

## Alameda County CUPA Program

### Contaminated Site Case Transfer Form

**Referral To: LOP**

<b>Date</b>	3-12-10
<b>Agency</b>	Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
<b>Attention</b>	Donna L. Drogos, LOP/SLIC Program Manager

**Site Information:**

<b>Site Responsible Party(s)</b> Pellegrini Refridg. & Restaurant Equip Co. & City of Emeryville (prop owner)	
Site Name	1550 Park Ave.
Site Address	1550 Park Ave., Emeryville, CA 94608
Site Phone	none
Site Contractor/Consultant (if available)	P & D Environmental/ Paul King
Site DBA	


**Site Conditions:**

<b>UST</b>			
USTs removed? # removed: <u>1</u> Date removed: <u>2-8-10</u>	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>
Contents (circle): gasoline <u>diesel</u> waste oil heating oil solvents	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
kerosene stoddard solvent other (specify) _____			
Observations of system (holes, leaks)?	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
Observed contamination (free product, smell, soil/ <u>water discoloration</u> )?	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>
Detectable concentrations of soil and/or groundwater contamination?	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>
<input checked="" type="checkbox"/> Highest Concentration Detected in Soil Contaminant (specify) <u>diesel</u> Concentration <u>830ppm</u>			
<input type="checkbox"/> Highest Concentration Detected in Water Contaminant (specify) <u>NA</u> Concentration _____ ppb			
Unauthorized Release Form filed?	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>
Future intended use if known? Specify _____	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
<b>NON-UST</b>			
Former industrial use?	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
Detectable concentrations of soil and/or groundwater contamination?	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
o Highest Concentration Detected in Soil Contaminant (specify) _____ Concentration _____ ppm			
o Highest Concentration Detected in Water Contaminant (specify) _____ Concentration _____ ppb			
Future intended use if known? Specify _____	Yes	<input type="checkbox"/>	No <input type="checkbox"/>
<i>If available, attach pertinent reports</i>			

Transferred as: LOP  SLIC

Level of Update requested:  distribution list  all meetings  all site visits  closure sign off  all the above

Transfer requested by Inspector: Barney Chan Date: 3-12-10

Transfer accepted by (ACEH):  Date: 08/30/10

## **Chan, Barney, Env. Health**

---

**From:** Markus Niebanck [mniebanck@ci.emeryville.ca.us]  
**Sent:** Monday, March 08, 2010 8:30 AM  
**To:** paul.king@pdenviro.com; Chan, Barney, Env. Health  
**Cc:** Michael Roberts  
**Subject:** RE: 1550 Park Avenue Emeryville Unauthorized Release Report

Hi Barney:

Please contact me if you need any clarification regarding tank owner or responsible party. The City removed the tank because it was encountered during our Park Avenue streetscape project and had to be removed to facilitate the completion of the work in this portion of the project area. We discussed options with the tank owner (adjoining property owner) and elected to remove it on their behalf.

I do not believe that this should cause any confusion with respect to the City's role in this undertaking, and under no circumstances should our removal of the tank suggest any continuing obligation.

Please don't hesitate to call if you have any questions or concerns.

Markus B. Niebanck, PG  
City of Emeryville  
Economic Development & Housing Department  
1333 Park Avenue  
Emeryville, CA 94608

510 693-1241 (cell)  
510 596-4356 (phone)  
510 596-4389 (fax)

---

**From:** paul.king@pdenviro.com [mailto:paul.king@pdenviro.com]  
**Sent:** Monday, March 08, 2010 5:49 AM  
**To:** barney.chan@acgov.org  
**Cc:** Markus Niebanck; Michael Roberts  
**Subject:** 1550 Park Avenue Emeryville Unauthorized Release Report

Hi Barney,

You will find attached a pdf copy of the Unauthorized Release Report for the UST removal at 1550 Park Avenue in Emeryville (document Unauthorized Release Report - 1550 Park Avenue.pdf). Please note that the City of Emeryville is not identified as the responsible party. Thank you!

Best regards,

Paul King  
Professional Geologist

P&D Environmental, Inc.  
55 Santa Clara Avenue, Suite 240  
Oakland, CA 94610

510-658-6916 (telephone)  
510-834-0152 (facsimile)  
[Paul.King@pdenviro.com](mailto:Paul.King@pdenviro.com)

## Chan, Barney, Env. Health

---

**From:** paul.king@pdenviro.com  
**Sent:** Friday, February 26, 2010 6:41 AM  
**To:** Chan, Barney, Env. Health  
**Cc:** Weston, Robert, Env. Health; Michael Roberts; Markus Niebanck  
**Subject:** RE: Tank removal 1550 Park Ave., Emeryville

Hi Barney,

I provided the Unauthorized Release Report to the City of Emeryville this morning for signature, and also requested authorization to release the lab reports. I expect to have the documents to you in the first part of next week.

Best regards,

Paul King  
Professional Geologist

P&D Environmental, Inc.  
55 Santa Clara Avenue, Suite 240  
Oakland, CA 94610

510-658-6916 (telephone)  
510-834-0152 (facsimile)  
Paul.King@pdenviro.com

----- Original Message -----

**Subject:** Tank removal 1550 Park Ave., Emeryville  
**From:** "Chan, Barney, Env. Health" <barney.chan@acgov.org>  
**Date:** Thu, February 11, 2010 10:52 am  
**To:** "'Paul.King@pdenviro.com'" <Paul.King@pdenviro.com>  
**Cc:** "Weston, Robert, Env. Health" <robert.weston@acgov.org>

Hello Paul: I just wanted to let you know that I will be handling the UST removal until transfer to LOP. So when you have the analytical results, please either e mail, fax (510-337-9335) or send me a copy and I will transfer the case to LOP. Also, please complete and submit an Unauthorized Release Form.

Thanks,

Barney M. Chan  
Sr Hazardous Materials Specialist  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Alameda, 94502  
510-567-6765

# COUNTY OF ALAMEDA UNDERGROUND TANK SYSTEM CLOSURE INSPECTION REPORT

For Use By the County of Alameda, Environmental Health

[ ]

Facility Name: City of Emeryville Contractor's name: IMX Inc  
 Address: 1550 Park Ave City: Emeryville Zip: 94608  
 Project Contact: Michael Roberts Phone No.: 570-596-4333  
Paul King Phone No.: 570-658-6916

Tank ID No.	#1				
Size	~1500 GALLONS				
Construction Material	Steel				
Single/Double Wall					
Backfill Type	gravel/clay/silt				
Oxygen <10%	12.9				
LEL <20%	0.0				
Tank Condition	rusty covered top but no holes observed				
Soil/Groundwater Condition	GW appears impacted w/ H <sub>2</sub> S				
Soil Sample Depth	7' bgs + 6' bgs				
Number and Description of Soil/Groundwater Samples (Indicate Sample Locations on Site Plan.)					

Disposition of Tank Contents: unknown Piping:  Rinsed/Tested/Capped.  Rinsate:  Shipped on Manifest.  
 Tank & Piping Transport:  Shipped on Manifest;  Transporter Name Same as on Application.  
 Sampling:  Evidence Tape;  Chain of Custody;  Samples Refrigerated; Pipeline Samples Taken  Yes,  No (If no, explain why in Comments.)  
 Soil:  Soil Stored on ~~Borned~~ Plastic & Covered;  Soil Returned to Excavation. Site Plan:  Attached. *no piping seen observed*

Comments/Special Conditions: Stockpiled soils taken to nearby City site for security. Tank pit will be backfilled w/ per gravel + secured.

Inspector: Barney Chan Agency: AED&H Date: 2-8-10 Start Time: 12:00 Stop Time:

Signature of Contractor/Authorized Agent: Paul M. King Date: 2-8-10 Page      of

INSPECTION NOTES

1550 Park Ave Emeryville - Barney Chan of AEDHE  
 Onsite to observe the removal of 1 - approx 1000 gal  
 UST. Assumed to be a fuel oil tank.

Tank located adjacent to power line being supported  
 by PG&E truck w/ brace.

Consultant: Paul King + Michael Deschone

City of Emeryville: Michael ~~Deschone~~ Roberts

Emeryville PD present: G. Warren Oked removal

Apparent GW w/ foaming foily sheen indicating an  
 unauthorized release had occurred.

As much GW as possible was pumped from the tank pit.

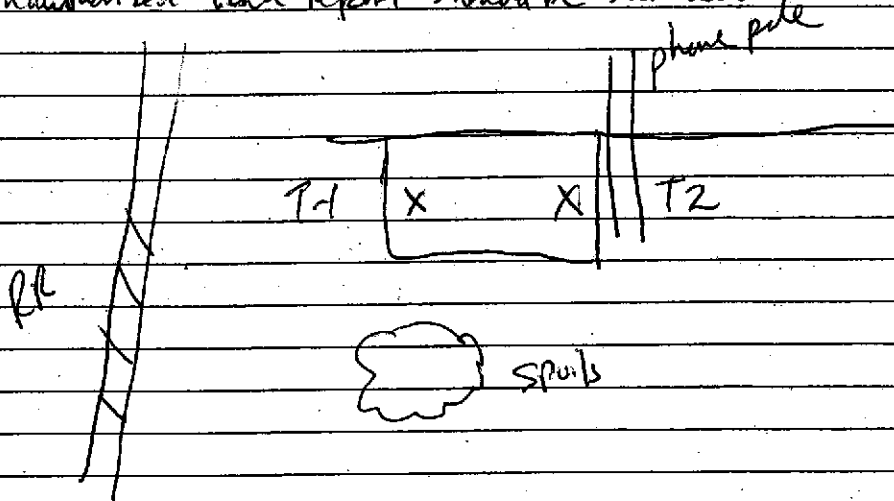
Tank chauled by ECF, Uniwaste - gw tanker hauler

No observed holes in tank.

GW did not recharge enough to sample.

An unauthorized leak report should be submitted

↑ N



Spills to be transported to City yard for ~~star~~ storage prior to disposal

T-1 ~ 7' bgs West end moist silty clay, no odors observed

T-2 ~ 6' bgs East end " " " " " "

4 discrete samples of the stockpile taken to be composited + run at the lab

2-810 x Paul H. King

**UNIFIED PROGRAM CONSOLIDATED FORM  
UNDERGROUND STORAGE TANK  
OPERATING PERMIT APPLICATION - TANK INFORMATION** (One form per UST)

TYPE OF ACTION (Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430.  
 1. NEW PERMIT  3. RENEWAL PERMIT  5. CHANGE OF INFORMATION  
 6. TEMPORARY UST CLOSURE  7. UST PERMANENT CLOSURE ON SITE  8. UST REMOVAL  
 DATE UST PERMANENTLY CLOSED: 430a. DATE EXISTING UST DISCOVERED: 11/6/2009 430b.

**I. FACILITY INFORMATION**

FACILITY ID # (Agency Use Only) \_\_\_\_\_  
 BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.  
 City of Emeryville  
 BUSINESS SITE ADDRESS 103. CITY 104.  
 1550 Park Avenue Emeryville

**II. TANK DESCRIPTION**

TANK ID # 432. TANK MANUFACTURER 433. TANK CONFIGURATION: THIS TANK IS 434.  
 Unknown Unknown  
 1. A STAND-ALONE TANK  2. ONE IN A COMPARTMENTED UNIT Complete one page for each compartment in the unit.  
 DATE UST SYSTEM INSTALLED 435. TANK CAPACITY IN GALLONS 436. NUMBER OF COMPARTMENTS IN THE UNIT 437.  
 Unknown Unknown Unknown

**III. TANK USE AND CONTENTS**

TANK USE  1a. MOTOR VEHICLE FUEL  1b. MARINA FUELING  1c. AVIATION FUELING 439.  
 3. CHEMICAL PRODUCT STORAGE  HAZARDOUS WASTE (Includes Used Oil)  5. EMERGENCY GENERATOR FUEL (HSC §25281.5(c)) 439a.  
 6. OTHER GENERATOR FUEL  95. UNKNOWN  99. OTHER (Specify):  
 CONTENTS PETROLEUM:  1a. REGULAR UNLEADED  1c. MIDGRADE UNLEADED  1b. PREMIUM UNLEADED 440.  
 3. DIESEL  8. JET FUEL  6. AVIATION GAS  
 8. PETROLEUM BLEND FUEL  9. OTHER PETROLEUM (Specify): \*Unknown 440a.  
 NON-PETROLEUM:  7. USED OIL  10. ETHANOL  
 11. OTHER NON-PETROLEUM (Specify): 440b.

**IV. TANK CONSTRUCTION**

TYPE OF TANK  1. SINGLE WALL  2. DOUBLE WALL  95. UNKNOWN 443.  
 PRIMARY CONTAINMENT  1. STEEL  3. FIBERGLASS  7. INTERNAL BLADDER 444.  
 7. STEEL + INTERNAL LINING  95. UNKNOWN  99. OTHER (Specify): 444a.  
 SECONDARY CONTAINMENT  1. STEEL  4. FIBERGLASS  6. EXTERIOR MEMBRANE LINER  7. JACKETED 445.  
 90. NONE  95. UNKNOWN  99. OTHER (Specify): 445a.  
 OVERFILL PREVENTION  1. AUDIBLE & VISUAL ALARMS  2. BALL FLOAT  3. FILL TUBE SHUT-OFF VALVE 452.  
 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

**V. PRODUCT / WASTE PIPING CONSTRUCTION**

PIPING CONSTRUCTION  1. SINGLE WALL  2. DOUBLE WALL  99. OTHER Unknown 460.  
 SYSTEM TYPE  1. PRESSURE  2. GRAVITY  3. CONVENTIONAL SUCTION  4. SAFE SUCTION [23 CCR §2636(a)(3)] 458.  
 PRIMARY CONTAINMENT  1. STEEL  4. FIBERGLASS  8. FLEXIBLE  10. RIGID PLASTIC 464.  
 90. NONE  95. UNKNOWN  99. OTHER (Specify): 464a.  
 SECONDARY CONTAINMENT  1. STEEL  4. FIBERGLASS  8. FLEXIBLE  10. RIGID PLASTIC 464b.  
 90. NONE  95. UNKNOWN  99. OTHER (Specify): 464c.  
 PIPING/TURBINE CONTAINMENT SUMP TYPE  1. SINGLE WALL  2. DOUBLE WALL  90. NONE 464d.

**VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION**

VENT PRIMARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464e.  
 VENT SECONDARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464f.  
 VR PRIMARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464g.  
 VR SECONDARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464h.  
 VENT PIPING TRANSITION SUMP TYPE  1. SINGLE WALL  2. DOUBLE WALL  90. NONE 464i.  
 RISER PRIMARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464j.  
 RISER SECONDARY CONTAINMENT  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  90. NONE  99. OTHER (Specify): 464k.  
 FILL COMPONENTS INSTALLED  1. SPILL BUCKET  3. STRIKER PLATE/BOTTOM PROTECTOR  4. CONTAINMENT SUMP 451a-c.

**VII. UNDER DISPENSER CONTAINMENT (UDC)**

CONSTRUCTION TYPE  1. SINGLE WALL  2. DOUBLE WALL  3. NO DISPENSERS  90. NONE 469a.  
 CONSTRUCTION MATERIAL  1. STEEL  4. FIBERGLASS  10. RIGID PLASTIC  99. OTHER (Specify) None 469b.  
 469c.

**VIII. CORROSION PROTECTION**

STEEL COMPONENT PROTECTION  2. SACRIFICIAL ANODE(S)  4. IMPRESSED CURRENT  6. ISOLATION 448.

**IX. APPLICANT SIGNATURE**

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE *Paul H. King* DATE 12/7/09 470.  
 APPLICANT NAME (print) Paul H King 471. APPLICANT TITLE Professional Geologist 472.



ALAMEDA COUNTY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 1131 HARBOR BAY PARKWAY  
 ALAMEDA, CA 94502-6577  
 PHONE (510) 567-6700

**ACCEPTED**

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, CA 94502-6577

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:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent siting 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



**Robert Weston**

**510 567-6781**

**DEC 30 2009**

**UNDERGROUND STORAGE TANK CLOSURE PLAN**

**\*\*\* Complete closure plan according to instructions \*\*\***

1. Name of Business City of Emeryville  
 Business Owner or Contact Person (PRINT) Michael Roberts
2. Site Address 1550 Park Avenue  
 City, State Emeryville, California Zip 94608 Phone (510) 596-4333
3. Mailing Address 1333 Park Avenue  
 City, State Emeryville, CA Zip 94608 Phone <sup>main #</sup> (510) 596-4300
4. Property Owner City of Emeryville  
 Business Name (if applicable) \_\_\_\_\_  
 Address 1333 Park Avenue  
 City, State Emeryville, CA Zip 94608 Phone <sup>main #</sup> (510) 596-4300
5. Generator name under which tank will be manifested  
City of Emeryville  
 EPA I.D. No. under which tank(s) will be manifested C A C 0 0 2 6 4 8 8 0 3

**SR0016134**



6. Contractor IMX Inc.  
 Address 4200 Park Blvd., PMB #253  
 City, State Oakland, CA Zip 94602 Phone (510) 530-9368  
 License Type A/B/HAZ/ASB ID# 537 261
7. Consultant (if applicable) P+D Environmental, Inc.  
 Address 55 Santa Clara Ave., Suite 240  
 City, State Oakland, CA Zip 94610 Phone (510) 658-6916
8. Main Contact Person for Investigation (if applicable)  
 Name Paul King Title Professional Geologist  
 Company P+D Environmental, Inc.  
 Phone (510) 658-6916
9. Number of underground tanks being closed with this plan 1  
 Length of piping being removed under this plan ten feet  
 Total number underground tanks at this facility (\*\*confirmed with owner or operator) 1
10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).
- a) Product/Residual Sludge/Rinsate Transporter  
 Name Uni Waste EPA I.D. No. CAL000317320  
 Hauler License No. 4919 License Exp. Date 3/31/2010  
 Address 17100 Lambert Rd., P.O. Box 760  
 City, State Ione, CA Zip 95640
- b) Product/Residual Sludge/Rinsate Disposal Site  
 Name Clearwater Environmental EPA I.D. No. NVD982358483  
 Address 2430 Almond Drive  
 City, State Silver Springs, NV Zip 89429

c) Tank and Piping Transporter

Name Ecology Control Industries EPA I.D. No. CAD982030173

Hauler License No. 1533 License Exp. Date 6/30/2010

Address 255 Parr Blvd.

City, State Richmond, CA Zip 94801

d) Tank and Piping Disposal Site

Name Ecology Control Industries EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City, State Richmond, CA Zip 94801

11. Sample Collector

Name Michael Deschenes, Paul King

Company P+D Environmental, Inc.

Address 55 Santa Clara Ave., Suite 240

City, State Oakland, CA Zip 94610 Phone (510)658-6916

12. Laboratory

Name Angela Rydelius

Company McC Campbell Analytical Inc.

Address 1534 Willow Pass Road.

City, State Pittsburg, CA Zip 94565

State Certification No. 1644

13. Have tank(s) or piping leaked in the past? Yes [ ] No [X] Unknown [ ]

If yes, describe: \_\_\_\_\_

\_\_\_\_\_

14. Describe method(s) to be used for rendering tank(s) inert:

Dry Ice

\_\_\_\_\_

Before tank(s) are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.

The Bay Area Air Quality Management District, (415) 771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.**

15. Tank History and Sampling Information **\*\*\* (See Instructions) \*\*\***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Sample(s)
Capacity (gallons)	Use History include date last used (estimated)		
~1,000	unknown suspected heating oil	<ul style="list-style-type: none"> <li>• Soil beneath UST (1 soil sample)</li> <li>• soil beneath piping (1 soil sample)</li> <li>• soil stockpile (1 soil sample)</li> </ul>	<p>162' into native soil</p> <p>162' into native soil</p> <p>stockpile</p>

**One soil sample must be collected for every 20 linear feet of underground piping that is removed. A groundwater sample must be collected if any groundwater is present in the excavation.**

Excavated/Stockpiled Soil	
<p>Stockpiled Soil Volume (estimated)</p> <p>4 yds<sup>3</sup></p>	<p>Sampling Plan</p> <p>1 discrete soil sample</p>

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

Will the excavated soil be returned to the excavation immediately after tank removal?  yes  no  unknown

If yes, explain reasoning \_\_\_\_\_  
 \_\_\_\_\_

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.**

16. Chemical methods and associated detection limits to be used for analyzing sample(s):

**The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits shall be followed.**

See Table 2, Recommended Minimum Verification Analyses for Underground Tank Leaks.

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH-D	3550	8015	1.0 mg/Kg
BTEX	5030B	8260	0.005 mg/Kg
EPB & EDC	↓	↓	TBA - 0.05 mg/Kg
MTBE, TAME, ETBE, PIPE, TBA, ETOH	↓	↓	EPB - 0.004 mg/Kg

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

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one-B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner).

**TABLE #2**  
REVISED 21 NOVEMBER 2003

**RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR  
UNDERGROUND TANK LEAKS**

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u> (SW-846 METHOD)		<u>WATER ANALYSIS</u> (Water/Waste Water Method)	
<b>Gasoline (Leaded and Unleaded)</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
	--Optional--			
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Unknown Fuel</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	TOTAL LEAD	AA	TOTAL LEAD	AA
		--Optional--		
	Organic Lead	DHS-LUFT	Organic Lead	DHS-LUFT
<b>Diesel, Jet Fuel, Kerosene, and Fuel/Heating Oil</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260	BTEX	524.2/624 (8260)
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
<b>Chlorinated Solvents</b>	CL HC	8260	CL HC	524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
<b>Non-chlorinated Solvents</b>	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	BTEX	8260 or 8021	BTEX	524.2/624 (8260) or 502.2/602 (8021)
<b>Waste, Used, or Unknown Oil</b>	TPHG	8015M or 8260	TPHG	8015M or 524.2/624 (8260)
	TPHD	8015M or 8260	TPHD	8015M or 524.2/624 (8260)
	O&G	9070	O&G	418.1
	BTEX	8260	BTEX	524.2/624 (8260)
	CL HC	8260	CL HC	524.2/624 (8260)
	1,4-Dioxane	8270M	1,4-Dioxane	8270M
	EDB and EDC	8260	EDB and EDC	524.2/624 (8260)
	MTBE, TAME, ETBE, DIPE, TBA, and EtOH by 8260 for soil and 524.2/624 (8260) for water			
	METALS (Cd, Cr, Pb, Ni, Zn) by ICAP or AA for soil water			
	PCB*, PCP*, PNA, CREOSOTE by 8270 for soil and 524/625 (8270) for water			
			If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)	

**NOTES:**

1. 8021 replaces old methods 8020 and 8010
2. 8260 replaces old method 8240
3. Reference: Table B-1 in Appendix B of "Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators" (EPA 510-B-97-001).

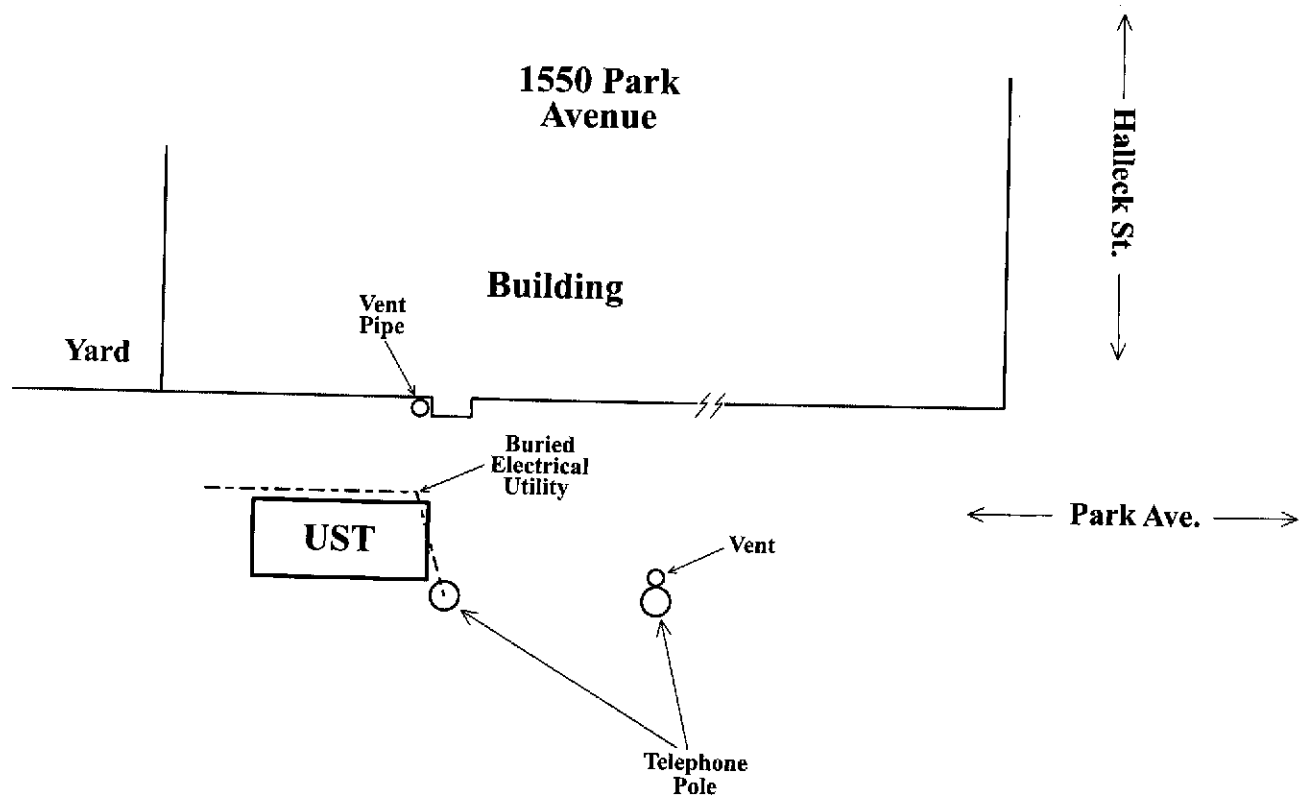
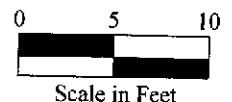


Figure 3  
 Site Plan Detail Showing UST  
 City of Emeryville  
 1550 Park Avenue  
 Emeryville, California



P&D Environmental, Inc.  
 55 Santa Clara Ave., Suite 240  
 Oakland, CA 94610



I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division and that no work is to begin on this project until this plan has been 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.

CONTRACTOR INFORMATION

Name of Business POD Environmental, Inc.  
Name of Individual Paul H King  
Signature Paul H. King Date 12/7/09

PROPERTY OWNER OR  MOST RECENT TANK OPERATOR (Check one)

Name of Business City of Emeryville - Public Works  
Name of Individual Michael Roberts  
Signature M Roberts Date 12/9/09



I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division and that no work is to begin on this project until this plan has been 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.

CONTRACTOR INFORMATION

Name of Business POD Environmental, Inc.

Name of Individual Paul H King

Signature Paul H. King Date 12/7/09

PROPERTY OWNER OR  MOST RECENT TANK OPERATOR (Check one)

Name of Business \_\_\_\_\_

Name of Individual \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**STATE  
COMPENSATION  
INSURANCE  
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

**CERTIFICATE OF WORKERS' COMPENSATION INSURANCE**

ISSUE DATE: 11-13-2008

GROUP:  
POLICY NUMBER: 1853870-2008  
CERTIFICATE ID: 31  
CERTIFICATE EXPIRES: 10-01-2010  
10-01-2008/10-01-2010

CITY OF EMERYVILLE  
REDEVELOPMENT AGENCY  
1333 PARK AVE  
EMERYVILLE CA 94608-3517

NB

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

*James Neamy*  
AUTHORIZED REPRESENTATIVE

*James Frank*  
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE.

ENDORSEMENT #1600 - PAUL KING P, S T - EXCLUDED.

ENDORSEMENT #2088 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 10-01-2008 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

P & D ENVIRONMENTAL, INC.  
55 SANTA CLARA AVE STE 240  
OAKLAND CA 94610

NB

[ALR,CN]



P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 11-13-2009

GROUP:  
POLICY NUMBER: 1853670-2009  
CERTIFICATE ID: 31  
CERTIFICATE EXPIRES: 10-01-2010  
10-01-2008/10-01-2010

CITY OF EMERYVILLE  
REDEVELOPMENT AGENCY  
1333 PARK AVE  
EMERYVILLE CA 94608-3517

NB

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions of such policy.

*James Neary*  
AUTHORIZED REPRESENTATIVE

*Janet Frank*  
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE.

ENDORSEMENT #1800 - PAUL KING P, S T - EXCLUDED.

ENDORSEMENT #2005 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 10-01-2008 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

P & D ENVIRONMENTAL, INC.  
88 SANTA CLARA AVE STE 240  
OAKLAND CA 94610

NB

{ALR,CN}

PRINTED : 11-13-2009

5181



P & D ENVIRONMENTAL, INC.  
55 SANTA CLARA AVE., STE. 240  
OAKLAND, CALIFORNIA 94610  
(510) 658-6916

11-35-1210

12/7/2009

PAY TO THE ORDER OF Alameda County Environmental Health

\$ \*\*1,581.00

One Thousand Five Hundred Eighty-One and 00/100

DOLLARS

Alameda County Environmental Health

*Paul H. King*  
AUTHORIZED SIGNATURE

MEMO SR0016134 Permit For Job ~~0409~~ <sup>0494</sup>

⑈005181⑈ ⑆121000358⑆ 05317⑈ 14261⑈

P & D ENVIRONMENTAL, INC.

5181

Alameda County Environmental Health

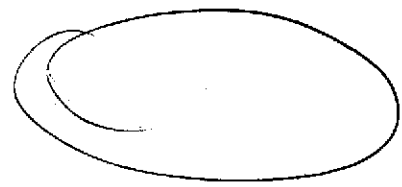
12/7/2009

Permit for Job ~~0409~~ SR0016134  
<sup>0494</sup>

1,581.00

BofA Chkg#14261

SR0016134 Permit For Job ~~0409~~ <sup>0494</sup>



1,581.00

*Handwritten note:*  
12/16/09  
N. King  
Permit