Agent Signature	Receipt Oate



NON-HAZARDOUS SPECIAL WASTE MANIFEST

GEN	ERATOR
Generator Name John Williamson	Generating Location Johns Mobil
	Address 3635 /3Th Ave.
Oakland CA. 94602	Oakland CA. 94610
Phone No. 5 / 0 — 5 3 0 Z 9 9 3	Phone No. 5 1 0 -5 3 6 2 9 9 3
BFI Waste Code C A 4 5 1 1 0 8 6 3 Description of Waste	, , , , , , , , , , , , , , , , , , , ,
soil contempeted w/gas, oil +5	C-Carton
	O - Other
	n free liquid as defined by 40 CFR Part 260.10 or any applicable at 261 or any applicable state law, has been properly described, tation according to applicable regulations.
Steve De Hope (100)	1/0993
Generator Authorized Agent Name Signature	Shipment Date
TRANSI	PORTER
Truck No	Phone No. 510 - 487- 3397
Transporter Name Dellatosse Trucking Inc	
Address <u>Po Box 1622</u>	Vehicle License No./State \ \R & 29 Z O
Union City CA 94587	Vehicle Certification
hereby certify that the above named material was picked up at the generator site listed above.	Thereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature	Driver Signature Delivery Date
DESTI	NATION
Site Name Vasco Road Land fill Address 4001 N. Vasco Rd. L	Phone No. 5 1 0 - 7 4 7 0 4 5 /
Address 4001 N. Vasco Rd. L	ivernoce CA. 94550
hereby certify that the above named material has been accepted a	and to the best of my knowledge the foregoing is true and accurate.
	11098
lame of Authorized Agent Signature	Receipt Date

PASS CODE _



NON-HAZARDOUS SPECIAL WASTE MANIFEST

Generator Name Generator Name Generator Name Generating Location Johns Mobil Address Oction An Address Oction An Address Oction An Address Oction An Address Oction C.A. 946'0 Phone No. 5	GENE	RATOR
Address S	Generator Name John Williamson	Generating Location Johns Mobil
Phone No. S 1 0 5 8 2 9 8 8 Phone No. S 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	•	
BFI Waste Code Description of Waste Containers Description of Waste Country Description of Waste Country Country Country Description of Waste Country Solution Country		
BFI Waste Code Description of Waste Containers Description of Waste Country Description of Waste Country Country Description of Waste Country Coun	Phone No. 5 1 0 - 5 3 9 2 9 9 3	Phone No. 5 1 0 -5 3 0 2 9 4 3
So: Confaminated by 9as, oil, + grease 18 7 7 7 7 7 7 7 7 7	BFI Waste Code Description of Waste	Containers Type
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition tooltransportation according to applicable regulations. Steve De Hope Generator Authorized Agent Name TRANSPORTER Truck No. Phone No. 510 - 487 - 334 7 Transporter Name Dell a fosse Trucking Inc. Driver Name (Print) Leon W FIB NDT-25 Address P.O. Box 1622 Vehicle License No./State 2005 300 Ca. Union City CA 94587 Vehicle Certification Holly 177, 1/017 91/ I hereby certify that the above named material was picked up at the generator site listed above. Driver Signature Driver Signature Destrination Destrination Destrination Destrination J 1 9 9 9 3 Address 4001 N. Vasco Rd. Liver more CA 94550 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate. J 1 9 9 9 3	Soil contaminated w/ gas, oil ;+5	C - Carton B - Bag T · Truck P - Pounds
state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition forturansportation according to applicable regulations. Steve De Hope Generator Authorized Agent Name TRANSPORTER Truck No. Phone No. 510 - 487 - 334 7 Transporter Name Phone No. 510 - 487 - 334 7 Transporter Name Phone No. 510 - 487 - 334 7 Transporter Name Phone No. 510 - 487 - 334 7 Transporter Name Phone No. 510 - 487 - 334 7 Vehicle License No./State 2665366 Vehicle Certification Vehicle Certification 1 hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was picked up out incident to the destination listed below. Diver Signature Destination Phone No. 510 - 487 - 334 7 Vehicle Certification Phone No. 5		
Truck No. S Phone No. \$10 - 487 - 3397 Transporter Name Dell a fasse Trucking Fnc. Driver Name (Print) Feon W F MNDIFRS Address P.O. Box 1622 Vehicle License No./State 26653W Ca Vohicle Certification HO1 4177, 1/0 17 9 1/1 I hereby certify that the above named material was picked up at the generator site listed above. Vehicle Certification HO1 4177, 1/0 17 9 1/1 I hereby certify that the above named material was delivered without incident to the destination listed below. Deliver Signature DESTINATION Site Name Vasco Road Land fill Phone No. 10 - 9 4 7 0 4 9 / Address 4001 N. Vasco Rd. Liver more Ca. 94750 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	rt 261 or any applicable state law, has been properly described, attion according to applicable regulations.
Transporter Name Dell a fosse Trucking Fnc. Address P.O. Box 1622 Vehicle License No./State 20053w Ca Vehicle Certification Vehicle Certification I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Diver Signature DESTINATION Site Name Vasco Rocd Land fill Phone No. 5 1 0 - 9 9 7 0 9 9 1 Address 4001 N. Vasco Rd. Liver more CA. 94550 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	TRANSF	ORTER
Address P.O. Box 1622 Vehicle License No./State Vehicle Certification Vehicle Certificati		Phone No. 510 - 487 - 3347
Address P.O. Box 1622 Vehicle License No./State Vehicle Certification Vehicle Certificati	Transporter Name Della fosse Trucking Inc.	Driver Name (Print) Leon W F/ANDIERS
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Diver Signature DESTINATION Site Name Vasco Rocd Land fill Phone No. Phone No. Phone No. I O - 4 4 7 0 4 7 1 Address 4001 N. Vasco Rd. Liver more CA. 94(50) I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	Address <u>P.O.</u> Box 1622	Vehicle License No./State 26653W Ca
I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby certify that the above named material was delivered without incident to the destination listed below. I hereby	Union City CA 94587	Vehicle Certification 4014/77, 1/01794
Diver Signature Delivery Date DESTINATION Site Name V45Co Road Land fill Phone No. 5 1 0 - 4 4 7 0 4 9 / Address 4001 N. Vasco Rd. Liver more CA. 94550 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	I hereby certify that the above named material was picked up	I hereby certify that the above named material was delivered with-
Site Name Vasco Road Land fill Phone No. 5 1 0 - 4 4 7 0 4 9 1 Address 4001 N. Vasco Rd. Liver more CA. 94 50 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate. 1 1 0 9 9 3		2000
Site Name Vasco Rocd Land fill Phone No. 5 1 0 - 4 4 7 0 4 9 1 Address 4001 N. Vasco Rd. Liver more CA. 94550 I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	DESTIN	IATION
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		· · · · · · · · · · · · · · · · · · ·
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	Site Name Vasco Road Land till	Phone No. S / O _ 9 9 7 /
Jupa 110993	Address 4001 N. Vasco Rd. Live	amore CA 94(50
	I hereby certify that the above named material has been accepted an	d to the best of my knowledge the foregoing is true and accurate.
Name of Authorized Agent Signature Aeceipt Date	·	110993
	Name of Authorized Agent Signature	Receipt Date



	GENER	ATOR			
Generator Name John Williamso		Generating Location	Tohns	Mob.1	
Address 1511 Welington Av.	·	Address 3635	13 54	AVI.	
Dakland CA 94602		Oaklar	nd CA.	94610	
Phone No. 5 / 0 - 5 3 0 2 9 9		Phone No. 5 / 6	-536	2 5 5 7	3
Bri waste Code	2893	40805	Linita	Containers	Type D - Drum
Soil Contaminated w/gas, or	1) + 5 reas	Quantity /	Units Variable Va	No. Type	C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other
I hereby certify that the above named material do- state law, is not a hazardous waste as defined by classified and packaged, and is in proper condition	y 40 CFR Part 2	261 or any applicable s	tate law, has b	been properly de	oplicable escribed,
STEVE DE HOPE Signature Signature	Copy		/ O 9 Shipment Da	9 3	
	TRANSPO	RTER			
Truck No.	Р	hone No. 510	487 -33	397	
Transporter Name Della fosse Trucki	ng Inc. D	river Name (Print)	ARIES U	1.5pg (0/0	1
Address Po. Rax 1622		ehicle License No./State	9 <u>C4Z</u>	436 0	4CCF.
Union City CA 945.	87 v	ehicle Certification		•	
hereby certify that the above named material was pick tithe generator site listed above.	ked up	hereby certify that the a			ered with-
Twer Signature Shipmen	9 9 3 Df	Hulf I	 -	Delivery	
	DESTINA	TION			
ite Name Vasco Road Landf			10-9	4704	F /
ite Name Vasco Road Landfi. ddress 4001 N. Vasco Rd.	Liver	more CA.	94550		
nereby certify that the above named material has been	•		edge the forego	oing is true and a	accurate.
		flc	RO	1/08	4, 3
me of Authorized Agent	Signature			Receipt [Date
•					

PASS CODE _



GENE	RATOR
Generator Name John Williamson	Generating Location Johns Mob. /
Address 1511 Welington Ave.	Address 3635 13Th Ave.
Ockland CA. 94602	Dakland CA. 94610
Phone No. 5 / 0 - 5 3 0 Z 5 7 3	Phone No. 5 / p - 5 3 6 2 9 9 3
BFI Waste Code C A 4 5 1 1 0 8 7 3 Description of Waste	Quantity Units No. Type D - Drum
soil Contaminated w/ gas, soil, to	C · Carton
I hereby certify that the above named material does not contain state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	free liquid as defined by 40 CFR Part 260.10 or any applicable 261 or any applicable state law, has been properly described, ition according to applicable regulations.
Steve DeHope /W/	190 9 9 3
Generator Authorized Agent Name Signature TRANSP	Shipment Date
	Phone No. 510 - 487- 3397
Transporter Name Della fosse Trucking Inc.	Driver Name (Print) V.L. SHELTON JE
Address Union City CA. 945875	Vehicle License No./State 324/09 Z
PO Roy 1622	Vehicle Certification
	I hereby certify that the above named material was delivered without incident to the destination listed below.
Ner Signature Shipment Date	Oriver Signature Delivery Date
DESTIN	ATION
ite Name Vesco Road Land (11) ddress 4001 W. Vesco Rel. L	Phone No. 5 1 0 - 4 7 7 0 4 5
ddress 4001 W. Vasco Kel. L	ivermore CA 94550
hereby certify that the above named material has been accepted and	to the best of my knowledge the foregoing is true and accurate.
time of Authorized Agent Signature	PCP 1 0 9 9 5 Receipt Date
	nooshi Mate



GEN	IERATOR	
Generator Name John Williamson	Generating Location Johns Mobil	
Address 1511 Welington Ave.	Address 3635 13th Ave.	
Ockland CA 94602	Dekland CA 94610	
Phone No. 5 / 0 - 5 3 5 2 9 9 3	Phone No. 5 / 0 - 5 3 0 2 9 9 3	
BFI Waste Code Description of Waste	3 9 0 8 0 5 Containers Type Quantity Units No. Type D-Drum	
Soil Contaminated W/ gas, oil, +s	C - Carton	
	Y - Yards O - Other	
state law, is not a hazardous waste as defined by 40 CFR F classified and packaged, and is in proper condition for transposed for the state of the s	Hby 110993	
Generator Authorized Agent Name Signature	Shipment Date SPORTER	
Truck No		
Union Kity CA. 94587	Vehicle Certification	
hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without holdent to the destination listed below.	
Driver Signature	Driver Signature Delivery Date	
DEST	INATION	
Site Name Vasco Road Land Ell	Phone No. 5 10 -4 7 7 7 7 7	
oddress 4001 N. Vasco Rd	Livermore CA 94550	
hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		
	/leso 110593	
ame of Authorized Agent Signature	Receipt Date	



GENE	RATOR
	naron.
Generator Name - John Williamson	Generating Location Johns Mobil
Address 1511 Wellington Ave.	Address 3635 /37 Avr.
Oakland CA 94602	Oakland CA 94610
Phone No. 5 / 0 - 5 3 0 2 9 9 3	Phone No. 5 1 5 -5 3 5 2 8 9 3
BFI Waste Code C A 4 0 5 / 1 0 8 3 3 Description of Waste	Y 0 8 0 Containers Type Quantity Units No. Type D - Drum
2 Seed Priority Co. Tradic	C - Carton B - Bag
Soil Contaminated W/ 365.01 + Sre	-
	O - Other
state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	r free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, ration/according to applicable regulations.
STEVE De Hope Generator Authorized Agent Name Signature Signature	Shipment Date
TRANSP	
70	
Truck No	Driver Name (Print) IM MARTIN
Address P0 B6x 1622	Vehicle License No./State 1882920
Union City CA 94587	Vehicle Certification
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature 1	Driver Signature Delivery Date
DESTIN	ATION
Site Name Vasco Road Land fill Address 4001 N. Vesco Rd. Liv	Phone No. 5 1 0 - 4 4 7 0 4 6 7
Address 4001 N. Vesco Rd. Liv	ermore CA. 94550
I hereby certify that the above named material has been accepted and	
	MFO 110993
Name of Authorized Agent Signature	Receipt Date

PASS CODE



GENE	RATOR
Generator Name John William Sun	Generating Location Johns Mobil
	Address 3635 137 Ave.
Dakland CA 94602	Oakland CA 49610
Phone No. 5-10-530 Z 7 7 3	Phone No. 5 / 0 -5 3 5 2 9 9 3
BFI Waste Code A 4 5 5 7 7	Containers Type
Soil Contaminated W/ gas, oil tge	C - Carton B - Ban
Generator Authorized Agent Name Signature	. Shipment Date
TRANSP	ORTER
Truck No.	Phone No. 510 - 487-3397
Transporter Name Della fosse Trucking Inc.	
Address PO Box 1622	Vehicle License No./State 9C 42375
Union City CA, 94587	Vehicle Certification 4/36/5
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Criver Signature 1	Driver Signature Delivery Date
DESTIN	ATION
Site Name Vasco Road Landfill	Phone No. 8 1 0 4 4 7 6 4 9 1
Site Name Vasco Road Landfill Address 4001 N. Vasco Rd L	ivermore CA 94550
hereby certify that the above named material has been accepted an	
	110993
ame of Authorized Agent Signature	Receipt Date
•	



GENE	RATOR
Generator Name John Williamson	Generating Location Johns Mobil
Address 1511 Welington Ave.	Address 3635 13th Ave.
Oakland CA 94602	Oakland CA 44610
Phone No. 5 10 -5 3 0 2 9 9 3	Phone No. 5 / 0 - 5 3 5 2 7 4 3
BFI Waste Code C 7 7 9 5 7 7 0 8 8 3 Description of Waste	Quantity Units No. Type D - Drum
sol contaminated w/ gas, oil age	
	O - Other
	n free liquid as defined by 40 CFR Part 260.10 or any applicable t,261 or any applicable state law, has been properly described, according to applicable regulations.
Steve DeHope (the) A)	110993
Generator Authorized Agent Name Signature TRANSF	Shipment Date
Truck No.	Phone No. 510 - 487-3387
Transporter Name Dellafosse Trucking Inc	
Address <u>P.O. Box</u> 1622	Vehicle License No./State 3241682
Union City GA 94587	Vehicle Certification
hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
1 hellow for 110993	X. C Bullon J. 110993
river Signature Shipment Date	Briver Signature Delivery Date
DESTIN	ATION
ite Name Vasco Road Landfill	Phone No. 5/0 - 9 4 7 0 4 9 /
ddress 400+ N. Vasco Rd.	Livermore CA 94550
hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.	
	110993
ame of Authorized Agent Signature	Receipt Date

PASS CODE



GENE	RATOR
Generator Name Juhn Williamson	Generating Location Johns Mobil
Address 1511 Welington Ava.	
Ockland CA 94602	Ockland CA 94610
Phone No. 5 1 0 -5 3 0 2 9 9 3	Phone No. 5 / 0 - 5 3 b Z 9 7 5
BFI Waste Code C A 4 0 5 1 0 8 9 3	Containers Type Ougntity Units No Type D - Drum
Soil Contaminated w/ 505, oil 1306	C - Carton
13/22 07 33/3/2	P - Pounds Y - Yards O - Other
state law, is not a hazardous waste as defined by 40 CFF Par classified and packaged, and is in proper condition for transfor	affee liquid as defined by 40 CFR Part 260.10 or any applicable at 261 or any applicable state law, has been properly described, ation according to applicable regulations.
Steve De Hope Generator Authorized Agent Name Spinature	0 9 9 3 Shipment Date
TRANSP	<u> </u>
Truck No.	Phone No. 510-987-3397,/
Truck No	Driver Name (Print) KNNIS MELOZIMA
Address PO BOX 1622	Vehicle License No./State 354
Unioh City CA 94587	Vehicle Certification
I hereby certify that/the above named material was picked up at the generator site listed above.	dut incident to the destination listed below.
Driver Signature Shipment Date	Driver Signature Delivery Date
DESTIN	
Site Name Vasco Road Landfill	Phone No. 5 1 9 - 4 4 7 0 4 7 1
	Livermose CA 9.4550
I hereby certify that the above named material has been accepted an	d to the best of my knowledge the foregoing is true and accurate.
	hyper IVORGS
Name of Authorized Agent Signature	Receipt Date

PASS CODE_



GENE	RATOR
Generator Name John W. Iliamson	Tobas Malil
Generator Name	Generating Location
Address 1511 Welington Ave. Oakland CA 94602	Address SCSS 151- Ave
	Oakland CA 94610
Phone No. 5 / 0 - 5 3 5 2 9 9 3	Phone No. 5 / 0 - 5 3 0 2 7 9 3
BFI Waste Code Description of Waste	Quantity Units No. Type D - Drum
Bosonphen of Waste	Quantity Units No. Type C - Carton B - Bag
soil contaminated w/ gas, oil tgr	T - Truck P - Pounds
	Y - Yards O - Other
I horsely contify that the shave named metallic does not contain	from liquid as defined by 40 CER Bort 200 40 as any applicable
	free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, ation according to applicable regulations.
steve De Hope #	110993
Generator Authorized Agent Name Signature TRANSP	Shipment Date
-0	Phone No. 510 487 - 3397
Transporter Name Della fosse Trucking Inc	Driver Name (Print) IM MARTIN
Address PO Box 1622	Vehicle License No./State 1R82920
Union City CA. 94587	
I hereby certify that the above named material was picked up at the generator site listed prove.	I hereby certify that the above named material was delivered without incident to the destination listed below.
1/0983	11/08/8/3
Driver Signature Shipment Date	Driver Signature Delivery Date
DESTINA	ATION
Site Name Vasco Road Land fill Address 4001 N. Vasco Rd a	Phone No. 5 1 0 - 4 7 7 0 4 7 1
Address 4001 N. Vasco Rol a	Livermore CA 94550
I hereby certify that the above named material has been accepted and	d to the best of my knowledge the foregoing is true and accurate.
	MAG 1110995
Name of Authorized Agent Signature	Receipt Date
,	•

PASS CODE _____



GENE	RATOR
Generator Name John Williamson	Generating Location Johns Mobil
Address 1511 Walington AL Ave Da Kland CA, 94602	Address 3635 1312 Ave.
Dakland CA. 94602	Address 3635 1312 Ave. Dakland CA. 94610
Phone No. 5 / 0 -5 3 0 2 9 9 3	Phone No. 5 / 0 -5 3 5 7 6 3
BFI Waste Code A 405 / 0893 Description of Waste	D - Orum
soil Contaminated w/gas, oil, go	C - Carton B - Bag
	free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, ation according to applicable regulations.
TRANSP	ORTER
Truck No	Phone No. 510-487-5397
Transporter Name Della fisse Trucking Inc	Phone No. <u>\$10-487-5397</u> Driver Name (Print) <u>CNAR465</u> Stabb5
Address PORGA 1622	Vehicle License No./State 9242373
Union City CA 94587	Vehicle Certification 4
I hereby certify that the above named material was picked up at the generator site listed above.	(1) (A) (A)
Charles Stude 7 7 9 7 3 Driver Signature Shipment Date	Charles Sites P 9 3 Delivery Date
DESTIN	ATION
Site Name Vasco Road Land fill	Phone No. 5 / 0 _ 4 4 7 0 4 6 /
Site Name Vasco Road Land fill Address 4001 N. Vasco Rel.	Livermore CA, 94550
hereby certify that the above named material has been accepted and	d to the best of my knowledge the foregoing is true and accurate.
	110993
Name of Authorized Agent Signature	Receipt Date



GENI	ERATOR
Generator Name John Williamson Address 1511 Welington Ave.	Address 3635 1372 Ave.
Dakland CA. 94602	Dakland CA 94610
Phone No. 5 / 0 - 5 3 0 Z G G 3	Phone No. 5 / 0 - 5 3 0 2 7 9 3
BFI Waste Code C A 4 0 5 1 0 8 9 3 Description of Waste	Quantity Units No. Type D - Drum
Soil contaminated W/ Sas, ol, 31	
	O - Other
STEVE Del-fupe Generator Authorized Agent Name Classified and packaged, and is in proper condition for transport Signature	Phone No. 5/0 487-3397 Driver Name (Print) MARTIN Vehicle License No./State (R & 1920)
	Thereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date	Driver Signature Delivery Date
DESTI	NATION
Site Name Vasco Road Landfill Address 4001 N. Vasco Rd	Phone No. 5 1 0 - 4 4 7 0 4 9 /
Address 4001 N. Vasco Rd.	Livermore GA 94550
I hereby certify that the above named material has been accepted a	110993
Name of Authorized Agent Signature	Receipt Date



GENE	RATOR
Generator Name John Williamson	Generating Location Johns Mobil
Address 1511 Wellington Aue	Address 3635 13th Ave.
DAKLAND CA 94602	OAKlAND CA. 94610
Phone No. 5 1 0 - 5 3 5 2 5 5 3	Phone No. 5 5 5 5 5 7 7 7
BFI Waste Code Description of Waste	Containers Type Ougnith Unite No Type D-Drum
Soil Contaminated w/ GAS, Oil + GRASE	Quantity Units No. Type C - Carton B - Bag T - Truck
	P - Pounds Y - Yards
	O - Other
I hereby certify that the above named material does not contain state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	free liquid as defined by 40 CFR Part 260.10 or any applicable 261 or any applicable state law, has been properly described, ation according to applicable regulations.
Generator Authorized Agent Name Signature	Shipment Date
TRANSP	ORTER
Fruck No.	Phone No. 5/0) 487-3397
- h ~	
ransporter Name Tellatisie Truking Inc.	Driver Name (Print) J. L. SHELTONSR.
ransporter Name Dellatiscie Truking Inc. Address P.O. Box 1624	Driver Name (Print) J. L. SHECTONSR. Vehicle License No./State 3291092
ransporter Name Dellationie Truking Inc. address P.O Box 1222 Union City 94587	Driver Name (Print) J. L. SHELTONSR. Vehicle License No./State 324/092 Vehicle Certification
hereby certify that the above named material was picked up	and the state of t
hereby certify that the above named material was picked up	Vehicle Certification I hereby certify that the above named material was delivered without incident to the destination listed below.
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hereby certify that the above named material was picked up to the generator site listed above. Wer Signature DESTIN	Vehicle Certification I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date
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hereby certify that the above named material was picked up the generator site listed above. Wer Signature DESTIN	Vehicle Certification I hereby certify that the above named material was delivered without incident to the destination listed below. Driver Signature Delivery Date
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GENE	RATOR
Generator Name John Williamson	Generating Location Johns Mobil
	Generating Location SAN, 1150
Address 1511 Wellington Ave.	Address 3635 13 4 A.e.
OAKland (A. 94602	OAKLAND CA 94610
Phone No. 516 - 536 2993	Phone No. 5 5 5 -5 3 0 2 9 7 3
BFI Waste Code A 4 5 1 1 5 5 7 3	Containers Type Overtify Linits No. Type D - Drum
Description of Waste	Shally VIII (C-Carton
1337/637/	B - Bag
	P - Pounds Y - Yards
	O - Other
state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport	free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, ation according to applicable regulations.
STEXE DR House Generator Authorized Agent Name Signature	Shipment Date
TRANSP	
Truck No. Dellafosse Trucking Inc.	Phone No. (510) 487-3397
Transporter Name	Driver Name (Print) Leon W FIANDIERS
Address P, 0 Box 1622	Vehicle License No./State 26653W Ca
union city CA 94587	Vehicle Certification 401477, 401794
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Jeon 67 lande 110597	Teau 6 7/1 1 - 1 1 1 0 53
Oriver Signature Shipment Date	Driver Signature Delivery Date
DESTIN	ATION
Site Name VASCO Rd LAND FILL Address 4001 N VASCO Rd. LICENOFR	Phone No. 5/0 - 747 9 47 1
Address 4001 W VASCO Rd. LIRCTHORE	CA. 94550
I hereby certify that the above named material has been accepted an	d to the best of my knowledge the foregoing is true and accurate.
	My VXXA95
Name of Authorized Agent Signature	Receipt Date



GENE	RATOR		
Generator Name John Williamson	Generating Location Johns Mobil		
Address 1511 Welington 5th	Address 3635 135 Ave		
· ·	•		
Dakland CA. 9460Z	OAKland CA. 94610		
Phone No. 5 1 0 - 5 3 0 2 9 9 3	Phone No. 5 6 5 3 6 7 5 3		
BFI Waste Code C A Description of Waste	Quantity Units No. Type D - Drum		
Soil contaninated w/ Gas, oil & grea			
	P - Pounds Y - Yards		
	O - Other		
state law, is not a hazardous waste as defined by 40 CFR Par classified and packaged, and is in proper condition for transport			
STEVE DE HOPE Generator Authorized Agent Name Signature			
TRANSP	ORTER		
Truck No.	Phone No. 510 - 487 - 3397		
Transporter Name Dellafosse Trucking Inc.	Driver Name (Print) LEON W MADERS		
Address VO , $Bo \times 1622$	Vehicle License No /State 26655 W Ca		
Union City CA. 94587			
hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.		
Level 1/0993	Tacle Part 110993		
Oriver Signature Shipment Date	Óriver Signature Delivery Date		
DESTINATION			
Site Name Vasco Road Landfill	Phone No. 5 10 - 4 4 7 0 4 9 1		
Address 4001 N. Vasco Rd. Liver	moure CA. 94550		
hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
· · · · · · · · · · · · · · · · · · ·	My 10993		
ame of Authorized Agent Signature	Receipt Date		

PASS CODE



GENE	RATOR	
Generator Name John Williamson	Generating Location Johns Mobil	
Address 1511 Welington Ave	Address 3635 /312 Ava	
Dalcland CA. 94602	Oakland CA. 94610	
Phone No. 5 1 0 - 5 3 0 2 8 9 3	Phone No. 5 10 -5 3 0 2 9 9 3	
BFI Waste Code P Description of Waste	Quantity Units No. Type D - Drum	
soil contaminated v/ cas, oil, + gi	C - Carton	
	Y - Yards O - Other	
	in free liquid as defined by 40 CFR Part 260.10 or any applicable t 261 or any applicable state law, has been properly described, attorn according to applicable regulations.	
TRANSP		
Truck No:	Phone No. 510 (487-3387) Driver Name (Print) XXXXS ACACAC Vehicle License No./State 4034	
Union \$4; CA 94587	Vehicle Certification 2	
hereby certify that the above named material was picked up at the generator site listed above. 1 0 9 3 3 3 4 7 5 6 7 7 7 8 9 9 1	I hereby certify that the above named material was delivered without incident to the destination listed below. The property of the destination	
DESTIN	ATION	
Site Name Vasco Road Landfill Address 4001 N. Vasco Rd. Cirer		
Address 4001 N. Vasco Rd. Cirer	more CA. 94550	
hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.		
	Mell 110993	
ame of Authorized Agent Signature	Receipt Date	



GEI	NERATOR
Generator Name John Williamsow	Generating Location 363 - John, Most
Address 1511 Welington st.	Address 9 3635 13 12 Ave
04kland, CA 94602	Dakland, CA 94610
Phone No. 5 1 0 -5 0 0 2 1 4 7	Phone No. 5 6 5 5 Containers Type
BFI Waste Code Description of Waste	Quantity Units No. Type D - Drum
Soil continuated w/ Gas, oil + Green	Se I B Y O T T C - Carton B - Bag
	P - Pounds Y - Yards
	O - Other
	rain free liquid as defined by 40 CFR Part 260.10 or any applicable Part 261 or any applicable state law, has been properly described, portation according to applicable regulations.
TRAN	SPORTER
Truck No	_ Phone No. (516) 487 - 3357 _ Driver Name (Print) ∠ SHELTON √ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON ✓ C SHELTON
Transporter Name Della Fosse Trucking Inc	Driver Name (Print) J L SHELTON JO
union City Ca 94587	Vehicle License No./State 32 41092
union City ca 94582	Vehicle Certification
hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Priver Signature Shipment Date	Driver Signature Delivery Date
	INATION
Site Name VASCO ROAD LANDFILL	Phone No. 2 1 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
iddress 4001 N VAXO RU L	wermire (A 94550
hereby certify that the above named material has been accepted	and to the best of my knowledge the foregoing is true and accurate.
amo of Authorized Access	My DEST
ame of Authorized Agent Signature	Receipt Date
	·



GENERATOR			
Generator Name John Williamson	Generating Location Tohn) Mob.		
Address 1511 Wellington Aue	Address 3635 13+ Ave		
Oaklund CA 94602	. DAKland . 94410		
Phone No. 5 1 5 - 5 7 5 2 5 4 3	Phone No. 5 1 -5 3 5 2 9 5 3		
BFI Waste Code A Description of Waste	Quantity Units No. Type D - Drum		
Soil contaminated W/GAS, oil + Crease	C - Carton B - Bag		
	T - Truck P - Pounds		
	Y - Yards O - Other		
	n free liquid as defined by 40 CFR Part 260.10 or any applicable rt 261 or any applicable state law, has been properly described, tation according to applicable regulations.		
STEVE De the period of the Signature Signature	Shipment Date		
TRANSF	PORTER		
Truck No	Phone No. (510) 487 - 3397		
Transporter Name DRIM tossE TRucking Inc.	Driver Name (Print) NAMES Subs		
Address 1,0 1364 /622	Vehicle License No./State 9045455		
union City CA. 94587	Vehicle Certification		
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.		
C Stapps 81 0995	Call 11097		
Driver Signature Shipment Date	Driver Signature Delivery Date		
DESTIN	NATION		
Site Name Ulasco Road LANGFill	Phone No. 5 1 0 — 4 4 7 0 4 1		
Address 4001 N VASCO 2d Civern	iore CA 94550		
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
	My 1 1 1 1 7 3		
Name of Authorized Agent Signature	Receipt Date		

PASS CODE

APPENDIX D HEALTH AND SAFETY PLAN



GF	NERATOR		
Generator Name John Williamson	Generating Location		
Address 1511 Welington Ave.	Address		
Oakland CA 44602	Octland CA 94610		
Phone No. 5/0 -5302993	Phone No. 5 1 0 — 5 3 5 2 6 6 5		
BFI Waste Code	Containers Type Ougatity Units No. Type D - Drum		
Description of Waste	Quantity Units No. Type C - Carton B - Bag		
soil contaminated w/ gas, oil, g			
7 55,00,13	Y - Yards		
	O - Other		
I hereby certify that the above named material does not con- state law, is not a hazardous waste as defined by 40 CFR I classified and packaged, and is in proper condition for transp	tain free liquid as defined by 40 CFR Part 260.10 or any applicable Part 261 or any applicable state law, has been properly described, of tation according to applicable regulations.		
Steve De Hope /W	# / / OA 9 5		
Generator Authorized Agent Name Signature	Shipment Date		
TRAN	SPORTER		
Truck No. <u>4.3</u>	Phone No. 5/0 - 487-3397		
Transporter Name Della fosse Trucking Inc	Driver Name (Print) CHARLEY Sputolog		
Address P.O. Box 1622	Vehicle License No./State 9C4 Z 4 36 PA		
Union City CA 94587	Phone No. SIO - 487-3387 Phone No. SIO - 487-487 Phon		
I hereby certify that the above named material was picked up at the generator site listed above.	I nereby certify that the above named material was delivered with- dut incident to the destination listed below.		
Driver Signature Shipment Date	Priver Signature Delivery Date		
DEST	INATION		
Site Name Vasco Road Land fill Address 4001 N. Vasco Rd	Livernore CA 94550		
Address			
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.			
	(110 13		
Name of Authorized Agent Signature	Receipt Date		
•	PASS CODE		

HEALTH AND SAFETY PLAN

Prepared for:

3635 13th Ave. jobsite Oakland, CA

Prepared for:

Mr. John Williamson 1511 Wellington St. Oakland, Ca. 94602

prepared by:

ALL ENVIRONMENTAL, INC. 2641 Crow Canyon Rd., Suite 5 San Ramon, Ca. 94583

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the building demolition and soil excavation project located at a former gasoline filling and auto service station. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc. or their respective companies. All permits required for this work will be obtained and proper notifications made.

B. WORK DESCRIPTION

Prepared by: Greg Gouvea (Health & Safety Officer)

Site Manager: Mr. Steve DeHope, Superintendent

Start Date: September 13, 1993

Site Address: 3635 13th Ave.

Oakland, Ca.

Scope of Work: All Environmental, Inc. (AEI) will remove 2

sheet metal buildings, pavement, and petroleum hydrocarbon contaminated soil from the property located at the above address. Soil samples will be taken from the native material comprising the

excavation walls and floor, and from the stockpiled soils. The excavation will be

backfilled.

C. SITE WASTE CHARACTERISTICS

Hazard Level: Serious: Low: XXX

Moderate: XXX Unknown:

Waste Type: Solid: Petroleum Hydrocarbon

contaminated soil

Sludge: None

Liquid: possible Petroleum Hydrocarbon

contaminated groundwater

Gas: possible volatile hydrocarbon

vapors from soil

Hazard Characteristics: Possibly combustible, Toxic

A working area (exclusion zone) will be established with fencing and or/barricades and caution tape. The working area will include all excavations, equipment, and job site activity. Only

authorized, qualified personnel will be allowed in the working area. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Project Manager.

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found in gasoline, diesel or fuel oil, or other motor fuel.

1. Benzene

- a. Colorless to light yellow, flammable liquid with an aromatic odor.
- b. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression
- c. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene

- a. Colorless liquid with a sweet pungent, benzene like odor.
- b. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

3. <u>Xylene</u>

- a. Colorless liquid with an aromatic odor.
- b. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

4. Ethylbenzene

- a. Colorless liquid with an aromatic odor.
- b. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

5. Lead

A heavy ductile soft grey metal.

b. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is a known carcinogen.

c. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb.

Other on site hazards will be those associated with powered heavy equipment, rigging and moving of large, heavy objects, and falling into an excavation. Heavy equipment used for performing the building demo and soil excavation project may include a backhoe, an excavator, or a crane. Only 40 hour trained personnel will operate equipment or perform any duty associated with this project. A hard hat and steel toed boots are mandatory for all personnel associated with on site project activity. The excavation will be properly sloped for stability, safety, and personnel entry if needed. The site will inspected on a daily basis for safety and potential cave-ins.

The proximity of adjacent residences and other structures will require particular care during the demolition phase of the project. Underground and overhead lines or piping must be considered live or in use unless known otherwise.

Dusty Roy has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. Personnel shall maintain the maximum distance from the pit and equipment while performing their duties. No one shall enter an excavation that is greater than five feet in depth and no one shall climb on the stockpiled material.

A FIRST AID KIT AND AT A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE. THE SUPERINTENDENT'S VEHICLE IS THE DESIGNATED COMMAND POST IN CASE OF EMERGENCY.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING 911 ON THE TELEPHONE LOCATED IN THE SUPERINTENDENT'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level 'D' protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more then five minutes. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceed's 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the excavation exceeds 2,000 ppm or

25% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level A or B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:

Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:

Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:

Half face respirator / Hard hat / Safety glasses / Steel toe boots Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, Organic vapor/ w-filter is the appropriate canister for use with the involved substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE SITE SAFETY OFFICER.

F. MONITORING INSTRUMENTS

An environmental monitoring instrument shall be used on site at specified intervals. The GasTech instrument will measure organic vapors in the breathing spaces.

G. EMERGENCY HOSPITAL

The hospital selected for a medical emergency is:

HIGHLAND HOSPITAL, EMERGENCY ROOM - (510) 437-4557 1411 E. 31ST ST., OAKLAND

DIRECTIONS TO HOSPITAL FROM THE JOB SITE:

EXIT JOB SITE ON 13TH AVE. AND GO: RIGHT ON 13TH AVE. TO E. 31ST ST., LEFT ON E. 31ST ST. TO HOSPITAL ON LEFT.

READ AND SIGN

The work party was briefed on the contents of this plan on $\frac{SEPTEMBER}{17}$, 1993 at $\frac{8.00}{100}$ AM. All site personnel have read the above plan and are familiar with its provisions.

NAME:	SIGNATURE:	COMPANY NAME:
G.W. Roy STEVE Deflope Dusty Roy	JIMMy	AEI
STEVE De Hope	AU DOM	A E I A E I . A E I .
Dusty Roy	Dist Ry	AEI
	' /	

HEALTH AND SAFETY PLAN

At 3635 13th Ave. Oakland, CA

Prepared for:

John Williamson 1511 Wellington St. Oakland, CA

Prepared by:

ALL ENVIRONMENTAL, INC. 2641 Crow Canyon Road, Ste. 5 San Ramon, CA 94583

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the soil and groundwater investigation located at the property owned by John Williamson. All job site personnel will follow CAL OSHA safe operating practices as outlined in 29 CFR 1910 and 1926, as well as established guidelines set forth by All Environmental, Inc. or their respective companies.

B. WORK DESCRIPTION

Prepared by: Steve Penshorn (Health and Safety Officer)

Site Manager: Steve DeHope or Designated Alternate

Start Date: February 14, 1994

Address: 3635 13th Avenue

Oakland, CA 94610

Scope of Work: All Environmental, Inc. (AEI) will perform a soil

and groundwater investigation at the property

located at the above address.

C. SITE/WASTE CHARACTERISTICS

Hazard Level: Serious: Low: XXX

Moderate: XXX Unknown:

Waste Type: Solid: Contaminated Soil

Sludge: None

Liquid: Possible Ground Water

Gas: None

Hazard Characteristics: Combustible, Toxic

There will be a 10 feet boundary surrounding the drill rig and the stockpiled material. The area within this boundary is considered an exclusion zone and only qualified personnel will be allowed to enter. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Site Manager.

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist

at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found in gasoline or diesel fuel.

1. Benzene

- a. Colorless to light yellow, flammable liquid with an aromatic odor.
- b. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression
- c. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene

- a. Colorless liquid with a sweet pungent, benzene like odor.
- b. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

3. <u>Xylene</u>

- a. Colorless liquid with an aromatic odor.
- b. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

4. Ethylbenzene

- a. Colorless liquid with an aromatic odor.
- b. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.
- c. Permissible exposure level for a time weighted average over an ten hour period is 100 ppm.

5. Lead

- a. A heavy ductile soft grey metal.
- b. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is carcinogenic.
- c. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb.

The Site Manager has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. A safe perimeter has been established at a three feet radius surrounding the site. These boundaries are identified by a fence, yellow caution tape and orange safety cones. Personnel shall

maintain the maximum distance from the drill rig while performing their duties. Additional hazards on site include heavy equipment and overhead lifting equipment. Only 40 hour trained personnel will operate equipment or perform any duty associated with this project. A hard hat and steel toed boots are mandatory for all personnel within the exclusion zone. The site will be inspected on a daily basis for safety.

A FIRST AID KIT AND AT A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING 911 ON THE TELEPHONE LOCATED IN THE PROJECT MANAGER'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level 'D' protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more then five minutes. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceed's 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the bore hole exceeds 2,000 ppm or 25% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:

Fully encapsulating suit / SCRA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:

Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:

Half face respirator / Hard hat / Safety glasses / Steel toe boots Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, Organic vapor/ w-filter is the appropriate canister for use with the involved

substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE SITE SAFETY OFFICER.

F. MONITORING INSTRUMENTS

The following environmental monitoring instruments shall be used on site at specified intervals.

Lower Explosive Limit (LEL) Meter that will also check the excavation atmosphere for toxic levels will be used to check if the work area is safe.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

HIGHLAND HOSPITAL

(510) 437-4557

DIRECTIONS FROM THE JOB SITE:

EXIT JOBSITE ON 13TH AVE. AND GO:

RIGHT ON 13TH AVE. TO E. 31ST ST.

LEFT ON E. 31ST STREET

HOSPITAL ON THE LEFT

I. <u>QA</u> <u>OBJECTIVES:</u>

We, at Priority Environmental Labs (PEL), commit to a quality assurance program designed to guarantee our analytical results are valid and properly documented.

II. <u>SAMPLING PROCEDURES:</u>

Sampling should be done according to EPA guidelines. Precautions are taken to avoid sample contamination and to maintain sample integrity. Proper containers and preservation techniques are used if necessary (See Table 1 of this manual). For examples, with water samples requiring volatile organic analysis, 40 ml vials with teflon-lined septa are used. For water samples requiring semi-volatile organic analysis, 1-liter glass bottles with teflon-lined septa are used.

In cases we provide these containers for our clients, we buy only EPA - approved containers. Once they arrive, they are washed in detergent and rinsed first with tap water then with deionized water.

III. SAMPLE CUSTODY:

The sampler is required to secure his samples upon arrival at the laboratory. Next, samples are inspected by our receiver to assure that proper containers, their conditions, and needed preservatives are used. Our receiver also inspects all necessary information such as sample identification, time of collection, sampling techniques, analysis required, etc. are submitted. If needed, we can provide clients with our chain of custody (See Table 2 of this manual). A PEL file number is assigned to each batch of samples to identify it.

Finally, samples are ready to be stored in refrigerators which are daily monitored to make sure their temperatures are less than 4 degrees centigrade (See Table 3,4, and 5 of this manual).

IV. CALIBRATION PROCEDURES AND FREQUENCY:

For routine analyses, a five - point calibration curve is used. Then, a mid - point standard is run every day. If the response factor of this mid - point standard is less than 20% of the calibration curve, the average response factor from the calibration will be used for calculation. Otherwise, a new calibration curve will be established after needed correction measures are performed.

For non - routine analyses, a three - point calibration curve will be established and its average response factor is used for calculation. (See Table 6 for a list of suppliers of standards and reagents that we used).

V. ANALYTICAL PROCEDURES:

Analyses are performed according to methods in Test Methods for Evaluating Solid Waste, SW-846, Third Edition, LUFT, Methods for Organic Chemical Analysis of Municipal and Industrial Waste Water, EPA - 600/4-82-057, and other methods approved by either EPA or DHS.

In general, before analyzing samples, we run a reagent water blank to make sure that our instrument, glassware, and reagents are free of contamination.

For each batch of samples, we analyze a sample blank by running a reagent water blank or a clean sample of similar matrix to that of real sample through all steps of preparation and measurement.

Next, a mid - point standard is run to check the validity of our existing calibration curve. Now, we are ready to analyze samples. A duplicate sample and a spiked sample are to be run for anybatch of samples or for every ten samples to check the precision of the result and the percentage of recovery of compounds spiked.

VI. DATA REDUCTION, VALIDATION, AND REPORTING:

Analyst who is responsible for the analysis will perform data reduction and validation by strictly following guideline set by appropriate approved methods.

Later, his data interpretation and calculation will be checked by a supervisor for validity before a typed report is issued. Both the analyst and his supervisor will proofread the report for any error before sending it to the client.

A copy of the report along with a copy of chain of custody, chromatograms if any, calculation sheets, and other information related to the analysis will be kept on file.

VII. INTERNAL QUALITY CONTROL CHECKS:

For every batch of sample, a quality control check sample will be run. This check sample will have all analytes needed to be determined in real samples. If any problem occurs, the correspond supervisor will dertermine the appropriate corrective action.

VIII. PERFORMANCE AND SYSTEM AUDITS:

Several times a month, the supervisor will test the measurement systems with samples of known compositions or behavior to evaluate precision and accuracy without the knowledge of the analyst to determine whether the measurement systems are being used appropriately.

IX. PREVENTIVE MAINTENANCE:

All instruments in the laboratory are regularly checked and maintained following manufacturer's suggestions. Any modification is timely recorded in an instrument record logbook.

X. PROCEDURES FOR DATA PRECISION AND ACCURACY:

We follow the quality assurance criteria set by California Department of Health Services (See Table 7 of this manual).

XI. CORRECTIVE ACTION:

Whenever a problem occurs, we will apply the following procedires:

- Identifying and defining the problem.
- Assigning responsibility for investigating the problem.

- Investigating the cause of the problem.

- Determining a corrective action to eliminate the problem which may be a combination of :

- * A thourough check of instruments.

 * A thourough check of standards, reagents, deionized water.
- Accepting responsibility for the corrective action.

- Evaluating its effectiveness.

- Verifying that the corrective action has eliminate the problem.

XII. <u>OUALITY ASSURANCE REPORT:</u>

Our quality assurance program are maintained periodically. Q/C data are recorded in different logbooks for different methods of analyses. These logbooks are weekly reviewed by our laboratory director.

The final report sent to our clients also includes all quality control data obtained while running samples.