ALL ENVIRONMENTAL, INC.
Environmental Engineering & Construction 2641 Crow Canyon Rd., Ste. 5 • San Ramon, CA 94583 • (510) 820-3224

Feb 1994

UNDERGROUND STORAGE TANK CLOSURE
FINAL REPORT
67 King Avenue
Piedmont, CA 94611

Prepared for:

Bob Leefeldt
9 Upper Road West
Ross, CA 94957

Prepared by:

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

REGISTERED PROFESSIONAL ENGINEER
GUY WALTER NRBY
3187
EXP. 3/31/94
CHEMICAL
STATE OF CALIFORNIA

2/18/94

February 11, 1994

FAX: (510) 838-2687

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1.0 INTRODUCTION

All Environmental Inc. (AEI) has prepared this final report to document the recent underground storage tank (UST) closure performed at 67 King Avenue in Piedmont, California. (Figure 1: Site Location Map). There was one UST on the property, a single 1,500 gallon home heating diesel fuel tank, which was closed on this site. The tank was located underground on the southeastern corner of the property, beneath a large old oak tree. (Figure 2: Site and Sample Location Map)

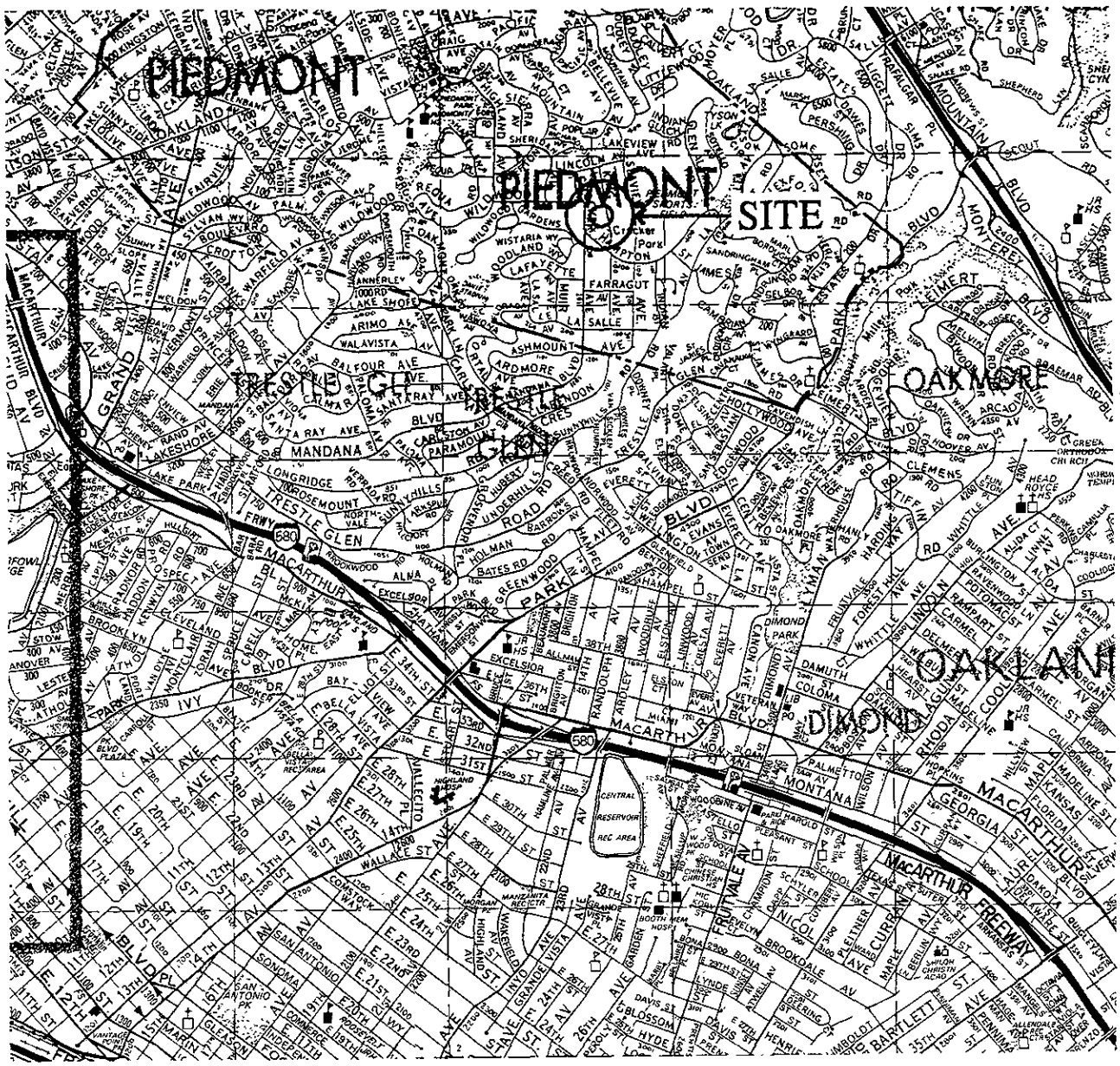
AEI was contracted, by the previous property owner (Bob Leefeldt), to obtain all necessary permits, remove residual liquids from the UST, sample the native soil below the UST, triple rinse the UST, and fill the tank with a portland slurry.

2.0 PERMITS AND NOTIFICATIONS

An Alameda County Health Care Services Agency Underground Tank Closure Permit was completed and approved by Brian Oliva, an inspector initially assigned to this case. A Copy of the permit is contained in Appendix A: Permits and Notifications.

3.0 SOIL SAMPLING AND ANALYSES

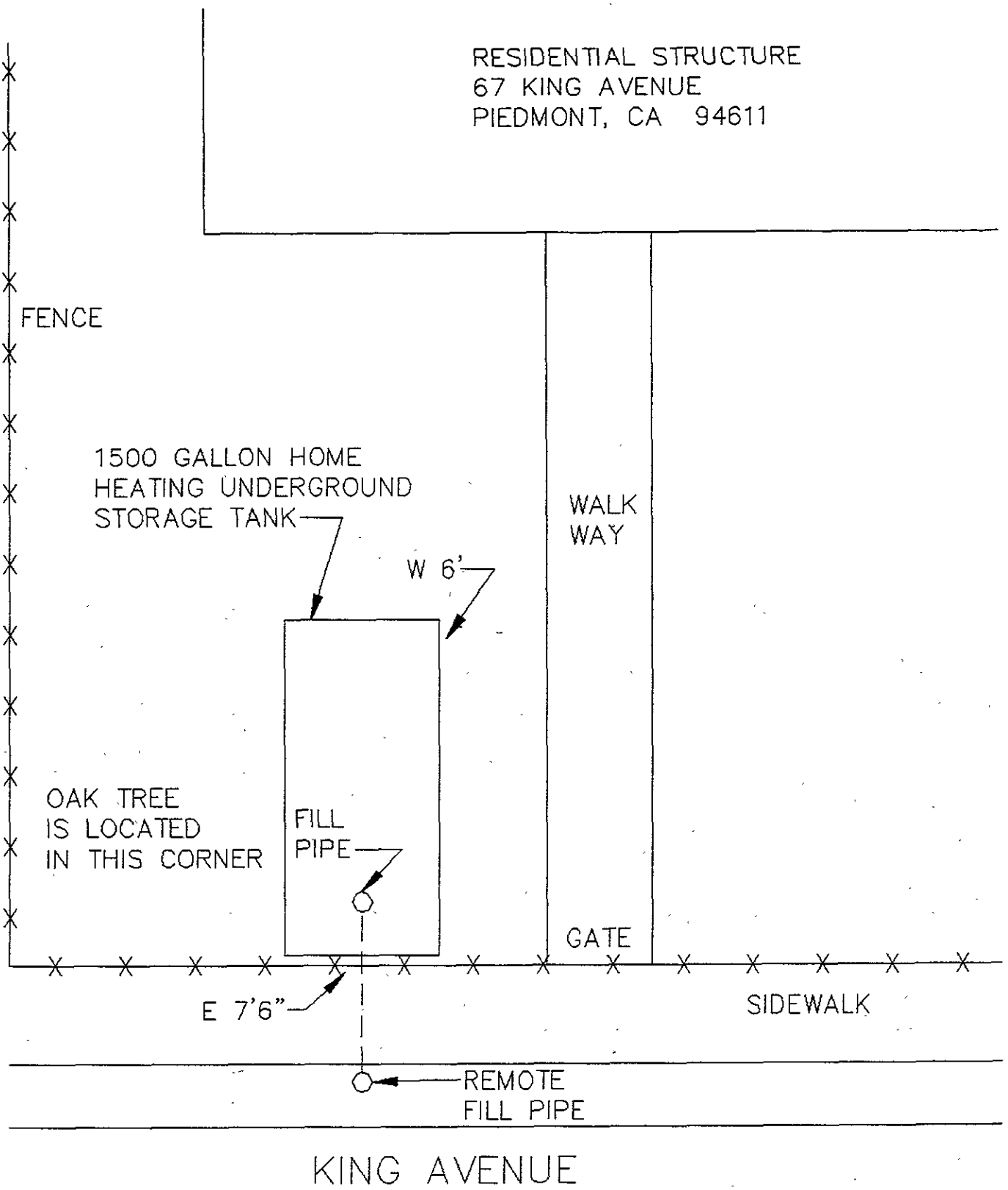
Soil samples (E 7'6" & W 6') were collected from below the tank to confirm that there was not a release of home heating diesel fuel into the soil or groundwater. All Environmental performed two soil borings using a hand auger that was directed from each end of the tank, at an angle to below the tank bottom. Hand augering was performed using an AMS Multi-stage Core Soil Sampler. The soil samples were obtained using the hammer attachment to



N

From Thomas Bros. Map – 1993

ALL ENVIRONMENTAL, INC. 2641 CROW CANYON RD, SAN RAMON		
SCALE: 1 INCH = 2,200 FT	APPROVED BY:	DRAWN BY: S.P.
DATE: 2/18/94		REVISED: S.P.
SITE LOCATION MAP		
67 KING AVENUE		DRAWING NUMBER: FIGURE 1



ALL ENVIRONMENTAL, INC. 2641 CROW CANYON RD, SAN RAMON		
SCALE: NTS	APPROVED BY:	DRAWN BY: C.H.
DATE: 2/10/94		REVISED: C.H.
SITE AND SAMPLE LOCATION MAP		
67 KING AVENUE		DRAWING NUMBER: FIGURE 2

drive the core tip and the brass tubes into the soil at the bottom of the borings. The location of the soil samples are illustrated on the Site and Sample Location Map.

The soil samples were secured using aluminum foil, teflon caps and sealed with duct tape. The samples were put on ice and transported, under chain of custody procedures to the All Environmental office. The samples were placed in a refrigerator, until the samples were picked up by Priority Environmental Labs personnel.

The samples were taken to Priority Environmental Labs (State Certification # 1708) for chemical analysis. All soil samples were analyzed for Total Petroleum Hydrocarbons (TPH) as diesel (EPA method 3550/8015) with Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) distinction (EPA method 8020). The results of soil sample analyses are tabulated below.

Table 1: Soil Sample Analyses

Sample I.D.	Diesel (mg/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethyl Benzene (ug/kg)	Total Xylenes (ug/kg)
E 7'6"	1300	9.8	18	23	92
W 6'	8200	13	30	38	180

(mg/kg) = ppm or parts per million

(ug/kg) = ppb or parts per billion

Copies of the analytical results and chain of custody are located in Appendix C: Sample Analytical Documentation.

4.0 PRODUCT REMOVAL AND TRIPLE RINSING

On the morning of November 10, 1993, the tank was emptied and approximately 1400 gallons of diesel fuel were removed from the tank with a Waste Oil Recovery Systems, Inc. vacuum truck.

On January 29, 1994, All Environmental triple rinsed the tank with 750 gallons of high pressure and high temperature water and detergent. This cleaning liquid was removed from the tank with a Waste Oil Recovery Systems, Inc. vacuum truck.

On both days the vacuum truck transported the liquid to the Demenno-Kerdoon facility located at 2000 N. Alameda in Compton, California, for disposal.

5.0 RINSATE SAMPLING AND ANALYSES

Following the triple rinsing of the interior of the tank, a sample of the rinsate material was secured in a 40 ml vile. The sample was put on ice and transported, under chain of custody procedures, to Priority Environmental Labs in Milpitas, California. The water sample was analyzed for TPH-diesel (EPA 3550/8015) and BTEX (EPA 8020). The results of the rinsate sample analyses are illustrated in the following table.

Table 2: Rinsate Sample Analyses

Sample I.D.	Diesel (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethyl Benzene (ug/kg)	Total Xylenes (ug/kg)
TRW	450	77	60	35	210

(ug/kg) = ppb or parts per billion

Copies of the analytical results and chain of custody are located in Appendix C: Sample Analytical Documentation.

6.0 FILLING TANK WITH CONCRETE

On February 4, 1994, the tank was filled with a 4SK sand concrete slurry. The tank was filled through the fill pipe, located directly above the tank.

7.0 DISCUSSION & CONCLUSIONS

One 1,500 gallon home heating diesel underground storage tank was filled with concrete slurry and closed in place at the residential property located at 67 King Avenue in Piedmont, California. The native soil below the diesel fuel tank appeared to be stained and had a diesel odor. The native soil was sampled and results of laboratory analysis yielded concentrations up to 8200 ppm of diesel. An Underground Storage Tank Unauthorized Release (Leak)/ Contamination Site Report was filled out and filed with the Alameda County Health Care Services Agency. A copy of this form is in Appendix D.

Madhulla Logan of the Alameda County Health Care Services Agency has requested the development of a workplan that includes a sampling plan and a remediation plan. The sampling plan will be used to determine the vertical and horizontal extent of soil contamination on the property due to the fuel oil tank. The remediation plan will be used to mitigate any discovered contamination.

8.0 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 NOTIFICATIONS

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA 94621
Telephone: (510) 271-4320

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

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

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections: *

✓ Closure/Removal of Tank(s) and Piping
✓ Sampling
___ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist

(1) see Conditions page 4
(2) associated piping must be removed or (i) triple rinsed and pressure grouted
Brian P. Oliva
(3) Health + Safety Plan must address 29 CFR 1910.120 (12/6/93)
(4) Obtain written approval from local fire Chief for closure and plan

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Business Name ____________________

   Business Owner Bob Leefeldt

2. Site Address 67 King Avenue

   City Piedmont Zip 94611 Phone 658-6767

3. Mailing Address 67 King Avenue

   City Piedmont Zip 94611 Phone 658-6767

4. Land Owner Bob Leefeldt

   Address 67 King Avenue City, State Piedmont, CA Zip 94611

5. Generator name under which tank will be manifested Bob Leefeldt

   EPA I.D. No. under which tank will be manifested N/A

6. Contractor All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon, CA 94583 Phone (510) 820-3224

License Type* A ID# 654919

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon, CA Phone (510) 820-3224

8. Contact Person for Investigation

Name Craig Hertz Title Vice President

Phone (510) 820-3224

9. Number of tanks being closed under this plan 1

Length of piping being removed under this plan 0

Total number of tanks at facility 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter

Name Waste Oil Recovery EPA I.D. No. CAD000626515

Hauler License No. 309033 License Exp. Date 10/94

Address 6401 Leona Street

City Oakland, State CA Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site

Name Demenno-Kerdoon EPA I.D. No. CAT080013352

Address 2000 N. Alameda

City Compton State CA Zip

c) Tank and Piping Transporter

Name N/A EPA I.D. No. _____

Hauler License No. _____ License Exp. Date _____

Address _____

City _____ State _____ Zip _____

d) Tank and Piping Disposal Site

Name N/A EPA I.D. No. _____

Address _____

City _____ State _____ Zip _____

11. Experienced Sample Collector

Name Steve DeHope

Company All Environmental, Inc.

Address 2641 Crow Canyon Road, Suite 5

City San Ramon State CA Zip 94583 Phone 820-3224

12. Laboratory

Name Priority Environmental Labs

Address 1764 Houret Ct.

City Milpitas State CA Zip 95035

State Certification No. 1708

13. Have tanks or pipes leaked in the past? Yes [ ] No [X]

If yes, describe. Not yet known.

14. Describe methods to be used for rendering tank inert

N/A Tank will be closed in place.

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

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
1500 gal	Home heating fuel	soil water, if encountered	Native soil at 8 feet in depth

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) N/A	Sampling Plan

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

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

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

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH diesel	3550	8015	1 ppm
BTEX		8020	5 ppb

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer State Fund

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. **Report any leaks or contamination to this office within 5 days of discovery.** The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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

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

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

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

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

Signature of Contractor

Name (please type) All Environmental, Inc. Craig Hertz

Signature Craig Hertz

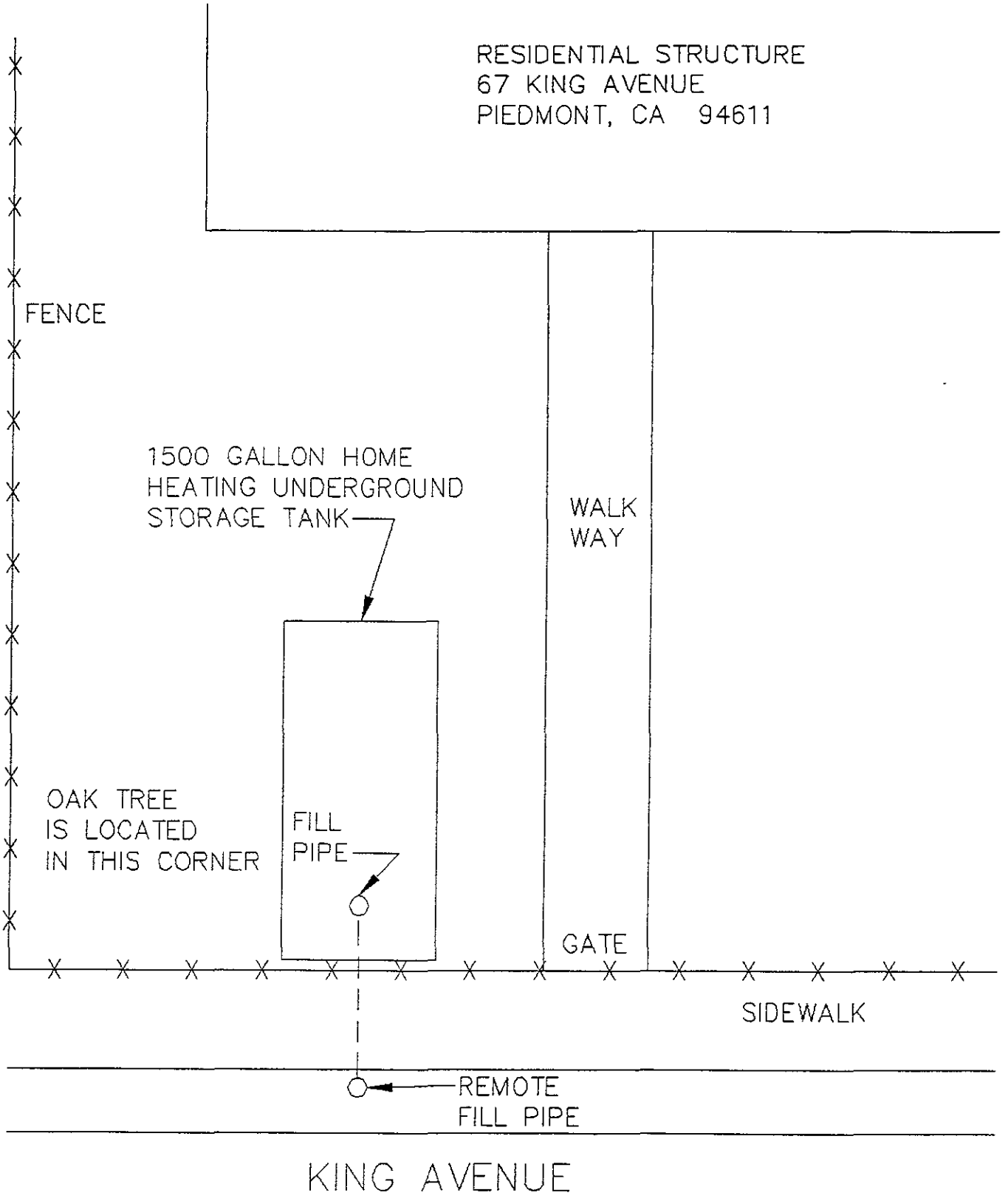
Date 11/29/93

Signature of Site Owner or Operator

Name (please type) Craig Hertz Agent for Owner

Signature Craig Hertz

Date 11/29/93



ALL ENVIRONMENTAL, INC. 2641 CROW CANYON RD, SAN RAMON		
SCALE: NTS	APPROVED BY:	DRAWN BY: C.H.
DATE: 11/29/93		REVISED: C.H.
SITE MAP		
67 KING AVENUE		DRAWING NUMBER: FIGURE 1

APPENDIX B

SITE HEALTH AND SAFETY PLAN

ALL ENVIRONMENTAL, INC.
Environmental Engineering & Construction 2641 Crow Canyon Rd., Ste. 5 • San Ramon, CA 94583 • (510) 820-3224

HEALTH AND SAFETY PLAN

Prepared for:

Bob Leefeldt
67 King Avenue
Piedmont, CA 94611

A. INTRODUCTION

This Site Specific Health and Safety Plan is written for the tank removal project located at the residential property, owned by Bob Leefeldt. 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: Craig Hertz (Vice President)

Site Manager: Steve DeHope

Start Date: December 7, 1993

Address: 67 King Avenue
Piedmont, CA 94611

Scope of Work: All Environmental, Inc. (AEI) will close in place a 1500 gallon home heating fuel tank at the residential property located at the above address. Soil samples will be taken from the native material, two feet below the center of the tank by use of a hand auger. All Environmental will excavate to the top of the tank, cut an 18 inch diameter hole in the top of the tank, triple rinse the tank, and sample the rinsate material inside the tank. Upon confirmation that the laboratory results yield less than 100 ppm of TPH-diesel and BTEX, the tank will be filled with a portland slurry and the excavation will be backfilled to match the surrounding conditions.

C. SITE/WASTE CHARACTERISTICS

Hazard Level:	Serious:		Low: XXX	
	Moderate: XXX		Unknown:	
Waste Type:	Solid:	Underground Storage Tank		
	Sludge:	None		
	Liquid:	Remaining Product inside Tank		
	Gas:	None		

Hazard Characteristics: Combustible, Toxic

There will be a three feet boundary surrounding the excavation pit 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 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 home heating 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. Xylene
   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.

Steve DeHope 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 yellow caution tape and orange safety cones. Personnel shall maintain the maximum distance from the pit while performing their duties. No one shall enter an excavation pit that is greater than five feet in depth and no one shall climb on the stockpiled material. If the excavation exceeds 5 feet in depth, then adequate shoring will be installed to ensure the safety of the personnel. Additional hazards on site include heavy equipment and overhead lifting equipment. Heavy equipment used for performing the tank removal project may include a backhoe, an excavator, or a crane for lifting the tank out of the excavation. 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 the tank removal. The excavation will be properly sloped for stability, safety, and personnel entry in needed. The site will inspected on a daily basis for safety and potential cave-ins.

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 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 / 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 tank for Oxygen levels will be used to check the tank for transportation.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

HIGHLAND HOSPITAL (510) 534-8055

DIRECTIONS FROM THE JOB SITE:

EXIT JOBSITE AND GO:

SOUTH ON KING
LEFT DOWN HAMPTON
RIGHT ON INVERLEITH
RIGHT ON ESTATES
RIGHT ON PARK BLVD.
LEFT ON EAST 31ST
RIGHT INTO HOSPITAL

APPENDIX C

SAMPLE ANALYTICAL DOCUMENTATION

PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

December 18, 1993 PEL # 9312053

ALL ENVIRONMENTAL, INC.

Attn: Steve DeHope
Re: Two soil samples for BTEX and Diesel analyses.

Project name: Leefeldt
Project number: 1050

Date sampled: Dec 16, 1993 Date submitted: Dec 17, 1993
Date extracted: Dec 17-18, 1993 Date analyzed: Dec 17-18,1993

RESULTS:

SAMPLE I.D.	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
E 7'6"	1300	9.8	18	23	92
W 6'	8200	13	30	38	180
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	91.7%	86.5%	90.2%	84.9%	93.7%
Detection limit	1.0	5.0	5.0	5.0	5.0
Method of Analysis	3550 / 8015	8020	8020	8020	8020

David Duong
Laboratory Director

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

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

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

PEL # 9312053

INV # 24304

Chain of Custody

DATE: 12/16/93 **PAGE:** ____ **OF:** ____

PROJECT MGR.: Steve Delforge
COMPANY: All Environmental
ADDRESS: 2641 Crow Canyon Rd.
San Ramon CA 94583
PHONE: 510-820-3224 FAX: 510-838-2687
SIGNATURE: _____

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TPH–Gasoline (EPA 5030,8015)	TPH–Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH–Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS EPA 418.1	NUMBER OF CONTAINERS
W6'	12/16/93		S				X	X				1
E7'6"	12/16/93		S				X	X				1

PROJECT INFORMATION
PROJECT NAME: Leefeldt
PROJECT NUMBER: 1050

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 2
RECD. GOOD COND./COLD: _____

INSTRUCTIONS & COMMENTS: _____

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
SIGNATURE: Steve Delforge	SIGNATURE: [illegible]	SIGNATURE:	SIGNATURE:
Date: 12/17	Date: 12/17/93	Date:	Date:
NAME: A.E.I.	NAME:	NAME:	NAME:
Time: 10:00	Time: 11:??	Time:	Time:
COMPANY:	COMPANY: PEL	COMPANY:	COMPANY:

PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 01, 1994 PEL # 9401097

ALL ENVIRONMENTAL , INC.

Attn: Steve DeHope
Re: One water sample for BTEX and Diesel analyses.

Project name: Leefeldt
Project number: 1050

Date sampled: Jan 31, 1994 Date submitted: Jan 31, 1994
Date extracted: Jan 31, 1994 Date analyzed: Jan 31, 1994

RESULTS:

SAMPLE I.D.	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
TRW	450	77	60	35	210
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	94.4%	94.6%	99.3%	88.4%	105.1%
Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	3510 / 8015	602	602	602	602

David Duong
Laboratory Director

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

P[illegible]y E[illegible]onm[illegible]tal [illegible]
1764 Houret Court
Milpitas, CA 95035
(408) 946-9636

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

PEL # 9401097

INV # 24441 y

DATE: 1/31/94 **PAGE:** 1 **OF:** 1

PROJECT MGR.: Steve DeHope
COMPANY: A.E.I.
ADDRESS: 2641 Crow Canyon Rd. San Ramon
PHONE: 510/820-3224 FAX: 510-838-2627
SIGNATURE: Steve DeHope

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	TPH-Gasoline (EPA 5030,8015)	TPH-Gasoline(5030,8015) w/BTEX(EPA 602,8020)	TPH-Diesel (EPA 3510/3550,8015)	PURGEABLE AROMATICS BTEX (EPA 602,8020)	TOTAL OIL & GREASE (EPA 5520 E&F)	PESTICIDES/PCB (EPA 608,8080)	TOTAL RECOVERABLE HYDROCARBONS EPA 418.1	NUMBER OF CONTAINERS
TRW	1-31		W				X	X				1

PROJECT INFORMATION
PROJECT NAME: Leefeldt
PROJECT NUMBER: 1050

SAMPLE RECEIPT
TOTAL # OF CONTAINERS: 1
RECD GOOD COND./COLD: ✓

INSTRUCTIONS & COMMENTS:

RELINQUISHED BY: 1	RECEIVED BY: 1	RELINQUISHED BY: 2	RECEIVED BY: 2
Steve DeHope	[illegible]		
SIGNATURE: Date: 1-31-94	SIGNATURE: Date: 1/31/94	SIGNATURE: Date:	SIGNATURE: Date:
NAME: Time: Steve DeHope 9:00	NAME: DAVID DUONG Time: 9:00Am	NAME: Time:	NAME: Time:
COMPANY: A.E.I.	COMPANY: PEL	COMPANY:	COMPANY:

APPENDIX D

UNDERGROUND STORAGE TANK
UNAUTHORIZED RELEASE FORM

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED _____ DATE _____

REPORT DATE: 02 / 01 / 94 | CASE #:

REPORTED BY
NAME OF INDIVIDUAL FILING REPORT: Craig Hertz | PHONE: (510) 820-3224 | SIGNATURE: Craig Hertz
REPRESENTING ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____
COMPANY OR AGENCY NAME: All Environmental Inc.
ADDRESS: 2641 Crow Canyon Rd. STREET #5 | San Ramon CITY | CA STATE | 94583 ZIP

RESPONSIBLE PARTY
NAME: Bob Leefeldt ☐ UNKNOWN | CONTACT PERSON: Bob Leefeldt | PHONE: (415) 258-9595
ADDRESS: 9 Upper Road West STREET | Ross CITY | CA STATE | 94957 ZIP

SITE LOCATION
FACILITY NAME (IF APPLICABLE): N/A | OPERATOR: N/A | PHONE: (510) 658-5151
ADDRESS: 67 King Ave. STREET | Piedmont CITY | Alameda COUNTY | 94611 ZIP
CROSS STREET: Hampton

IMPLEMENTING AGENCIES
LOCAL AGENCY / AGENCY NAME: Alameda County Health Care | CONTACT PERSON: Madhulla Logan | PHONE: (510) 271-4530
REGIONAL BOARD: Regional Water Quality Control | Eddy Soo | PHONE: (510) 286-1255

SUBSTANCES INVOLVED
(1) NAME: Diesel | QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN
(2) BTEX _____ ☒ UNKNOWN

DISCOVERY/ABATEMENT
DATE DISCOVERED: 1 / 2 / 1 / 8 / 9 / 3 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☒ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☐ OTHER _____
DATE DISCHARGE BEGAN: 01 / 13 / 1 / 9 / 4 ☒ UNKNOWN
HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE M M D D Y Y
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☒ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE
SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER _____

CASE TYPE
CHECK ONE ONLY
☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS
CHECK ONE ONLY
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION
CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER (OT) Workplan for Remediation underway

COMMENTS

HSC 05 (8/90)