

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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.
REPORT DATE 04/23/96	CASE #	SIGNED: <i>Juliet Sittin</i> DATE: 4/25/96

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Rod FREITAG	PHONE (510) 208-9522	SIGNATURE <i>[Signature]</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ALAMEDA COUNTY GENERAL SERVICES AGENCY		
	ADDRESS 1401 LAKESIDE DR. OAKLAND, CA 94612			

RESPONSIBLE PARTY	NAME ALAMEDA COUNTY <input type="checkbox"/> UNKNOWN	CONTACT PERSON Rod FREITAG	PHONE (510) 208-9522
	ADDRESS 1401 LAKESIDE DR. OAKLAND, CA 94612		

SITE LOCATION	FACILITY NAME (IF APPLICABLE)	OPERATOR ALAMEDA COUNTY	PHONE (510) 208-9522	
	ADDRESS 1325 PORTLAND AVENUE ALBANY, CA ALAMEDA COUNTY			
	CROSS STREET CARMEL AVENUE			

IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY	AGENCY NAME	CONTACT PERSON JULIET SITTIN
	REGIONAL BOARD		

SUBSTANCES INVOLVED	(1) NAME HEATING OIL	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2) <input type="checkbox"/> UNKNOWN	

DISCOVERY/ABATEMENT	DATE DISCOVERED 06/23/93	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 06/23/93			

SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
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CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY		
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) CAP SITE (CD) CONFINEMENT BARRIER (CB) VACUUM EXTRACT (VE)	<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input checked="" type="checkbox"/> OTHER (OT) <u>RISK ASSESSMENT</u>
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COMMENTS	[Blank space for comments]
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# General Services Agency

Darlene A. Smith, Director

April 3, 1996

Ms. Juliet Shin  
Senior Hazardous Materials Specialist  
Department of Environmental Health  
1131 Harbor Bay Parkway, Room 250  
Alameda, California 94502-6577

ENVIRONMENTAL  
PROTECTION  
APR -9 9 AM 9:18

SUBJECT: REGULATORY CASE CLOSURE FOR THE MEMORIAL PARK SITE  
1325 PORTLAND AVENUE, ALBANY, CALIFORNIA

Dear Ms. Shin:

Enclosed is an April 1, 1996 letter documenting Versar's evaluation of the human health risks associated with residual diesel concentrations in the ground water at the subject site. Based on Versar's evaluation, Alameda County General Services Agency requests regulatory case closure.

Please call me at ext. 2-9522 if you have questions or need additional information. Thank you for your patience and continued cooperation.

Sincerely,

Rod Freitag, P.E.  
Environmental Program Manager

enclosure

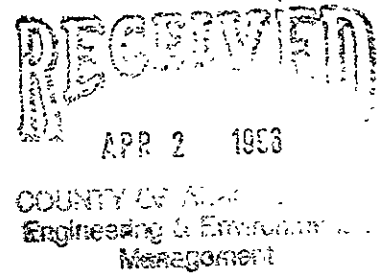
cc: Mr. Bill Ekern, City of Albany  
Mr. Jim de Vos, GSA - E&EM

RDF:rdg:\project\env\7020alb\eh0403.doc



April 1, 1996

Mr. Rod Freitag  
Environmental Program Manager  
County of Alameda  
General Services Agency  
1401 Lakeshore Drive, 11th Floor  
Oakland, California 94612



Subject: RESIDUAL HUMAN HEALTH RISK  
ALBANY CHILD CARE FACILITY SITE,  
ALBANY, CALIFORNIA.

Dear Mr. Freitag, ..

Versar, Inc. (Versar) is pleased to submit to the County of Alameda (County) this evaluation of the relative residual human health risks associated with the residual groundwater contamination discovered during the removal of the underground storage tank located at the Albany Child Care Facility (site) in Albany, California. Based on our conversations with Ms. Juliet Shin of the Alameda County Health Care Services Agency (ACHCSA), the ACHCSA is concerned about the residual groundwater contamination and the potential human health risk. As per information provided to Versar, the site formerly had an underground diesel storage tank, which was subsequently removed. During the tank removal, diesel contaminated soil was encountered and excavated to a depth of 20 feet below ground surface. After the completion of the soil remediation activities, groundwater entered the excavation and was sampled. The results of the water sample analysis indicated the presence of total petroleum hydrocarbons as diesel at 320 micrograms per liter.

Since there is no considered human health risk for diesel, polynuclear aromatic hydrocarbons (PAHs) are used in the relative risk discussion for this site. In general, PAHs are defined as compounds containing two or more aromatic rings. For the purpose of describing environmental fate, PAHs can be grouped into low, medium, and high molecular weight classes. PAHs are typically released to the environment from manmade and natural sources. Manmade sources provide a much greater release volume than natural sources. PAHs are common constituents of petroleum hydrocarbon mixtures such as diesel, motor oil, and asphalt. They are also found in creosote, dyes, paints, plastics, insulating materials, building materials, and rubber. Transport and partitioning of PAHs in the environment are largely determined by their physical and chemical properties. The actual presence of PAHs is assumed for the purpose of this letter only and is not intended to indicate actual site conditions. Based on the detected diesel contamination level in the excavation water sample from the tank pit and the American Petroleum Institute estimated potential concentration of naphthalene within diesel fuel of 0.13 percent, the estimated

Alamedaco/Albany.rsk/APR1.96

• SAN FRANCISCO BAY AREA OFFICE •

1255 HARBOR BAY PARKWAY, SUITE 100 • ALAMEDA, CALIFORNIA 94502 • TELEPHONE: (510) 814-5900 FAX: (510) 814-5901



Letter to Mr. Rod Freitag  
April 1, 1996  
Page 2

worst-case groundwater concentration for naphthalene is 0.42 micrograms per liter. Although this level is above the current U.S. EPA maximum contaminant level for PAH's, it is below the U.S. EPA preliminary remedial goals for naphthalene in tap water (3,100 micrograms per liter). Since there is no known completed pathway to the shallow groundwater for the site, minimal risk is associated with potential level of naphthalene in the groundwater.

*0.42 ppb ?*

*240 ppb per Feb 95 PRGs.*

Another potentially completed pathway at the site is for volatilization of the potential PAH groundwater contamination. Such transport is fundamentally governed by Fick's Law of diffusion and Henry's Law of volatilization. It is assumed that steady-state conditions exist at the site so that the rate of diffusion of contaminants is constant and diffusivity is functionally independent of concentration. Both of these functions are appropriate for common atmospheric temperatures and pressures. Diffusion-driven contaminant emissions through the soil layer is provided by Fick's Law. Henry's Law states the amount of a slightly soluble gas dissolved in a liquid is proportional to the partial pressure of the gas. Consequently, Henry's law constants appear to be the controlling parameter in determining the amount of volatilization in the subsurface.

PAHs have Henry's Law constants ranging from  $10^{-5}$  to  $10^{-8}$  atm m<sup>3</sup>/mol. Compounds with values less than  $10^{-5}$  atm m<sup>3</sup>/mol volatilize from water only to a limited extent. The actual importance of volatilization as a transport mechanism in the subsurface depends on the depth of groundwater (20 feet bgs), contaminant properties, and the geology of the subsurface. The organic carbon partition coefficient indicates the chemical's potential to bind to organic carbon in soils and sediments. Due to their high molecular weight, PAHs have organic carbon partition coefficient values in the range of  $10^{-5}$  to  $10^{-6}$  ml/g, which indicate a strong tendency to adsorb to organic carbon. Generally, PAHs have low water solubilities and are found sorbed to soil or particles within groundwater. Absorption to soil particles is the primary process responsible for their removal from aqueous systems; and therefore, PAH are not likely to be transported via groundwater or through the vadose zone.

Sorption of PAHs to soils and sediments increases with increasing organic carbon content and is also directly dependent on particle size. Smaller particles with higher surface-area-to-volume ratios are more efficient at sorbing PAHs. Information on the organic metabolism of PAHs in the subsurface environment is often conflicting; however, it appears that the three simplest PAHs: naphthalene, anthracene, and phenanthrene are the only compounds of this class that support the growth of microorganisms. None of the more complex PAHs have been shown to support growth when present as the sole carbon sources. In addition, hydrolysis is not considered to be an important degradation process for PAHs (U.S. Public Health Service 1990).

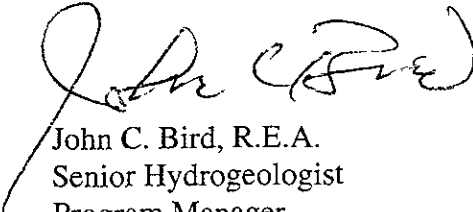


Letter to Mr. Rod Freitag  
April 1, 1996  
Page 3

Based on the depth of groundwater, the estimated PAH contaminant concentration, typical PAH physical properties, and fine-grained nature of the reported site geology, the relative human health risk for the pathway from shallow groundwater to indoor air volatilization for the site is considered minimal.

If you have any questions or require additional information regarding this proposal, please call me at (510) 814-5929.

Sincerely,



John C. Bird, R.E.A.  
Senior Hydrogeologist  
Program Manager

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

March 5, 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6777

Mr. Wesley Adams  
City of Alameda  
2263 Santa Clara Ave.  
Alameda, CA 94501-4455

STID 3837

Re: Potential human health threat at 2263 Santa Clara Ave., Alameda, California

Dear Mr. Adams,

Based on information recently made available to this office, it appears that the residual concentrations of benzene identified in former tank pit T-1, adjacent to the actively used garage building, may potentially pose a threat to human health through the intrusion of vapors into the building. Per Tier 1 of the American Society for Testing and Materials' Risk-Based Corrective Action (ASTM RBCA) guidelines, the human health protective threshold level for potential soil vapor intrusion into buildings in a commercial/residential scenario is 0.005 parts per million (ppm) for a  $10^{-6}$  risk and 0.49ppm for a  $10^{-4}$  risk scenario. The remaining levels of benzene at the site, 0.63ppm, exceed both these given threshold values. Therefore, before closure can be considered for this site, this office needs more data assuring that the residual levels of benzene will not pose a threat to occupants of the on-site building. This can possibly be accomplished through various options which may include, but not be limited to, the following: 1) Inputting more site-specific data into the Tier 2 level of ASTM RBCA; 2) collecting real air/vapor data from the vadose zone beneath the building or possibly from within the existing building; or 3) inputting site-specific data into other established risk assessment equations.

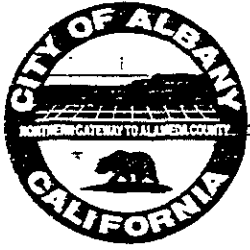
Please submit this information to this office **within 60 days** of the date of this letter. If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

Juliet Shin  
Senior Hazardous Materials Specialist

cc: Misty Kaltreider  
ACC Environmental Consultants  
7977 Capwell Drive, Ste 100  
Oakland, CA 94621

Acting Chief-File



# City of Albany

1000 SAN PABLO AVENUE • ALBANY, CALIFORNIA 94706-2295

**CITY ADMINISTRATOR**  
PH. (510) 528-5710  
FAX (510) 528-5797

**CITY ATTORNEY**  
PH. (510) 524-9205  
FAX (510) 526-9190

**CITY CLERK**  
PH. (510) 528-5720  
FAX (510) 528-5797

**CITY COUNCIL**  
PH. (510) 528-5720  
FAX (510) 528-5797

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FAX (510) 528-2743

**FIRE & EMERGENCY MEDICAL  
SERVICES**

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FAX (510) 528-5774

**PERSONNEL**

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FAX (510) 528-5797

**POLICE**

PH. (510) 525-7300  
FAX (510) 525-1360

**RECREATION & COMMUNITY  
SERVICES**

1249 Marin Avenue  
PH. (510) 524-9283  
FAX (510) 528-8914

- Friendship Club/Childcare Program  
Memorial Park  
PH. (510) 524-0135
- Senior Center  
PH. (510) 524-9122  
FAX (510) 524-8940
- Teen Center/Middle School Park  
PH. (510) 525-0576

February 15, 1996

Rod Freitag, P.E.  
Environmental Program Manager  
Alameda County General Services Agency  
1401 Lakeside Drive, 11th Floor  
Oakland, CA 94612

re: Groundwater testing, 1325 Portland Avenue

Dear Rod:

You have asked if the City of Albany will contribute to the groundwater testing required by the Alameda County Environmental Health Department. After reviewing the record and discussing with City staff, it is our position that the costs of this testing are the responsibility of Alameda County. Without reopening the entire discussion of the underground storage tank, it seems reasonable to the City that all costs associated with the remediation of the tank remain with the County.

The City will provide all reasonable access to the site for the required drilling and testing, once we are advised of a date. I join you in your desire to move forward on this final phase of the cleanup work.

Do not hesitate to call me, if you have additional questions.

Sincerely,

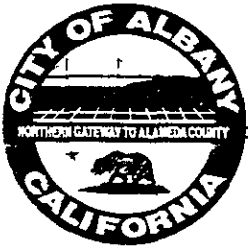
Bill Ekern, Director  
Community Development & Environmental Resources

cc: Jim De Vos  
✓ Juliet Shin, 1131 Harbor Bay Parkway, Alameda, CA 94502-6577  
Daren Fields, City Administrator  
Marc McGinn, Fire Chief  
Pat Cabrera, Finance & Administration Director

*The City of Albany is dedicated to maintaining its small town ambience, responding to the needs of the community, and providing a safe, healthy environment now and in the future.*



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# City of Albany

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RECEIVED  
JAN 17 PM 2:13

**CITY ADMINISTRATOR**  
PH. (510) 528-5710  
FAX (510) 528-5797

January 11, 1996

**CITY ATTORNEY**  
PH. (510) 524-9205  
FAX (510) 526-9190

**CITY CLERK**  
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FAX (510) 528-5797

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**POLICE**

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FAX (510) 525-1360

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- Friendship Club/Childcare Program Memorial Park  
PH (510) 524-0135
- Senior Center  
PH (510) 524-9122  
FAX (510) 524-8940
- Teen Center/Middle School Park  
PH (510) 525-0576

Rod Freitag, P.E.  
Environmental Program Manager  
Alameda County General Services Agency  
1401 Lakeside Drive, 11th Floor  
Oakland, CA 94612

re: Groundwater testing, 1325 Portland Avenue

Dear Rod:

Subsequent to our telephone conversation, I received the proposal from Harlan Tait Associates to undertake the groundwater testing requested by Juliet Shin of the Department of Environmental Health. I have attached a copy for your information.

Based on prior commitments from the County, it remains my understanding that the County will fully reimburse the City for costs associated with the monitoring and testing of the ground water, including drilling. Harlan Tait estimates a cost of approximately \$7,000.

We will contact you when the drilling and testing are scheduled. Please call me, if you have any questions.

Sincerely,

Bill Ekern, Director  
Community Development & Environmental Resources

cc: Jim De Vos  
Juliet Shin, 1131 Harbor Bay Parkway, Alameda, CA 94502-6577

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

Alameda County CC4580  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

January 10, 1996

Mr. Jim De Vos  
General Services Agency  
1401 Lakeside Drive, 11th Flr.  
Oakland, CA 94612

STID 4463

Re: Work plan for investigations at the Memorial Park site, located at 1325 Portland Ave.,  
Albany, California

Dear Mr. De Vos,

This office has reviewed Harlan Tait Associates' (HTA) Preliminary Site Assessment Work plan, dated April 14, 1994, and HTA's Addendum to the Work plan, dated January 9, 1996. The addendum in conjunction with the initial work plan is acceptable to this office with the requirement that the three proposed borings be surveyed and groundwater gradient determinations be made.

It is the understanding of this office that the work plan will be implemented at the site in February 1996. Please notify this office if there are any changes in the schedule.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Juliet Shin'.

Juliet Shin

Senior Hazardous Materials Specialist

cc: Bill Ekern  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

David H. Connell  
Harlan Tait Associates  
One Kearny Street, 7th Floor  
San Francisco, CA 94108

Acting Chief-File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

Alameda County CC4580  
Environmental Protection Division  
1131 Harbor Bay Parkway, Room 250  
Alameda CA 94502-6577

January 10, 1996

Bill Ekern  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

STID 4463

Re: Work plan for investigations at the Memorial Park site, located at 1325 Portland Ave.,  
Albany, California

Dear Mr. Ekern,

This office has reviewed Harlan Tait Associates' (HTA) Preliminary Site Assessment Work plan, dated April 14, 1994, and HTA's Addendum to the Work plan, dated January 9, 1996. The addendum in conjunction with the initial work plan is acceptable to this office with the requirement that the three proposed borings be surveyed and groundwater gradient determinations be made.

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If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

Juliet Shin

Senior Hazardous Materials Specialist

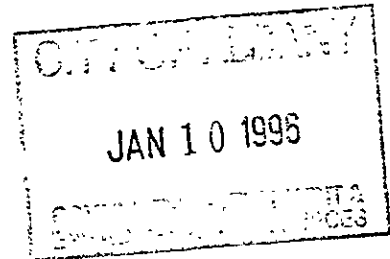
cc: Mr. Jim De Vos  
General Services Agency  
1401 Lakeside Drive, 11th Flr.  
Oakland, CA 94612

David H. Connell  
Harlan Tait Associates  
One Kearny Street, 7th Floor  
San Francisco, CA 94108

Acting Chief-File

January 8, 1996  
Project No. 653.080

Mr. Bill Ekern, City Engineer  
City of Albany  
1000 San Pablo Avenue  
Albany, California 94706



SUBJECT: UPDATED PROPOSAL - GROUNDWATER INVESTIGATION  
CHILD CARE CENTER - REMOVED UNDERGROUND TANK  
Memorial Park, 1325 Portland Ave., Albany, California

Gentlemen:

Per our meeting of December 19, we are pleased to present this updated proposal to perform a groundwater contamination investigation for the removed underground tank located in the area of the existing Child Care Center in Memorial Park in the City of Albany. This updated scope of services has been developed as a result of the November 22, 1995, letter from Ms. Juliet Shin of the Alameda County, Health Care Services Agency, Department of Environmental Health (ACDEH). The letter was written in response to the workplan submitted by HTA dated April 14, 1994. In the letter, ACDEH accepts the workplan with three additional requirements.

#### SCOPE OF SERVICES

We will perform the scope of services outlined in the workplan with the modifications required in the ACDEH letter and discussed herein. In response to the ACDEH letter, we will relocate one boring closer to and southeast of the former tank. We propose to obtain and test a water sample from each of the holes for TPH-d, BTEX and PNAs rather than test samples from one or two holes as recommended in the ACDEH letter. In our opinion, the groundwater level in the drill holes will probably not equilibrate in the short time the holes will be open and therefore, a measured gradient will probably not be accurate. We will measure the depth to water in each hole prior to grouting, but we do not propose surveying the holes to a local datum unless requested by the City or required by the ACDEH.

January 8, 1996  
Project No. 653.080

Page 2

The updated scope of work is as follows:

- Task 1: Meet with City of Albany personnel, prepare a response letter for the ACDEH, prepare a Health and Safety Plan for drilling, obtain permits, and project setup.
- Task 2: Retain a drilling subcontractor to drill three borings at locations approved by the ACDEH. The holes will be logged by our geologist and "grab" groundwater samples will be obtained from each hole. Measure the depth to groundwater in all borings. The holes will be left open as long as possible before grouting to allow the groundwater level to stabilize.
- Task 3: Deliver the water samples for analyses to a State of California Certified Analytical Laboratory. Analyze 3 groundwater samples (one from each hole) for TPH-d, BTEX, and PNAs, and one blank water sample (for QA/QC) for TPH and BTEX.
- Task 4: Prepare a report which will summarize the field and laboratory operations conducted, methods and procedures used, the data obtained, and conclusions and recommendations based on our findings.

### COST

We propose to perform our services on a time-and-expense basis in accordance with the terms and conditions in our Agreement for Consulting Services dated April 14, 1994 and signed by the City on April 25, 1994, and Schedule of Charges, which are enclosed.

The estimated cost for implementing the scope of work is presented below. You will be billed only for the services performed and we will not exceed the estimated cost without your written approval.

<u>Description</u>	<u>Cost</u>
Task 1, Set up	\$ 800
Task 2, Drilling and Sampling	3,000
Task 3, Analytical Testing	1,200

January 8, 1996  
Project No. 653.080

Page 3

Task 4, Report	<u>1,500</u>
Phase 2 Subtotal	\$ 6,500

The cost to survey the holes would be an additional \$200.

Per the workplan, the drill cuttings and rinsate water will be placed in drums and stored at the site. The above costs do not include disposal of the drums and contents.


SCHEDULE

The addendum workplan letter can be submitted to the ACDEH within a day after receipt of written authorization. We will work with the City to schedule a drill rig when the child care center is closed for safety reasons. Drilling will take one day. Normal turnaround time for laboratory testing is about one week. We will submit our report about 3 weeks after drilling.

We look forward to working with you on this project. If you have any questions, please call. Please indicate your authorization to proceed by signing below returning one copy of this letter to us for our file.

Very truly yours,

HARLAN TAIT ASSOCIATES



David H. Connell  
Civil Engineer 24634  
Exp. 12/31/93

FOR THE CITY OF ALBANY:

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

dhc:\

Enc: Agreement for Consulting Services  
Schedule of Charges



# General Services Agency

---

Darlene A. Smith, Director

December 18, 1995

Mr. Bill Ekern  
City of Albany  
1000 San Pablo Avenue  
Albany, California 94706

SUBJECT: GROUNDWATER INVESTIGATION AT THE MEMORIAL PARK SITE  
1325 PORTLAND AVENUE, ALBANY, CALIFORNIA

Dear Bill:

Based on our December 18, 1995 telephone conversation, it is my understanding that the City of Albany is taking appropriate steps to perform the required groundwater investigation at the subject site. If I can be of assistance, let me know.

Please keep me apprised of your progress.

Sincerely,

Rod Freitag, P.E.  
Environmental Program Manager

cc: Mr. Jim de Vos, GSA - E&EM  
Ms. Juliet Shin, Department of Environmental Health  
Mr. Tom Peacock, Department of Environmental Health

RDF:rdg:\project\env\7020alb\1218alb.doc

ENVIRONMENTAL  
PROTECTION  
95 DEC 22 AM 9:34

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

November 22, 1995

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6777

Mr. Jim De Vos  
General Services Agency  
1401 Lakeside Drive, 11th Flr.  
Oakland, CA 94612

STID 4463

Re: Investigations at the Memorial Park site, located at 1325  
Portland Ave., Albany, California

Dear Mr. De Vos,

Per the November 22, 1995 meeting between the Alameda County General Services Agency and the Alameda County Environmental Health Department, it was determined that Harlan Tait Associates' (HTA) work plan, dated April 14, 1994, proposing additional groundwater investigations was acceptable to this office with the following additional requirements:

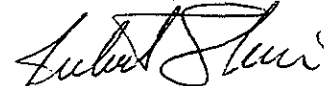
- o The three boring locations shall be surveyed to an on-site datum and water level measurements shall be collected from all three locations in order to determine the groundwater gradient at the site.
- o One of the borings shall be placed as close to the former tank pit as possible. It was determined that the most accessible area nearest to the former tank pit would be in the landscaped area to the northeast or southeast from the former tank pit. A map showing the revised boring location(s) should be submitted to this office.
- o One groundwater sample shall be collected from the boring located in the downgradient direction. If the downgradient direction is not to the northeast or southeast, an additional groundwater sample shall be collected from the boring placed in this direction, since it would be the boring closest to the former tank pit. These groundwater samples shall be analyzed for TPHd, BTEX, and PNAs.

An addendum to HTA's work plan, addressing the above concerns, should be submitted to our office for review, prior to implementing the work. A timetable for the scheduled work should be submitted with the addendum within 60 days of the date of this letter.

Mr. Jim De Vos  
Re: 1325 Portland Ave.  
November 22, 1995  
Page 2 of 2

If you have any questions or comments, please contact me at (510)  
567-6763.

Sincerely,



Juliet Shin  
Senior Hazardous Materials Specialist

cc: Rodman D. Freitag  
General Services Agency  
Engineering & Environmental  
Management Department  
1401 Lakeside Drive, 11th Flr.  
Oakland, CA 94612

Mr. Bill Ekern  
City of Albany  
1000 San Pablo  
Albany, CA 94706

Acting Chief-File





TO: Jerry Vargas  
City of Albany  
1000 San Pablo Avenue  
Albany, CA. 94706

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6777

**SUBJECT: Hazardous Waste Generator Workshop for Auto Engine Repair Facilities,  
October 17, 1995**

Thank you for attending the recent workshop. Your participation demonstrates your interest in environmental compliance. Listed below are the topics covered at the workshop:

**Activities that Produce Hazardous Waste**

- Typical Auto Shop Wastes: Hazardous and Contaminated
- Best Management Practices that Reduce or Eliminate Problem Wastes
- Compliance Checklist
- Pollution Prevention Checklist
- Exemptions

**Hazardous Waste Storage and Disposal Requirements**

- Time Frames for Storage and Disposal
- Compatibility of Hazardous Wastes
- Planning to Prevent and Deal with Spills
- Labeling Hazardous Waste Containers
- Transporting Requirements for Hazardous Wastes
- Exemptions for Small Quantity Generators

**Employee Training Requirements**

- Hazardous Waste Handlers
- OSHA's Requirements and Who's Exempt
- Contingency and Emergency Planning Documents

**Record Keeping and Paperwork - How to Keep it All Together**

- Required Notifications for Waste Generators and Spill Reporting
- EPA Identification Number - Who Needs It?
- Disposal, Inspection and Training Records
- Exemptions

This workshop was designed to update shop owners and operators on the hazardous waste requirements, but also fulfills many of the employee training requirements. In order to complete the training picture for employees, managers need to supplement this workshop with information on their individual site practices and procedures.

Please call Pamela Evans, Senior Hazardous Materials Specialist, @ 567-6770 with any comments about the workshop or with questions on hazardous waste requirements.

**Due to demand, the workshop will be repeated December 6, 1995. Please tell a friend!**

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 1, 1995

Mr. Jason Baker  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

STID 4463

Re: Investigations at Memorial Park, located at 1325 Portland Ave., Albany, California

Dear Mr. Baker,

On June 23, 1993, a 1,500-gallon heating oil underground storage tank (UST) was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. These soil samples were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) and benzene, toluene, ethylbenzene, and xylenes (BTEX). Concentrations of TPHd were identified in all the soil samples, with the highest concentration, 590 ppm, being identified along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one groundwater sample was collected. Although analysis of these soil samples did not identify contaminant concentrations above detection limits, analysis of the groundwater sample did identify 320 ppb TPHd.

It is the understanding of this office that the City of Albany is the current property owner of this site. Per Article 11, Title 23 California Code of Regulations, "any owner of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred" is considered a "Responsible Party" for corrective action at the site. Therefore, the City of Albany has been designated as a Responsible Party, as well as the County of Alameda who is the last operator of the former heating oil tank, for investigations and remediation at the site.

On July 23, 1993 and December 9, 1993, this office wrote a letter to the City of Albany requiring additional soil and groundwater characterization at the site, per the requirements of Article 11, Title 23 California Code of Regulations (please refer to attached copies). In April 1994, Harlan Tait Associates (HTA), on behalf of the City of Albany, submitted a work plan addressing additional investigations. On May 5, 1994, this office approved

Mr. Jason Baker  
Re: 1325 Portland Ave.  
September 1, 1995  
Page 2 of 2

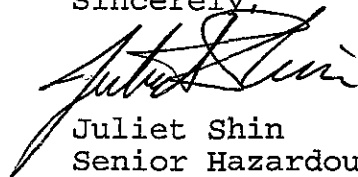
HTA's work plan on the condition that a work plan addendum be submitted addressing some additional required work (refer to attached copy). To date, this office has not yet received the required addendum.

An addendum to HTA's work plan, or another work plan addressing the required work, shall be submitted to this office within 60 days of the date of this letter (i.e., by October 27, 1995). This is a formal request for a technical report pursuant to Section 2722, Article 11, Title 23 California Code of Regulations.

Lastly, it appears that this office never received the UST Release/Leak Report form. This is a standard form that is required to be completed and submitted when a release has been observed from an UST. Please complete the attached form and submit it to this office **within 30 days** of the date of this letter. A copy of this form was also sent to the County of Alameda, however, only one form needs to be submitted to this office.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin  
Senior Hazardous Materials Specialist

cc: Mr. Jim DeVoss  
County of Alameda  
General Services Agency  
1401 Lakeside Dr., 11th Flr.  
Oakland, CA 94612

Acting Chief-File

**ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY**

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 1, 1995

Mr. Jim DeVoss  
County of Alameda  
General Services Agency  
1401 Lakeside Dr., 11th Flr.  
Oakland, CA 94612

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

STID 4463

Re: Investigations at Memorial Park, located at 1325 Portland Ave., Albany, California

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It is the understanding of this office that the County of Alameda was the last operator of this former heating oil UST. Per Article 11, Title 23 California Code of Regulations, "any person who owned or operated the underground storage tank immediately before the discontinuation of its use" is considered a "Responsible Party" for corrective action at the site. Therefore, your office has been designated as a Responsible Party, as well as the City of Albany who is the current property owner, for investigations and remediation at the site.

On July 23, 1993 and December 9, 1993, this office wrote a letter to the City of Albany requiring additional soil and groundwater characterization at the site, per the requirements of Article 11, Title 23 California Code of Regulations (please refer to attached copies). In April 1994, Harlan Tait Associates (HTA), on behalf of the City of Albany, submitted a work plan addressing additional investigations. On May 5, 1994, this office approved

Mr. Jim DeVoss  
Re: 1325 Portland Ave.  
September 1, 1995  
Page 2 of 2

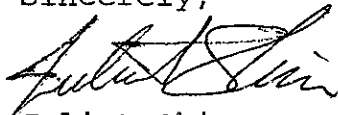
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Lastly, it appears that this office never received the UST Release/Leak Report form. This is a standard form that is required to be completed and submitted when a release has been observed from an UST. Please complete the attached form and submit it to this office **within 30 days** of the date of this letter. A copy of this form was also sent to the City of Albany, however, only one form needs to be submitted to this office.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin  
Senior Hazardous Materials Specialist

cc: Mr. Jason Baker  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

Acting Chief-File



1 111  
*City*

CITY HALL • 1000 SAN PABLO AVE

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1
To Janet Kline	From Juliet Shin	
Co.	Co. Alameda City	
Dept.	Phone # 567-6763	
Fax # 526-9190	Fax #	

ROBERT J. ZWEBEN  
CITY ATTORNEY

June 16, 1994

Ms. Eva Chu  
Alameda County Health Agency  
Division of Hazardous Materials  
80 Swan Way, Room 200  
Oakland, CA 94621

RE: Underground Storage Tank - Memorial Park:

Dear Ms. Chu:

Please find enclosed a copy of a letter from Regional Water Resources Control Board. I am writing this letter to request that you notify the State Water Resources Control Board ("SWRCB") that the County of Alameda, not the City of Albany is the responsible party for the underground tank at the Memorial Park location. This is a county tank. Also enclosed is a copy of a letter that Mr. Maiolini forwarded to my office. The City of Albany previously filed a claim against Alameda County requesting Alameda County to pay for the costs related to the storage tank. Since this is a County tank and the County is the responsible party, the County has agreed to repay the City for costs it has already incurred.

It does not seem appropriate for the City to continue to relate to SWRCB if the County is the actual responsible party. I would request that you contact SWRCB and inform them that the County is indeed the responsible party.

Should you have any problems in regard to this letter, please contact me immediately. The City does not desire to continue to be in the middle of this scenario because it causes the expenditure of unnecessary funds. I appreciate your immediate attention. Thank you.

Sincerely,

*Robert J. Zweben/jz*  
Robert J. Zweben

524-9205

RJZ:jl  
Encls.

cc: Mr. Kenneth Maiolini, w/encls.  
Risk Management Services

Mr. Jason Baker, w/encls.  
City of Albany

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF CLEAN WATER PROGRAMS

2014 T STREET, SUITE 130  
P.O. BOX 944212  
SACRAMENTO, CA 94244-2120



(916) 227-4325  
FACSIMILE (916) 227-4349

JUN 13 1994

Jason T. Baker  
Engineering Assistant  
City of Albany  
1000 San Pablo Avenue  
Albany, CA 94706-2295

Dear Mr. Baker:

UNDERGROUND STORAGE TANK (UST) LOCAL OVERSIGHT PROGRAM, SITE NO. 4463, MEMORIAL PARK, 1325 PORTLAND AVENUE, COUNTY OF ALAMEDA

This is in response to your letter indicating that the County and not the City is responsible for the UST's previously located at the above address. It is the responsibility of the County to identify responsible parties for contaminated sites. They have identified the City as the responsible party for this site. Please contact Eva Chu of the County at (510) 271-4530 if you believe the City was erroneously identified as the responsible party. The County will notify us if a change is to be made.

If you have any questions, please contact me at (916) 227-4325.

Sincerely,

Lori Casias  
Local Oversight Program

cc: Eva Chu - 2  
Alameda County

# RMS

## RISK MANAGEMENT SERVICES

920 SHERMAN AVENUE • NOVATO, CA 94945 • TEL. (415) 897-2850 • FAX (415) 897-1388

June 1, 1994

Robert J. Zweben  
City Attorney  
City of Albany  
City Hall  
1000 San Pablo Ave.  
Albany, CA 94706

RE: County of Alameda/City of Albany  
County Claim No: 93-661

Dear Mr. Zweben:

This letter will confirm our agreement that the County will waive its right to assert the statute of limitations on the pending claim #93-661. This involves the City's claim against the County related to the removal of a fuel tank.

I will be requesting a warrant for \$61,895.56 today, payable to the City of Albany. Once I have the warrant, I will contact you so that we can execute a settlement agreement.

Thank you for your cooperation in this matter.

Sincerely,



Kenneth R. Maiolini  
/caq

cc: Nancy Johnston-Bellard  
Peter LaChapelle, Esq.  
Nick Aracic, Esq.  
Jim de Vos  
Jason Baker, Esq. (sent via fax)



**STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF CLEAN WATER PROGRAMS**

2014 T STREET, SUITE 130  
P.O. BOX 944212  
SACRAMENTO, CA 94244-2120



(916) 227-4325  
FACSIMILE (916) 227-4349

JUN 13 1994

Jason T. Baker  
Engineering Assistant  
City of Albany  
1000 San Pablo Avenue  
Albany, CA 94706-2295

Dear Mr. Baker:

UNDERGROUND STORAGE TANK (UST) LOCAL OVERSIGHT PROGRAM, SITE NO.  
4463, MEMORIAL PARK, 1325 PORTLAND AVENUE, COUNTY OF ALAMEDA

This is in response to your letter indicating that the County and not the City is responsible for the UST's previously located at the above address. It is the responsibility of the County to identify responsible parties for contaminated sites. They have identified the City as the responsible party for this site. Please contact Eva Chu of the County at (510) 271-4530 if you believe the City was erroneously identified as the responsible party. The County will notify us if a change is to be made.

If you have any questions, please contact me at (916) 227-4325.

Sincerely,

A handwritten signature in cursive script that reads "L Casias".

Lori Casias  
Local Oversight Program

cc: ✓ Eva Chu  
Alameda County

ALCO  
HAZMAT

94 JUN 14 PM 2:28

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

May 5, 1994

Mr. Jason Baker  
city of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

STID 4463

Re: Work plan for investigations at 1325 Portland Ave., Albany,  
California

Dear Mr. Baker,

This office has received and reviewed Harlan Tait Associates' (HTA) work plan, dated April 14, 1994. Although the work plan proposes to drill three borings, in lieu of installing permanent monitoring wells, the Regional Water Quality Control Board (RWQCB) **requires** that permanent monitoring wells be installed to adequately characterize potential ground water contamination at the site. "Grab" ground water samples can only be used as a screening tool to assist in determining the locations of the required permanent monitoring wells.

RWQCB requires that one monitoring well be installed within 10 feet of the tank pit, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. Having reviewed our database, it appears that there are no other monitoring wells within 1,000 feet of your site. **Therefore, in the case of your site, it appears that you are required to install at least three permanent monitoring wells on site.**

During the installation of these wells, soil samples are to be collected at five-foot intervals, significant changes in lithology, and at the soil/ground water interface. If there is any staining, odor, or readings on the photoionization meter from any of the collected soil samples, that sample must be submitted to a certified laboratory for analysis.

Subsequent to the installation of the monitoring wells, these **wells must be surveyed** to an established benchmark, to an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you

Mr. Jason Baker  
Re: 1325 Portland Ave.  
May 5, 1994  
Page 2 of 3

will be required to continue monthly water level measurements until the ground water gradient behavior is known.

Quarterly monitoring and reporting is required until this site qualifies for closure. The referenced quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations of the Initial Evaluation and Investigation of Underground Tanks.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

A revised work plan, addressing the above requirements, is due to this office **within 30 days** of the date of this letter. Field work shall commence within 60 days after the County's approval of the revised work plan. A report documenting the work shall be submitted to this office within 45 days after completing field activities.

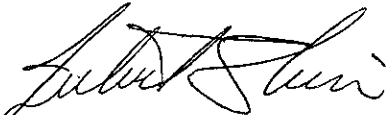
Additionally, HTA's work plan makes references to "**the Rogers/Pacific borings**". This office has no information on the placement or sampling of these borings. **Please submit information on these borings to this office within 15 days of the date of this letter.**

Mr. Jason Baker  
Re: 1325 Portland Ave.  
May 5, 1994  
Page 3 of 3

Lastly, it appears that this office never received the **Underground Storage Tank Unauthorized Release/Leak Report Form** from you. Please complete the attached form and submit it to this office **within 15 days** of the date of this letter.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County Distric Attorney's Office

David H. Connell  
Harlan Tait Associates  
601 Taylor St.  
Fairfield, CA 94533

Edgar Howell-File(JS)

**AGREEMENT FOR CONSULTING SERVICES**

Date: April 14, 1994

PW No:

Project No: E 653.08

CITY OF ALBANY, DEPARTMENT OF PUBLIC WORKS ("CLIENT"), and HARLAN TAIT ASSOCIATES ("HTA"), a California Corporation, agree to the following assignment:

**Project Name:** CHILD CARE CENTER ASSESSMENT

**Project Description and Location:** Memorial Park  
1325 Portland Avenue  
Albany, California

**Client Address:** City of Albany  
Department of Public Works  
1000 San Pablo Avenue  
Albany, CA 94706

APR 26 1994  
HTA

**Description and Scope of Assignment:** Prepare a preliminary site assessment workplan for submittal to the Alameda County, Department of Environmental Health, perform the approved workplan scope and prepare a report presenting our findings, conclusions and recommendations.

**Fees:** Charges will be determined on a time-and-expense basis in accordance with the Schedule of Charges, attached. For the workplan submitted to Alameda County on April 14, 1994, we estimate our fee will be about \$7,000. We will not exceed a fee of \$7,000 without prior written authorization. If the workplan scope is modified by Alameda County, we will submit a revised written scope of work and fee estimate for the City of Albany approval prior to start of work.

**TERMS AND CONDITIONS**

- HAZARDOUS MATERIALS:** As defined herein, "hazardous materials" shall mean any toxic substances, chemicals, pollutants or other materials, in whatever form or state, that are known or suspected to adversely affect the health and safety of humans or of animal or plant organisms, or which are known or suspected to impair the environment in any way whatsoever.
- PROFESSIONAL SERVICES:** HTA shall perform only those services outlined above, except that Client and HTA may subsequently agree in writing to provide for additional services to be rendered under this Agreement for additional, negotiated compensation. Client recognizes that the regulations, and professional standards applicable to hazardous materials are constantly evolving. In addition, techniques for investigating and ameliorating hazardous materials conditions are, by necessity, often new and relatively untried. Different professionals may reasonably adopt different approaches to similar problems. The services provided by HTA will be generally consistent with an approach which would be used by other investigators at the time the work is performed, but no other warranty, express or implied, is intended. HTA does not warrant or guarantee that recommendations made pursuant to this Agreement will comply

with governmental requirements, nor does HTA warrant that recommendations made pursuant to this Agreement will provide results satisfactory to Client.

3. CERTIFICATIONS: HTA shall not be required to execute any certification with regard to work performed, tested, or observed under this Agreement unless: (1) HTA, in its sole judgment, believes that sufficient work has been performed by HTA to provide a sufficient basis to issue the certification, (2) HTA, in its sole judgment, believes the work performed, tested or observed meets the criteria of the certification, and (3) the exact form of such certification has been provided to HTA prior to execution of this Agreement, and HTA has agreed, in writing, that the form is acceptable to it. Any certification by HTA is limited as set forth in California Business & Professions Codes 6735.5, and does not constitute a warranty or guarantee, either express or implied.
4. INFORMATION PROVIDED BY CLIENT: Client will provide HTA with all information known to Client, in the possession of Client, or which should reasonably be known by Client concerning the current use of the project site, the past uses of the project site, and the nature and existence of any hazardous substances on or adjacent to the project site. Client shall be responsible for correctly designating the location of all subsurface structures, such as pipes, tanks, cables, electrical lines, telephone lines and utilities within the property lines of the project site. Client warrants the accuracy of any information and agrees that HTA is entitled to rely upon any information supplied by Client without checking the accuracy of that information.
5. NOTIFICATION OF GOVERNMENTAL AGENCIES AND THE PUBLIC: Client shall be solely responsible for providing to any governmental agencies, or to the public, any necessary reports or notifications concerning the existence of hazardous materials on the project site.
6. FIELD EXPLORATION: Unless otherwise agreed, Client will furnish right-of-entry on land for planned field operations. HTA will take reasonable precautions to control damage to land from equipment use, but the fee and expense estimate, or the not-to-exceed amount stated above, does not include cost of restoration of damage resulting from exploration operations. HTA will not be liable for damage or injury arising from damage to subterranean structures (pipes, tanks, telephone lines, electric lines, utilities, etc.) which are not called to our attention and correctly shown on plans furnished to us.
7. JOB SITE SAFETY: HTA shall have no responsibility for the safety of persons or property on the project site other than employees of HTA. Client shall be responsible for compliance with the OSHA Hazardous Communication Standard (Code of Federal Regulations Title 29, Part 1910.1200, et seq.), Hazardous Substances Information and Training Act (California Labor Code 6360, et seq.), Safe Drinking Water and Toxic Enforcement Act of 1986 (California Health & Safety Code 25249.5 - 25249.13), and any superseding or similar programs, and shall assure that all persons on the project site, other than HTA employees, are provided all notifications and training required by that program or any similar state or local program.
8. SAMPLES: HTA shall preserve such soil, rock, water and other samples obtained from the project site for not longer than sixty (60) days after the issue of any document that includes the data obtained from those samples. Client shall promptly pay and be responsible for the removal and lawful disposal of samples, cuttings and hazardous substances, unless other arrangements are mutually agreed upon in writing.
9. INSURANCE: HTA has procured and shall maintain, subject to availability and affordability, general liability and professional liability insurance. HTA shall be the sole and exclusive judge of the adequacy of the form, amount, availability, and affordability of such insurance. Informational certificates of insurance will be provided to Client upon written request. Client understands that the insurance procured by HTA does not provide coverage for hazardous materials, toxic wastes or environmental impairment.
10. LIMITATION OF LIABILITY AND HOLD HARMLESS: Client recognizes the inherent risk of claims associated with the service to be provided by HTA. In consideration of HTA's Agreement to perform the services set forth above, Client agrees:
  - (a) to limit HTA's liability to Client for acts, errors or omissions to the amount of fees paid to HTA on this project; and
  - (b) to defend, indemnify, and hold HTA harmless from and against any and all claims, damages or liability, including administrative proceedings, penalties or injunctive relief which arises from, or which is alleged to arise from, the services rendered by HTA under this Agreement, or which arises from, or is alleged to arise from, discharge of, or

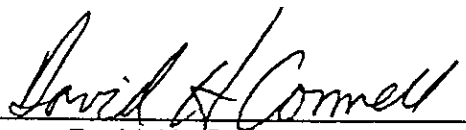
exposure to hazardous materials, or environmental impairment caused by hazardous materials, unless such claims, damages or liability are caused by HTA's sole negligence or willful misconduct.

11. THIRD PARTY EXCLUSION: This Agreement shall not create any rights or benefits to parties other than Client or HTA, except such other rights as may be specifically called for herein.
12. TERMINATION: This Agreement may be terminated by either party upon (7) days written notice in the event of substantial failure of performance by the other party to perform in accordance with the terms hereof. In the event of termination, HTA shall be paid for services performed to the termination notice date plus reasonable termination expenses, including the cost of completing analyses, records and reports necessary to document project status at the time of termination.
13. CHANGED CONDITIONS: If, during the course of performance of this Agreement, conditions or circumstances are discovered which were not contemplated by HTA at the commencement of this Agreement, HTA shall notify Client in writing of the newly discovered conditions or circumstances, and Client and HTA shall renegotiate, in good faith, the terms and conditions of the Agreement. If amended terms and conditions cannot be agreed upon within thirty (30) days after notice, HTA may terminate this Agreement and be compensated as set forth under TERMINATION, above.
14. ATTORNEYS' FEES: Should HTA initiate an action or actions to recover fees and costs due under this Agreement, Client shall pay, in addition to any fees and costs owed, all attorneys' fees and legal costs incurred by HTA in such action or actions.
15. GOVERNING LAW: This Agreement, its performance, and the rights and obligations of the parties hereunder shall be governed by the laws of the State of California. If any part of this Agreement is adjudged to be invalid or unenforceable, such invalidity shall not affect the full force and effect of the remainder of this Agreement.
16. INVOICES: HTA will submit invoices to the Client as frequently as monthly. Payment is due upon presentation and is considered past due 30 days from the invoice date. The Client agrees to pay a late charge of 1.5% per month, or the maximum rate allowed by law, on past due accounts. Any attorneys' fees or other costs incurred in collecting a delinquent account shall be paid by the Client. If accounts become past due, HTA reserves the right to cease work.
17. DISPUTES: In the event of a dispute arising under this Agreement, such dispute shall be submitted to binding arbitration pursuant to the provisions of California Code of Civil Procedure 1281, et seq., and under such additional terms and conditions as the parties may agree; however, that arbitration shall be conducted by a panel of three arbitrators, unless the parties shall otherwise agree. The prevailing party in any contested proceeding, including arbitration, shall be entitled to recover from the other party its attorneys' fees, court costs, expert witness fees, consulting and test services (including services by HTA's staff) reasonably, necessarily and actually incurred by reason of that dispute.
18. PRECEDENCE: In the event of conflicting provisions in the documents affecting the work under this Agreement, the order of precedence shall be (a) the special conditions, if any, of this Agreement; (b) these general conditions; and (c) other contract documents between Client and HTA.

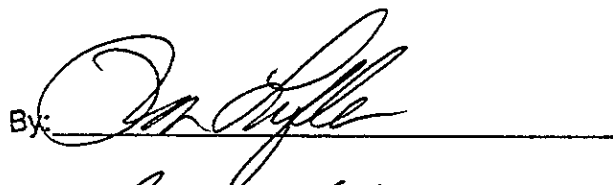
HARLAN TAIT ASSOCIATES

CITY OF ALBANY:

By:

  
David H. Connell

By:

  
Title: Director of Public Works  
Date: 4-25-94

Title: Vice President

Date: April 14, 1994

Attached: Schedule of Charges

**STANDARD SCHEDULE OF CHARGES - 1995**

The rates below are for professional engineering and geological consulting services that do not involve litigation services, for which a separate Schedule of Charges applies. Charges for services in 1996 will be based on a new Schedule of Charges effective January 1, 1996.

<u>Personnel</u>	<u>Hourly Rates</u>
Senior Principal Engineer/Geologist . . . . .	\$142
Principal Engineer/Geologist . . . . .	\$100 - 120
Senior Engineer/Geologist/Hydrogeologist . . . . .	\$ 82 - 98
Project Engineer/Geologist/Hydrogeologist . . . . .	\$ 74 - 86
Staff Engineer/Geologist . . . . .	\$ 56 - 68
Senior/Supervisory Technician . . . . .	\$ 64 - 80
Technician . . . . .	\$ 44 - 58
Technical Editor/Report Production . . . . .	\$ 36 - 54
Drafter/Graphics . . . . .	\$ 40 - 60
Project Clerical . . . . .	\$ 32 - 40
(General administrative services and supplies are included in the hourly rates for personnel)	

Personnel travel time will be charged at regular hourly rates, 8 hrs. max/day.

Other Charges

Vehicle . . . . .	\$ .45 per mile
Vehicle with field test equipment (no mileage charge) . . . . .	\$ 6.00 per hour
Vehicle - 4-wheel drive . . . . .	\$ .55 per mile
Vehicle - 4-wheel drive with field test equipment (no mileage charge) . . . . .	\$ 10.00 per hour
Laboratory testing/special equipment/instrumentation . . . . .	(separate schedule)
Nuclear Density Gage . . . . .	\$ 6.00 per test
Slope Indicator Casing Materials . . . . .	\$ 12.00 per foot
Slope Indicator Instrument (4 hour minimum) . . . . .	\$ 15.00 per hour
Micro Computer . . . . .	\$ 20.00 per hour
CAD . . . . .	\$ 30.00 per hour
Observation Well Materials . . . . .	\$ 3.00 per foot
Survey Equipment . . . . .	\$ 25.00 per day
Diazo Print . . . . .	at outside charge rates

Outside Services: Rental of drilling and backhoe equipment, photography, transportation, lodging and meals, computer, reproduction, long distance telephone, courier/delivery service, special equipment, services and supplies not normally provided, cost + 15%.



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

April 13, 1994

Mr. Jason Baker  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

STID 4463

Re: Required investigations at 1325 Portland Ave., Albany, CA

**SECOND NOTICE OF VIOLATION**

Dear Mr. Baker,

On July 23, 1993, this office sent you a letter requiring you to submit a work plan addressing investigations relating to the ground water contamination observed at the above site. This work plan was due by September 23, 1993. On December 9, 1993, this office sent you a Notice of Violation, requiring you to submit this work plan. To this date, this office has not received a work plan, nor any correspondence relating to the submittal of this work plan.

Investigations are required at the site in response to the observed release of diesel and ethylbenzene, toluene, and xylenes. On June 23, 1993, a 1,500-gallon heating oil underground storage tank (UST) was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) were identified in all the soil samples, the highest concentration being 590 ppm along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one ground water sample was collected. According to the laboratory analysis results, it appears that the bulk of soil contamination has been removed from the tank pit. However, the analysis results of the ground water sample identified 320 ppb diesel.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) requires that investigations be conducted when there is evidence to indicate that a release from an UST may have impacted soil and ground water.

Mr. Jason Baker  
Re: 1325 Portland Ave.  
April 13, 1994  
Page 2 of 4

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

- o At least one ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.
- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you will be required to continue monthly water level measurements until the ground water gradient behavior is known. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations of the Initial Evaluation and Investigation of Underground Tanks.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if

Mr. Jason Baker  
Re: 1325 Portland Ave.  
April 13, 1994  
Page 3 of 4

it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

The PSA work plan is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence **within 60 days**. A report must be submitted **within 45 days** after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

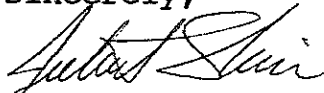
Failure to furnish technical reports regarding documented or potential ground water contamination violates **Section 13267 (b) of the California Water Code**. The Regional Water Quality Control Board (RWQCB) can impose civil penalties of up to **\$1,000 per day** that such a violation continues.

This is a formal request for a technical report pursuant to **Section 2722, Article 11, Title 23 California Code of Regulations**. Any extensions of the deadline must be approved in writing by either this agency or RWQCB.

Mr. Jason Baker  
Re: 1325 Portland Ave.  
April 13, 1994  
Page 4 of 4

If you have any questions or comments, please contact me at (510)  
271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office

Rhonda Reames-Kiper  
SEMCO  
1741 Leslie Street  
San Mateo, CA 94402

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

July 23, 1993

Mr. Jason Baker  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

STID 4463

Re: Required investigations at 1325 Portland Ave., Albany,  
California

Dear Mr. Baker,

On June 23, 1993, a 1,500-gallon heating oil underground storage tank was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) were identified in all the soil samples, the highest concentration being 590 ppm along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one ground water sample was collected. According to the laboratory analysis results, it appears that the bulk of soil contamination has been removed from the tank pit. However, the analysis results of the ground water sample identified 320 ppb diesel.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that investigations be conducted when there is evidence to indicate that a release from an UST may have impacted the ground water.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

Mr. Jason Baker  
Re: 1325 Portland Ave.  
July 23, 1993  
Page 2 of 3

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- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you will be required to continue monthly water level measurements until the ground water gradient behavior is known. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

The PSA proposal is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

Mr. Jason Baker  
Re: 1325 Portland Ave.  
July 23, 1993  
Page 3 of 3

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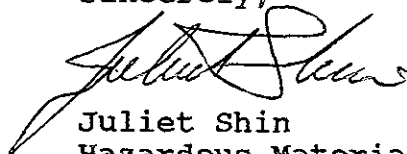
- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product, plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c) (d) of Title 23 California Code of Regulations**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

Please be reminded to copy Richard Hiatt, at the San Francisco Bay Region-Water Quality Control Board, on all correspondence and reports regarding this site.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiatt, RWQCB

Edgar Howell-File(JS)

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
Oakland, CA 94621  
(415) 271-4320

## Hazardous Materials Division Inspection Form

Site ID# \_\_\_\_\_ Site Name City of Albany Today's Date 6/28/93  
 Site Address 1325 Portland Ave EPA ID# \_\_\_\_\_  
 City Albany Zip 94 Phone \_\_\_\_\_

MAX Amt. Stored > 500lbs/55g/200cf?  Y  N  
 Hazardous Waste generated per month? \_\_\_\_\_

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks Removal/Overexcavation

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**I.A. GENERATOR (Title 22)**

- |                   |                |                             |         |
|-------------------|----------------|-----------------------------|---------|
| ___               | 1. Waste ID    | * 66471                     |         |
| ___               | 2. EPA ID      | 66472                       |         |
| ___               | 3. > 90 days   | 66508                       |         |
| ___               | 4. Label dates | 66508                       |         |
| ___               | 5. Biennial    | 66493                       |         |
| <hr/>             |                |                             |         |
| Manifest          | ___            | 6. Records                  | 66492   |
|                   | ___            | 7. Correct                  | 66484   |
|                   | ___            | 8. Copy sent                | 66492   |
|                   | ___            | 9. Exception                | 66484   |
|                   | ___            | 10. Copies Rec'd            | 66492   |
| <hr/>             |                |                             |         |
| Misc.             | ___            | 11. Treatment               | 66371   |
|                   | ___            | 12. On-site Disp. (H.S.&C.) | 26189.5 |
|                   | ___            | 13. Ex Haz. Waste           | 66570   |
| <hr/>             |                |                             |         |
| Prevention        | ___            | 14. Communications          | 67121   |
|                   | ___            | 15. Aisle Space             | 67124   |
|                   | ___            | 16. Local Authority         | 67126   |
|                   | ___            | 17. Maintenance             | 67120   |
|                   | ___            | 18. Training                | 67105   |
| <hr/>             |                |                             |         |
| Confin. gency     | ___            | 19. Prepared                | 67140   |
|                   | ___            | 20. Name List               | 67141   |
|                   | ___            | 21. Copies                  | 67141   |
|                   | ___            | 22. Emg. Coord. Trng.       | 67144   |
| <hr/>             |                |                             |         |
| Containers, Tanks | ___            | 23. Condition               | 67241   |
|                   | ___            | 24. Compatibility           | 67242   |
|                   | ___            | 25. Maintenance             | 67243   |
|                   | ___            | 26. Inspection              | 67244   |
|                   | ___            | 27. Buffer Zone             | 67246   |
|                   | ___            | 28. Tank Inspection         | 67259   |
|                   | ___            | 29. Containment             | 67245   |
|                   | ___            | 30. Safe Storage            | 67261   |
|                   | ___            | 31. Freeboard               | 67257   |

**Comments:**

Piping <sup>into building</sup> must be triple roused before fitting w/ slurry cement and capping. Remaining piping must be remark.

Pump out water in pit, if it recharges, take a water sample. Analyze for TPH-D and BTEX (water in pit when USI was removed on Tuesday)

Trench dug revealing product line to building piping w/ holes. Product floating product in trench being pumped out

**I.B. TRANSPORTER (Title 22)**

- |          |                           |                  |       |
|----------|---------------------------|------------------|-------|
| ___      | 32. Applic./insurance     | 66428            |       |
| ___      | 33. Comp. Cert./CHP Insp. | 66448            |       |
| ___      | 34. Containers            | 66465            |       |
| <hr/>    |                           |                  |       |
| Manifest | ___                       | 35. Vehicles     | 66465 |
|          | ___                       | 36. EPA ID #s    | 66531 |
|          | ___                       | 37. Correct      | 66541 |
|          | ___                       | 38. HW Delivery  | 66543 |
|          | ___                       | 39. Records      | 66544 |
| <hr/>    |                           |                  |       |
| Confr's  | ___                       | 40. Name/ Covers | 66545 |
|          | ___                       | 41. Recyclables  | 66800 |

Rev 6/88

Contact: Tina Soenksen  
 Title: Proj. Coord.  
 Signature: Tina Soenksen  
 Inspector: Eva Cho  
 Signature: [Signature]



white -env.health  
 yellow -facility  
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
 Oakland, CA 94621  
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name City of Albany Today's Date 6/29/93

Site Address 1325 Portland  
 City Albany Zip 94 Phone \_\_\_\_\_

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks Sampling after overexcavation

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments: 528-5767  
Presents Darrell Murray - Albany Bldg. Dept.

Piping from bldg is flushed/rinsed and line is plugged.  
Trench soil appears clean, w/o petroleum odor.

Large pit where piping connected to UST exhibited contaminated, stained soil. This will be excavated after trench is filled. Confirmatory sample will be taken in new trench <sup>from</sup> after obvious contaminated soil is removed.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'LS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- |  |   |
|--|---|
| General  | <input type="checkbox"/> 1. Permit Application 25284 (H&S)      |
|  | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
|  | <input type="checkbox"/> 3. Records Maintenance 2712            |
|  | <input type="checkbox"/> 4. Release Report 2651                 |
|  | <input type="checkbox"/> 5. Closure Plans 2670                  |
| Monitoring for Existing Tanks                    | <input type="checkbox"/> 6. Method                              |
|  | 1) Monthly Test   |
|  | 2) Daily Vadose   |
|  | Semi-annual groundwater   |
|  | One time soils  |
|  | 3) Daily Vadose   |
|  | One time soils  |
|  | Annual tank test  |
|  | 4) Monthly Gndwater   |
|  | One time soils  |
| Daily Inventory                                  |   |
| Annual tank testing                              |   |
| Cont pipe leak det                               |   |
| Vadose/gndwater mon.                             |   |
| 6) Daily Inventory                               |   |
| Annual tank testing                              |   |
| Cont pipe leak det                               |   |
| 7) Weekly Tank Gauge                             |   |
| Annual tank testing                              |   |
| 8) Annual Tank Testing                           |   |
| Daily inventory                                  |   |
| 9) Other _____                                   |   |
| New Tanks  | <input type="checkbox"/> 7. Precs Tank Test 2643                |
|  | Date: _____   |
|  | <input type="checkbox"/> 8. Inventory Rec. 2644                 |
|  | <input type="checkbox"/> 9. Soil Testing . 2646                 |
| <input type="checkbox"/> 10. Ground Water. 2647  |   |
| <input type="checkbox"/> 11. Monitor Plan 2632   |   |
| <input type="checkbox"/> 12. Access. Secure 2634 |   |
| <input type="checkbox"/> 13. Plans Submit 2711   |   |
| Date: _____                                      |   |
| <input type="checkbox"/> 14. As Built 2635       |   |
| Date: _____                                      |   |

Rev 6/88

Contact: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspector: Esachy

Signature: esachy

II, III

S E M C O  
Environmental and General Engineering Contractors  
1741 Leslie Street  
San Mateo, California 94402

33 JUN 25 1993

June 25, 1993

Kevin Tinsley  
Alameda County Health Care Agency  
80 Swan Way #200  
Oakland, CA 94621

Re: City of Albany  
1325 Portland Ave., Albany

Dear Kevin:

We are submitting this workplan for your consideration.

SEMCO was hired by the City of Albany to remove one underground storage tank from the site at the corner of Portland and Carmel in Albany. After obtaining a number of samples from the excavation, analytical results dictated that further excavation was needed.

We propose to continue to excavate down 3 to 4 more feet or until bedrock is encountered and additionally to excavate laterally until all signs of contamination are absent. At that time we will obtain samples, with the supervision of an onsite Alameda County inspector, of the excavation and the spoils pile. All work will be done according to lead agency requirements and restrictions.

We look forward to working with you in the future, please inform us of the status of this workplan.

Sincerely,



Tina Soenksen  
Project Coordinator

white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
Oakland, CA 94621  
(415) 271-4320

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name Memorial Park, Albany Today's Date 6/23/93

Site Address 1350 Portland Ave

City Albany Zip 94706 Phone 528-5760

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:** Jason Baker City of Albany Public Works  
David Connell - City of Albany Consultant  
Tina Saenken - Semco

Witnessed tank removal at Memorial Park of Albany located at 1325 Portland Ave., Albany. The City of Albany initiated the removal. Semco is the contractor performing the work. Observed the tank was buried approx. 13 feet in depth, ~ 20-25 ft east of structure in a north to south position. Albany Fire Marshall Dennis Rivers on site. Tank removal occurred about 1:30 pm. Holes noted. Also 2 to 2 1/2 ft of soil was removed from underneath tank. All the soil adjacent tank was discolored green to black. Clay type soil was above the tank and fractured bedrock below tank position. Noticed a tar-like substance coming from the east wall. Sample was taken from this area as well. A total of 5 samples from the pit lie so-wall, bottom at ends of tank, east wall and upper corner of east wall (3 ft depth)

**II.A BUSINESS PLANS (Title 19)**

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. R/R Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

**II.B ACUTELY HAZ. MATLS**

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
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- 16. Persons Responsible 25534(g)
- 17. Certification 25534(i)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

**III. UNDERGROUND TANKS (Title 23)**

- General**
- 1. Permit Application 25284 (H&S)
  - 2. Pipeline Leak Detection 25292 (H&S)
  - 3. Records Maintenance 2712
  - 4. Release Report 2651
  - 5. Closure Plans 2670 N

- Monitoring for Existing Tanks**
- 6. Method Sample diagram
    - 1) Monthly Test
    - 2) Daily Vadose Semi-annual groundwater One time soils
    - 3) Daily Vadose One time soils Annual tank test pipes
    - 4) Monthly Gndwater One time soils
    - 5) Daily inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
    - 6) Daily inventory Annual tank testing Cont pipe leak det
    - 7) Weekly Tank Gauge above fractured bedrock
    - 8) Annual Tank Testing Daily inventory
    - 9) Other

- 7. Precs Tank Test Date: 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing. 2646
- 10. Ground Water. 2647

- New Tanks**
- 11. Monitor Plan 2632
  - 12. Access. Secure 2634
  - 13. Plans Submit Date: 2711
  - 14. As Built Date: 2635

Rev 6/88

Stock pile 80-85 yd<sup>3</sup>

Remco is ~~contaminated~~ <sup>CONTACTED</sup> to come and sample the stock piled soil at 3:00 pm. Chuck Kiper considered this soil contaminated and

Contact: \_\_\_\_\_ Title: ENGINEERING ASSISTANT

Inspector: Kevin Tinsley

Signature: J. Baker

Signature: K

conditional ≡ (Remco will be incinerating the soil after its characterized.)



WORKING TO PRESERVE YOUR ENVIRONMENT

(415) 572-8033

FAX (415) 572-9734

(800) 831-2344

DATE: 6/21/93

TIME: 4:50

FAX TO:

*Alameda County*

ATTN:

*A. Levin*

FAX NUMBER: (510) 569-4757

# OF PAGES FOLLOWING COVER: 7

COMMENTS:

*Permit for City of Albany  
Site: 1325 Portland Ave  
Albany*

SENDER:

*Bonne*

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL (415) 572-8033

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
PHONE NO. 415/271-4320

Project Specialist (print)

UNDERGROUND TANK CLOSURE PLAN

\*\*\* Complete according to attached instructions \*\*\*

1. Business Name N/A Open AREA  
Business Owner City of Albany
2. Site Address 1325 Portland Ave  
City Albany zip 94706 Phone \_\_\_\_\_
3. Mailing Address 1000 San Pablo Ave  
City Albany zip 94706 Phone (510) 528-5767
4. Land Owner City of Albany  
Address 1000 San Pablo Ave City, State Albany CA zip 94706
5. Generator name under which tank will be manifested \_\_\_\_\_  
City of Albany  
EPA I.D. No. under which tank will be manifested Waiting for phone call number

6. Contractor SEMCO  
Address 1741 Leslie Street  
City San Mateo, CA 94402 Phone (415) 572-8033  
License Type A.B. & C-61 ID# 449864

7. Consultant N/A  
Address \_\_\_\_\_  
City \_\_\_\_\_ Phone \_\_\_\_\_

8. Contact Person for Investigation  
Name Chuck Kiper Title Vice-President  
Phone (415) 572-8033

9. Number of tanks being closed under this plan 1  
Length of piping being removed under this plan undetermined  
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 Allied Petroleum EPA I.D. No. CAD 980675128  
Hauler License No. 1168 License Exp. Date 4/30/93  
Address P.O. Box 3551  
City Modesto State CA Zip 95350

b) Product/Residual Sludge/Rinsate Disposal Site

Name Refineries Services EPA I.D. No. CAD083166728  
Address 13331 West Highway 33  
City Patterson State CA Zip 95363

c) Tank and Piping Transporter

Name RHT Trucking EPA I.D. No. CAD982471591  
Hauler License No. 2753 License Exp. Date 4/30/93  
Address 1336 Pauline  
City Modesto State CA Zip 95351

d) Tank and Piping Disposal Site

Name Erickson EPA I.D. No. CAD009466392  
Address 255 Parr Blvd.  
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Chuck Kiper  
Company SEMCO  
Address 1741 Leslie Street  
City San Mateo State CA Zip 94402 Phone (415)572-8033

12. Laboratory

Name Superior Analytical  
Address 1555 Burke Unit I  
City San Francisco State CA Zip 94124  
State Certification No. 1332 & 319

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

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank inert

- High pressure hot water detergent wash.
- 20 lbs. per 1000 gallons dry ice.

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)		
Between 1000-1500 gallon	Heating Oil	soil/water if encountered	2 ft. below tank in native soil

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	
<b>Stockpiled Soil Volume (Estimated)</b> Anywhere from approx. 25 to 100 cy	<b>Sampling Plan</b> Soil samples taken from the tank excavation will be collectd, placed in brass tubes, sealed with foil, Teflon caps, sealed with approved tape, placed on ice, transported to state certified lab under chain of custody and analyzed for constituents of tank.

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
Fuel/Heating Oil	TPH D BTX&E TPH AND BTX&E	GCFID(3550) 8020 OR 8240 8260	TPH D BTX&E GCFID(3510) 602, 624 or 8260

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

18. Submit Worker's Compensation Certificate copy:

Name of Insurer Fairmont Insurance Company

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) Chuck Kiper

Signature *Chuck Kiper*

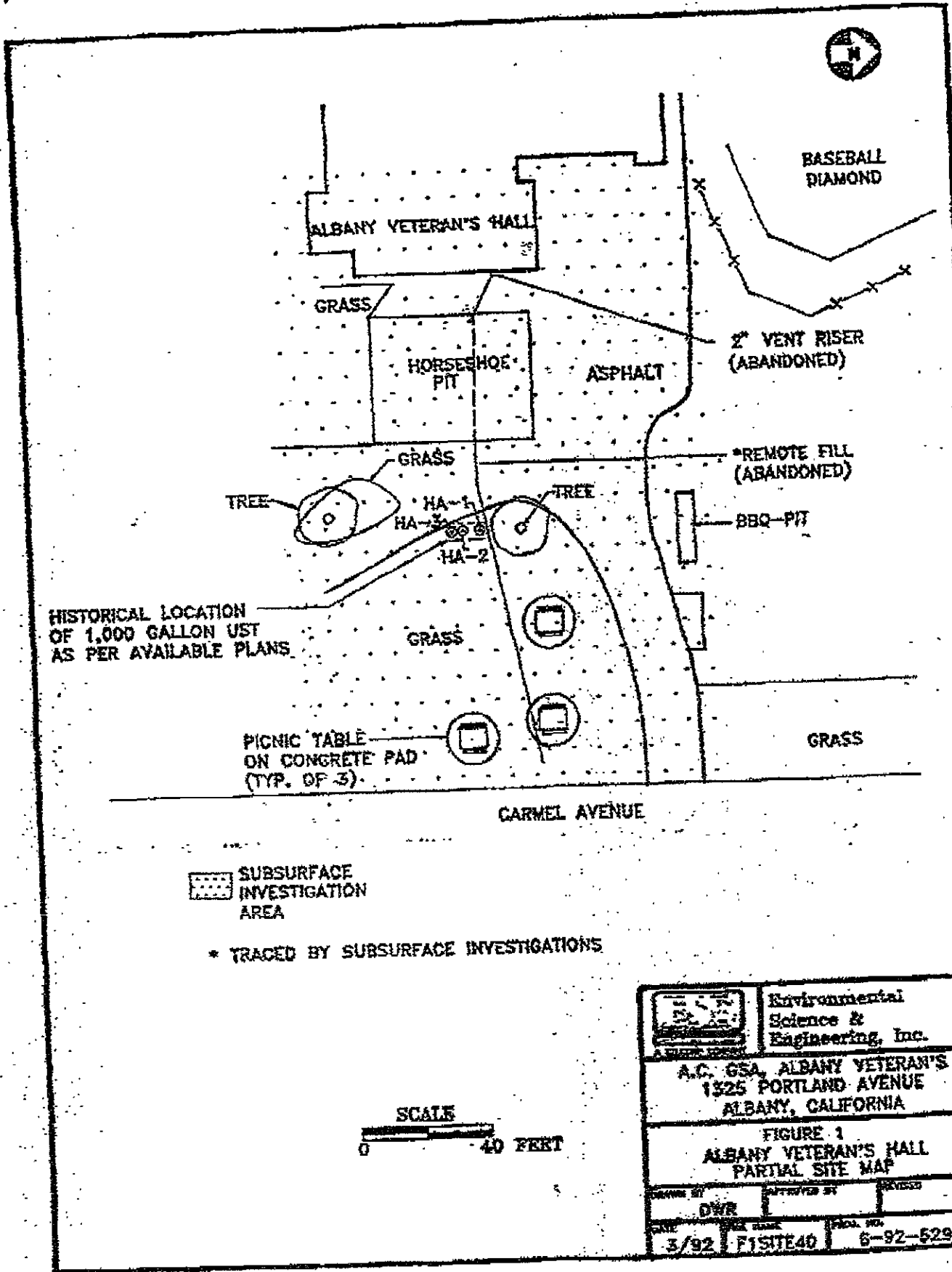
Date 6-21-93

Signature of Site Owner or Operator

Name (please type) JASON T. BAKER

Signature *Jason T. Baker*

Date 6/21/93





WORKING TO PRESERVE YOUR ENVIRONMENT

(415) 572-8033

FAX (415) 572-9734

(800) 831-2344

DATE: *6/21/93* TIME: *3:55*

FAX TO: *Alameda County*  
 ATTN: *A. Levin*

FAX NUMBER: *(510) 569-4757*  
 # OF PAGES FOLLOWING COVER: *3*

COMMENTS: *Per phone call  
 Re: City of Albany  
 Proposal 93-3092*

SENDER: *Bonne*

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL (415) 572-8033

**S E M C O**

ENVIRONMENTAL CONTRACTORS &amp; GENERAL ENGINEERING

LICENSE # 449864 A, B, C-61/D-40

HAZARDOUS SUBSTANCES CERTIFICATION

1741 LESLIE STREET  
 SAN MATEO, CA 94402  
 (800) 831-2344  
 (415) 572-8033  
 (415) 572-9734 FAX

1217 S. 7TH STREET  
 MODESTO, CA 95351  
 (800) 585-9293  
 (209) 524-9653  
 (209) 524-0503 FAX

**P R O P O S A L****DATE:** JUNE 21, 1993**NUMBER:** 93-3092**SUBMITTED TO:**

CITY OF ALBANY  
 1000 SAN PABLO AVENUE  
 ALBANY, CALIFORNIA 94706

**JOB DESCRIPTION:** TANK CLOSURE

LOCATION: PORTLAND & CARMEL  
 ALBANY

**ATTN:** DARRYL MURRAY  
**PHONE#:** (510) 528-5767

**FAX#:** (510) 524-9359

We hereby submit specifications and estimates for the following:

- Prepare tank closure applications and process required permits.
- Coordinate hazardous materials inspector, fire department, and state certified laboratory for soil testing.
- Pump residue from tank, disconnect plumbing, clean tank with high pressure, hot water detergent wash and provide dry ice in preparation for tank removal.
- Dispose of residual fuel and rinsate liquids as hazardous waste under manifest by a licensed hazardous waste hauler. (up to 50 gallons per tank).
- ANYTHING IN EXCESS OF 50 GALLONS WILL BE BILLED SEPARATELY
- Excavate and remove one (1) 1000 to 1500 gallon heating oil tank.
- Provide required equipment to load, transport and dispose of the tank and miscellaneous equipment per state and local codes.
- Backfill excavation with approved material and compact by use of hydraulic compactor.
- Clean job site and dispose of debris.
- Actual cost of tank closure permits and soil test fees by SEMCO.
- Samples included consist of the minimum required for this project. (3 SAMPLES FOR TPH AS DIESEL & BTXE, 2 FOR TANK AND 1 FOR SPOILS).
- ANY ADDITIONAL REQUIRED SAMPLES OR ANALYSIS WILL BE BILLED SEPARATELY
- Disposal of tank as hazardous waste under manifest at Erickson, Inc. by SEMCO.
- Tank removal activity report by SEMCO.
- \* Owner will be requested to supply a temporary EPA ID # from Sacramento at (916) 324-1781, for the legal manifesting and disposal of the tank and its contents.
- \* In the event of contaminated soil, caving, high watertable, underground obstacles, shoring, utilities or additional costs, an estimate will be given in advance.
- \* During this project, we recommend that the Owner or representative be on site or available by telephone.

June 21, 1993  
Page 2  
Proposal # 93-3092  
(City of Albany)

We hereby propose to furnish labor and materials complete in accordance with the above specifications, for the sum of \$ [REDACTED], with payment to be made as follows: 15% UPON ACCEPTANCE OF CONTRACT; 70% UPON TANK REMOVAL; AND 15% UPON COMPLETION.

Authorized  
Signature



Chuck Kiper, Vice-President

**Note: This proposal may be withdrawn by us if not accepted within 30 days.**

Acceptance of Proposal: The above specifications, conditions, and prices are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date: \_\_\_\_\_

Authorized  
Signature: \_\_\_\_\_

**S E M C O**  
ENVIRONMENTAL CONTRACTORS & GENERAL ENGINEERING  
1741 LESLIE STREET  
SAN MATEO, CALIFORNIA 94402

June 21, 1993

City of Albany  
1000 San Pablo Avenue  
Albany, CA 94706

Attn: Darryl Murray

Re: Site at Portland & Carmel, Albany  
Proposal # 93-3092

Dear Darryl:

Please find enclosed the proposal for the closure of the underground storage tank at the above referenced location.

Included in the price quoted will be the permits from the required agencies and the soil analysis, which will be tested for the areas outlined on the attached sheet. We have included the amount required for tanks of their capacity. In some instances, the inspector may require additional sampling, in which case there would be an additional charge for these samples.

Enclosed is an additional copy of the proposal. Should you decide to have SEMCO do the job, please sign one copy and return it to our office, and keep the other for your files.

We appreciate the opportunity to bid on your project. If you have any questions regarding this proposal, or anything that I can help you with, please give me a call.

We look forward to possibly working with you in the future.

Sincerely,



Chuck Kiper  
Vice-President  
SEMCO-SAN MATEO

Enclosure

CK/bt

License # 449864  
A, B, C-61/D40  
Hazardous Substances Certification

(800) 831-2344  
(415) 572-8033  
(415) 572-9734 FAX

December 9, 1993

Mr. Jason Baker  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

STID 4463

Re: Required investigations at 1325 Portland Ave., Albany, CA

### NOTICE OF VIOLATION

Dear Mr. Baker,

On July 23, 1993, this office sent you a letter requiring you to submit a work plan for investigations at the above site. This work plan was due by September 23, 1993. To this date, this office has not received a work plan, nor any correspondence requesting an extension for the submittal due date.

Investigations are required at the site in response to the observed release of diesel. On June 23, 1993, a 1,500-gallon heating oil underground storage tank (UST) was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) were identified in all the soil samples, the highest concentration being 590 ppm along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one ground water sample was collected. According to the laboratory analysis results, it appears that the bulk of soil contamination has been removed from the tank pit. However, the analysis results of the ground water sample identified 320 ppb diesel.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) requires that investigations be conducted when there is evidence to indicate that a release from an UST may have impacted soil and ground water.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at



Mr. Jason Baker  
Re: 1325 Portland Ave.  
December 9, 1993  
Page 2 of 2

the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. Guidelines for the required investigations are further detailed in the attached copy of the July 23, 1993 letter from this office.

You are required to submit the required work plan **within 45 days** of the date of this letter. This is a formal request for a technical report pursuant to **Section 2722, Article 11, Title 23 California Code of Regulations**. Any extensions of the deadline must be approved in writing by either this agency or RWQCB.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office  
Edgar Howell-File(JS)

LOP - CHANGE RECORD REQUEST FORM

printed:  
05/16/96

Mark Out What Needs Changing and Hand to LOP Data Entry  
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 12034  
 StID : 4463      LOC: -0-  
 SITE NAME: Memorial Park / Albany      DATE REPORTED : 06/23/93  
 ADDRESS : 1325 Portland Ave      DATE CONFIRMED: 06/23/93  
 CITY/ZIP : Albany      94706      MULTIPLE RPs : Y

SITE STATUS

-----  
 CASE TYPE: U    CONTRACT STATUS: 4    PRIOR CODE:-0-    EMERGENCY RESP: -0-  
 RP SEARCH: S      DATE COMPLETED: 07/01/93  
 PRELIMINARY ASMNT: -    DATE UNDERWAY: -0-    DATE COMPLETED: -0-  
 REM INVESTIGATION: -    DATE UNDERWAY: -0-    DATE COMPLETED: -0-  
 REMEDIAL ACTION: -    DATE UNDERWAY: -0-    DATE COMPLETED: -0-  
 POST REMED ACT MON:-    DATE UNDERWAY: -0-    DATE COMPLETED: -0-  
 ENFORCEMENT ACTION TYPE: 1      DATE ENFORCEMENT ACTION TAKEN: 07/01/93  
 LUFT FIELD MANUAL CONSID: -0-  
 CASE CLOSED: -      DATE CASE CLOSED: -0-  
 DATE EXCAVATION STARTED : 06/23/93      REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

-----  
 RP#1-CONTACT NAME: Jason Baker  
       COMPANY NAME: City of Albany  
       ADDRESS: 1000 San Pablo  
       CITY/STATE: Albany C A 94706  
 -----  
 RP#2-CONTACT NAME: Jim De Voss  
       COMPANY NAME: General Services Agency  
       ADDRESS: 1401 Lakeside Dr.11th Flr  
       CITY/STATE: Oakland, C A 94612

INSPECTOR VERIFICATION:

NAME _____	SIGNATURE _____	DATE _____
------------	-----------------	------------

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes		
ANPPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____	

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY  
~~XXXXXXXXXXXX~~ Agency Director



470-27th Street, Third Floor  
Oakland, California 94612  
(415) 874-7237

December 29, 1986

Mr. William Haden  
City of Albany  
1000 San Pablo Ave.  
Albany, CA 94706

Dear Mr. Haden:

At your request on October 23, 1986, Mr. Rafat Shahid, Manager, Hazardous Materials, and Edgar Howell, Senior Hazardous Materials Specialist, visited the now closed Albany Landfill, Foot of Buchanan Street, Albany, with you..

At the time of visit, composite samples of specified areas were obtained and taken to the appropriate labs for analysis of asbestos, heavy metals and PCB's.

This site was a municipal landfill from its opening in 1965 until 1978, accepting municipal waste. In 1978, it became a Class III landfill and accepted only construction debris from that time until permanently closing, January 1, 1984.

The following table gives the results of the E.H. Lab for PCB & heavy metals.

<u>SAMPLE#</u>	<u>PCB</u>	<u>CHROMIUM</u> <u>TTLIC/STLC</u>	<u>COPPER</u>	<u>LEAD</u>	<u>NICKLE</u>	<u>SELENIUM</u>	<u>ZINC</u>
AL <sub>1</sub>	N.D.* <sup>1</sup>	150/NR* <sup>2</sup>	1600/27	220/9.5	430/12	0.05/N.R.	490/N.R.
AL <sub>2</sub>	N.D.	25/N.R.	35/0.44	1000/4.0	19/0.17	0.05/N.R.	660/N.R.
* <sup>1</sup> N.D.	None Detected						
* <sup>2</sup> N.R.	Not Run						
CAM Limits		2500/560	2500/25	1000/5.0	2000/20	100/1.0	5000/250

Sample AL<sup>1</sup> was a composite sample taken from six (6) locations on the lower terrace of the southern section of the bulb portion of the landfill, see exhibit A.

Sample AL<sub>2</sub> was a composite of soil and debris taken from construction waste piled on the site and noted as sites 7 and 8 on exhibit A.

The results of the lab indicate that the areas tested are free of PCB and asbestos, but the heavy metals in the composite sample taken and labeled A-1, exceed the STLC as set in 66699(b), Title 22, California Administrative Code.

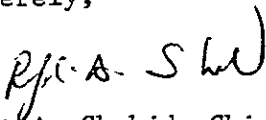
... William Haden  
City of Albany  
December 29, 1986  
Page 2 of 2

Further evaluation of the site should be completed prior to using the site for public purposes, assembly, restaurant park, etc.

Also, you should contact Regional Water Quality Control Board and BCDC, prior to initiating use of the site, as well as, the Solid Waste Authority in Alameda County.

If you have any questions, please contact Edgar B. Howell, Senior Hazardous Materials Specialist, at 874-7237.

Sincerely,



Rafat A. Shahid, Chief,  
Hazardous Materials Program

RAS:mnc

cc: RWQCB  
BCDC  
Solid Waste Authority, Richard Pantages

EXHIBIT "A"  
ALBANY LANDFILL REPORT

7

8

SA

CITY OF ALBANY  
PARCEL 1

PARCEL A  
PARCEL B

LIMIT OF WORK

LIMIT OF WORK

SANTA FE IMPROVI

PARCEL 1

PARCEL 2

CITY OF ALBANY  
PARCEL 2

EXHIBIT "A"  
ALBANY LANDFILL  
REPORT

