### LOP - RECORD CHANGE REQUEST FORM

printed: 05/11/95

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

Insp: SH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619

StID : 3752 LOC:

SITE NAME: City of Albany Corp. Yard ADDRESS: 507 San Gabriel St DATE REPORTED : 08/22/91 DATE CONFIRMED: 08/22/91

MULTIPLE RPs : N CITY/ZIP : Albany 94706

### SITE STATUS

CONTRACT STATUS: 4 PRIOR CODE: 3B1 EMERGENCY RESP: CASE TYPE: S

DATE COMPLETED: 03/16/92 RP SEARCH: S

PRELIMINARY ASMNT: C DATE UNDERWAY: 08/25/92
REM INVESTIGATION: DATE UNDERWAY: 10/24/94
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED: 08/30/92 DATE COMPLETED: 10/24/94

REMEDIAL ACTION: DATE UNDERWAY: POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED: DATE COMPLETED:

DATE ENFORCEMENT ACTION TAKEN: 03/16/92 ENFORCEMENT ACTION TYPE: 1

LUFT FIELD MANUAL CONSID: 2SA

DATE CASE CLOSED: 05/10/95 CASE CLOSED: Y

DATE EXCAVATION STARTED: 08/22/91 REMEDIAL ACTIONS TAKEN: ED

### RESPONSIBLE PARTY INFORMATION

\_\_\_\_\_\_\_

RP#1-CONTACT NAME: Ron Lefler

COMPANY NAME: City Of Albany ADDRESS: 1000 San Pablo Ave CITY/STATE: Albany, C A 94706

INSPECTOR VERIFICATION:					
NAME		SIGNATURE _			DATE
Name/Address	Changes Only	DATA ENTRY	INPUT:	Case	Progress Changes
ANNPGMS	LOP	DATE		LOP	DATE

### ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

03/22/95

UNDERGROUND STORAGE TANK CLEANUP SITE

INSPECTOR: SH AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL

StID: 3752 SUBSTANCE: 8006619 -Gasoline

SITE NAME: City of Albany Corp. Yard DATE REPORTED: 08/22/91 DATE CONFIRMED: 08/22/91 ADDRESS : 507 San Gabriel St

CITY/ZIP: Albany, CA 94706 MULTIPLE RP's : N

CASE TYPE: S CONTRACT STATUS: 4 PRIOR: 3B1 EMERGENCY RESPONSE:

RP SEARCH

DATE END: 03/16/92 PRELIM ASSESSMENT : U REMEDIAL INVESTIG : DATE BEGIN: DATE END: DATE END: DATE BEGIN: DATE END: REMEDIAL ACTION DATE BEGIN: POST REMED MONITOR: DATE BEGIN: DATE END:

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 03/16/92

### UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

CASE CLOSED: LUFT FIELD MANUAL CONSIDERATION: 2SA on:

DT EXC START: 08/22/91 REMEDIAL ACTIONS TAKEN:

RP COST: CONTACT: Ron Lefler Ph:

RP COMPANY NAME: City Of Albany ADDRESS: 1000 San Pablo Ave

CITY/STATE: Albany, C A 94706

ΔPeMENT:

Ms. Susan Hugo Alameda County Health Agency Department of Environmental Health 1131 Harbor Bay Parkway, 2nd Floor Alameda, CA 94502 October 25, 1994 Project No. 653.061

SUBJECT:

CORPORATION YARD - UNDERGROUND FUEL STORAGE TANK

507 San Gabriel, Albany, California

Reference:

Harlan Tait Associates, Preliminary Investigation and Evaluation Report,

Corporation Yard, Albany, California, dated October 9, 1992.

Dear Ms. Hugo:

In response to a February 11, 1992 letter from the Alameda County Department of Environmental Health to the City of Albany requesting further assessment of the site of a removed 250-gallon underground fuel tank, Harlan Tait Associates submitted the above-referenced report. On May 20, 1993, I had a telephone conversation with you regarding the findings of the HTA study. You stated that you had a discussion with Rich Hyatt of the RWQCB and it was decided to classify the Corporation Yard site as "No Further Action Required". You indicated that a letter would be written to confirm that status.

As of this date, the City of Albany has not received a letter from your office or the RWQCB regarding the site status. The City is in the process of transferring ownership and needs a letter on the underground fuel tank closure.

We request that you prepare a letter on the underground fuel tank closure status for the City of Albany. If you have any questions, please call the undersigned or Jason Baker at the City (510-528-5760). Thank you for your help in this matter.

Very truly yours,

HARLAN TAIT ASSOCIATES

David H. Connell Civil Engineer 24634

Expires 12/31/97

City of Albany, ATTN: Jason Baker

Land Planning Consultants, ATTN: Greg Mix

dhc:bjk

cc:

P\600\653-061.J01

May 27, 1992

STID 3752

DAMD / KEARS, Agency Director

4GENC.

FAFAT A SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Viaterials Division 30 Swan Way, Rm. 200 Cakland, CA 94621 (510) 271-4320

Mr. Ron Lefler City of Albany 1000 San Pablo Avenue

Albany, California 94706

RE: Underground Storage Tank Removal at City of Albany Corporation Yard - 507 San Gabriel Albany, CA 94706

Dear Mr. Lefler:

Enclosed are the following attachments to my May 12, 1992 letter: "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" and the Appendix A - Workplan for Initial Subsurface Investigation ( Proposal and Report Format) which were inadvertently misplaced.

The preliminary assessment to determine the extent of soil and/or groundwater contamination at the site should be designed in the format shown in "Appendix A" which is based on the RWQCB's guidelines.

Please complete the Unauthorized Leak Report (ULR) and submit it to this department within 5 working days.

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,

Susan L. Hugo

Susa L. Hugo

Senior Hazardous Materials Specialist

enclosures (2)

File

DAVID J. KEARS, Agency Director

**AGENCY** 

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

May 12, 1992 STID# 3752

Mr. Ron Lefler City of Albany 1000 San Pablo Avenue Albany, CA 94706

RE: Underground Storage Tank Removal at City of Albany Corporation Yard - 507 San Gabriel Albany, CA 94706

Dear Mr. Lefler:

The Alameda County Department of Environmental Health, Hazardous Materials Division, Local Oversight Program has reviewed the files concerning the removal of an underground storage tank on August 22, 1991 at the referenced site. We are in receipt of the Tank Excavation Report submitted by Semco for the subject site.

A composite sample collected from the stockpiled soil showed 560 ppm of Total Petroleum Hydrocarbon (TPH-gasoline), 400 ppb of benzene, 2,400 ppb of toluene, 4,300 ppb of ethyl benzene and 30,000 ppb of xylenes. The soil sample taken at the bottom of the tank excavation pit (10 feet depth) found non detectable level of TPH-gasoline, toluene and xylenes. However, 9ppb of benzene and 7 ppb of ethyl benzene were detected. Because of the degree of contamination found at the site which exceeded regulatory threshold levels, Regional Water Quality Control Board (RWQCB) requires further environmental assessment. Therefore, you must now complete an Unauthorized Release Report with this office and initiate further investigation and/or cleanup activities at this site.

A letter dated February 11, 1992 from this office requested that a preliminary site assessment (plan of correction) be submitted to this office in 30 days. We have not received this work plan.

This office will be the lead agency overseeing the environmental investigation and cleanup activities at the site. The RWQCB has delegated this authority to our office. However, you must keep the Water Board apprised of all actions taken to characterize and remediate contamination at the site, because the Board retains the ultimate responsibility for ensuring protection of the waters of the state.

A preliminary assessment should be conducted to determine the extent of soil and/or groundwater contamination that has resulted from the former leaking tank. The information gathered by this investigation will be used to assess the need for additional

Mr. Ron Lefler RE: 507 San Gabriel St., Albany 94706 May 12, 1992 Page 2 of 3

actions at the site. The preliminary assessment should be designed to provide all'of the information in the format shown in the attachment at the end of this letter, which is based on the RWQCB's guidelines. You should be prepared to install one monitoring well (within 10 feet downgradient of the former tank location), if you can verify the direction of groundwater flow at the site, and three wells if you can not established gradient direction of the groundwater.

Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). This reports must include information pertaining to further investigative results; the methods and costs of cleanup actions implemented to date; and the method and disposal of any contaminated material. Copies of manifests for such disposal must be sent to this office. Stockpiled soil from the pit may not be used to backfill the excavation without authorization from this office. Please provide our office with documentation of the stockpiled soil disposal.

Your work plan must be submitted to this office no later than June 26, 1992. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of the reports and proposals must also be submitted to:

Rich Hiett RWQCB, San Francisco Bay Region 2101 Webster Street, Fourth Floor Oakland, California 94612

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267(b). Any extensions of stated deadlines or changes in the work plan must be confirmed in writing and approved by this agency or RWQCB.

Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" which should be completed and returned within 5 working days.

Mr. Ron Lefler

RE: 507 San Gabriel St., Albany 94706

May 12, 1992 Page 3 of 3

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,

Susan L. Hugo

Senior Hazardous Materials Specialist

enclosures (2)

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health Rich Hiett, San Francisco Bay RWQCB Mark Thomson, Alameda County District Attorney's Office

File

# BILLING ADJUSTMENT FORM

Date: <u>3/v4/92</u> HazMat StID#: <u>375-2</u> Caller:	Phone:	•
Company Name: City of Albany		basal.
Site Address: 507 San Habriel	Ave Albany	94706
Requested Changes :	chy /	Иp
		Initials:
A Desired Dill with applanation and data (if	available):	
Rescind Bill with explanation and date (if		
Generator		
MUST Removed by -62	10:5 5/91	
X UST Fernous by to	-	
] Continue Billing With Following Change	, ,	
1 Continue Daning With Londoning Change	From: To	<b>:</b>
Change number of EMPLOYEES		,
Change number of TANKS		
Updated information		
Business Name	Ph	one:
CITE Addross		
SITE Address	City	Zip
BILLING Address	City	Zip
,	City	Ly
var V ,	• • • • • • • • • • • • • • • • • • • •	Sent to Billing
Inspector:	Date:	on 5/31/92
		Rev 12/91 Mac-BillAdj-2

### WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM SITE SPECIFIC QUARTERLY REPORT 01/01/92 THROUGH 03/31/92

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619

StID : 3752
SITE NAME: City of Albany Corp. Yard DATE REPORTED: 08/22/91
ADDRESS: 507 San Gabriel St. DATE CONFIRMED: 08/22/91
CTTV/7TD: Albany 94706 MULTIPLE RPs: N

SITE STATUS

CASE TYPE: S

CONTRACT STATUS: 2

EMERGENCY RESP:
DATE COMPLETED: 03/16/92

PRELIMINARY ASMNT: U

PATE UNDERWAY:

REM INVESTIGATION:

DATE UNDERWAY:

POST REMED ACT MON:

DATE UNDERWAY:

DATE COMPLETED:
DATE COMPLETED:
DATE COMPLETED:
DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1

LUFT FIELD MANUAL CONSID: 2,S,C,A

CASE CLOSED:

DATE ENFORCEMENT ACTION TAKEN: 03/16/92

DATE CASE CLOSED:

DATE EXCAVATION STARTED: 08/22/91 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION \_\_\_\_\_\_

RP#1-CONTACT NAME: Ron Lefler

COMPANY NAME: City Of Albany ADDRESS: 1000 San Pablo Ave CITY/STATE: Albany, C A 94706

FROM: Jennifer Eberle
SUBJ: Transfer of Elligible Oversight Case
site name: City of Albany Corp. Yard
Address: 507 San Gabriel city Albany zip 94706
Closure plan attached? (Y) N DepRef remaining \$ WWW 121.98
DepRef Project # 5064% STID #(if any) 3/52
Number of Tanks: removed? Y N Date of removal 8-22-91
Leak Report filed? Y (N) Date of Discovery 8-22-91
Samples received? (Y) N Contamination: Soi
Petroleum (Y) N Types: Avgas Jet leaded unleaded Diesel fuel oil waste oil kerosene solvents
Monitoring wells on site Monitoring schedule? Y N
Briefly describe the following:
Preliminary Assessment Tank Pull/Soil Sampling Report (vou'd 9-91)
Remedial Action N/A
Post Remedial Action Monitoring $N/A$
Enforcement Action $N/A$
comments: Composite soil sample had 560 ppm TPH g, 400 ppl Benzene 2400 ppl tolivene; 4,300 ppl ethylbenzene, + 30,000 pple xylenes.
· · · · · · · · · · · · · · · · · · ·

4/20/92 need to file UKR

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Division 80 Swan Way, Rm. 200 Oakland, CA 94621 (510) 271-4320

February 11, 1992

Mr. Ron Lefler, Director of Public Works City of Albany 1000 San Pablo Avenue Albany, CA 94706

AGENCY

RE: City of Albany, Corporation Yard, 507 San Gabriel Albany, CA

Dear Mr. Lefler:

I have reviewed the Tank Excavation Report that was prepared by Semco for the above site. A composite soil sample taken from the stockpile soil revealed 560 PPM TPH(g), 400 PPM Benzene, 2,400 PPM Toluene, 4,300 PPM EthylBenzene and 30,000 PPM Xylene. Gasoline odors from the backfill was detected during the underground tank removal. A subsurface investigation must commence to determine the lateral and vertical extent of contamination. This investigation must be performed in accordance to the Tri-Regional Board Staff Recommendations For Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990.

Please submit to this office within 30 Days of the receipt of this letter your plan of correction. This plan must include, but shall not be limited to:

- 1. Name of your environmental consultant
- Method(s) that will be used to determine the lateral and vertical extent of contamination
- 3. Method(s) that will be used to determine the down gradient direction
- 4. Number of monitoring well(s) that will be installed, and their proposed location(s)
- 5. Proposed time schedule for your investigation/remediation

If you have any questions, please contact me at (510) 271-4320.

Sincerely,

Larry Seto

Sr. Hazardous Materials Specialist

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

Eddie So, RWQCB

Charlene Williams, DTSC

Rafat Shahid, Assistant Agency Director, Environmental Health

Files

# Project Specialist (print)

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

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH 470 - 27th Street, Third Floor Telephone: (4.5) 874-7237 Oalland, CA 94612

local health laws. Changes to your plans maidaind but this These plans have been reviewed and found to be accookand essentially meet the roquirements of State and Department are to assure complance with State and Jocal isus the project proposed herein is now related for sev-

n or be submitted to this Department and to the Fire and One casy of these eccepted piens mist be on the ile and en 1 5 to all contractors and crafismen involved with A y thanks or elterations of these plans and specifications ands of any required builds of permits for construction Do ing Individue Doportment to determine his removal.

N with whis Department at loast 48 hours prior to the following required inspections. permit to operate is dependent on comrnos moor the requirements of State and local laws. Ramaval of Tank and Piping person is accepted plans and all applicable Figs Inspaction Sampling & to orrais!

UNDERGROUND TANK CLOSURE PLAN Complete according to attached instructions

1.	Business Name <u>CITY</u> OF ALBANY CORPORATION YARD
	Business OwnerCITY OF ALBANY
2.	Site Address 507 SAN GABRIEL
	<b>City</b> ALBANY <b>Zip</b> 94706 <b>Phone</b> 528-5759
з.	Mailing Address 1000 SAN PABLO AVENUE
	City ALBANY Zip 94706 Phone 528-5759
4.	Land Owner CITY OF ALBANY
	Address 1000 SAN PABLO AVE. City, State CA Zip94706
5.	Generator name under which tank will be manifested CITY OF ALBANY
	EPA I.D. No. under which tank will be manifested CAC000599152

6.	Contracto	r <u>SEMC</u>	:0				
	Address	1741	LESLIE STREET				
	CityS	AN MATEO	CALIFORNIA	944	02	Phone	572-8033
	License	Type A, B	,C-61/D-40	ID#	449864		
7.	Consultan	t N/A					
8.	Contact P	erson for	Investigation				
	Name <u>CH</u>	UCK KIPER		Tj	itle VI	CE-PRESI	DENT
	Phone	572-					
9.	Number of	tanks be	ing closed unde	r thic	י מו מי	1	
			eing removed un		_		
			nks at facility			·	
		oci oi ca	ins at facility		<del></del>		
10.	State Reg	istered H	azardous Waste	Fransp	orters/	Faciliti	.es (see
	** Underg	round tan	ks are hazardou: as hazardou:	s wast s wast	e and m	ust be h	andled **
	a) Produ	ct/Residu	al Sludge/Rinsa	te Tra	nsporte	r	
			PETROLEUM				AD <b>Q</b> 98065675128
			8 No. 1168			•	
			O. BOX 193			•	
	City	HILMAR		st	ate	CA Zip	95327
	b) Produ	ct/Residu	al Sludge/Rinsa	to Die	mes-1 a		
	Name	RAMOS EN	VIRONMENTAL	re DIS	PDN T	D No C	AD044003556
			515 SOUTH RIVER			. NO	
	City	WEST SACR	AMENTO	st	ate CA	Zip	
						•	

c) Tank	and Piping Transporter		
Nam	e ERICKSON, INC.	EPA I.D. No.	CAD 009466392
Hau	ler License No. 019		
Add	ress255 PARR BLVD.		
	Y RICHMOND	State CA Zi	94801 p
	and Piping Disposal Site		CAD009424302
	e ERICKSON, INC. ress 255 PARR BLVD.	EPA I.D. No.	CAD007488772
	YRICHMOND	State CA Zi	94801 p
11. Experien	ced Sample Collector		
	CHUCK KIPER		
Company	SEMCO		
Address	1741 LESLIE STREET		
City	SAN MATEO State CA		one572-8033
12. Laborato	ry		
Name	SUPERIOR ANALYTICAL		
Address	1555 BURKE UNIT I		
City	SAN FRANCISCO Sta	te CA	94124
State Co	ertification No. 1332 &	319	
13. Have tank	ks or pipes leaked in the pa	st? Yes [ ]	
		•	

14. Describe methods to be used for rendering tank inert HIGH PRESSURE HOT, WATER DETERGENT WASH

20 LBS PER 1000 GALLONS DRY ICE

FINAL PURGE WITH AIR

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		
Capacity	Use History (see instructions)	be sampled (tank contents, soil, ground- water, etc.)	Location and Depth of Samples	
250	GASOLINE	SOIL/WATER	2 feet below fill end of tank	

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

Excavated/Stockpiled Soil			
Stockpiled Soil Volume (Estimated) 1-2 CU YDS	Sampling Plan  SOIL SAMPLES TAKEN FROM THE EXCAVATED AREA WILL BE COLLECTED, PLACED IN BRASS TUBES, SEALED WITH FOIL, TEFLON CAPS AND SEALED WITH APPROVED TAPE, PLACED ON ICE AND TRANS PORTED TO A STATE CERTIFIED LAB UNDER CHAIN CUSTODY AND ANALYZED FOR THE CONSTITUENTS OF THE 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		S, or Other Preparation Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
				11:
Unleaded	Gas	TPH G GCFID(8 BTX&E 8020 or	5030) TPH G GCFII 8240 BTX&E 602 o	D(5030) r 624
		;		
	•			
				• • •

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

Sept and the second

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 Auk Liper
Date
Signature of Site Owner or Operator

JASON BAKER

Date

Name (please type)

### INSTRUCTIONS

### General Instructions

- \* Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
- \* Any cutting into tanks requires local fire department approval.
- \* One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.

### Item Specific Instructions

- 2. <u>SITE ADDRESS</u>
  Address at which closure is taking place.
- 5. EPA I.D. NO. under which the tanks will be manifested EPA I.D. numbers may be obtained from the State Department of Health Services, 916/324-1781.
- 6. CONTRACTOR Prime contractor for the project.
- 10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
  - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
  - c) Tanks must be hauled as hazardous waste.
  - d) This is the place where tanks will be taken for cleaning.
- 15. TANK HISTORY AND SAMPLING INFORMATION
  Use History This information is essential and must be accurate.
  Include tink installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc...

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

·> • •

- 17. SITE HEALTH AND SAFETY PLAN

  A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
  - a) The name and responsibilities of the site health and safety officer;
  - b) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
  - c) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
  - d) Frequency and types of air and personnel monitoring to be used - along with the environmental sampling techniques and instrumentation. Include instrumentation maintenance and calibration methods and frequencies;
  - e) Specific personal protective equipment and procedures to be used by workers to protect themselves from the identified hazards. Also state the contaminant concentrations in air or other conditions - which will trigger changes in work or work habits to ensure workers are not exposed to high levels of hazardous chemicals or to other unsafe conditions;
  - f) Confined space entry procedures (if applicable);
  - g) Decontamination procedures;
  - h) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, security guards, etc.);
  - i) Spill containment and emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;

. . . .

- j) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- k) Page for employees to sign indicating they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

was a single for a

NOTE: These requirements are <u>excerpts</u> from 29 CFR Part 1910.120, Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the <u>complete</u> requirements of this Rule.

### 19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tanks and piping in addition to the ones being pulled.

### 20. DEPOSIT

A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

### 22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

- 9 -

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Description of sampling methods;
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;

. . . .

- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

- 10 -

Charles State Con-

# TABLE #2 RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

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HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA
	TEL DHS-LUFT EDB DHS-AB1803	TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFTD(3510)
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240	TPH G GCFID(5030) TPH D GCFID(3510  O & G 5520 C & F BTX&E 602, 624 or
	CL HC 8010 or 8240	8260 CL HC 601 or 624
•	ICAP or AA TO DETECT MET METHOD 8270 FOR SOIL OR PCB* PCP* PNA CREOSOTE	ALS: Cd. Cr. Ph. 2n Ni

<sup>\*</sup> If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

# EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

- 1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
- 2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
- 3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
- 4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
- 5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
- 6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
- 7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
- 8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. Standard Methods: 17th Edition, 1989, has changed the 503 series to 5520.
- 9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

MWH A	SOIL PPM	WATER PPB
TPH G	1.0	50.0
TPH D BTX&E	1.0	50.0
O & G	0.005	0.5
	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE		MODIFIE	ED PROTOCOL
<pre>≤ 10 ppm ≤ 5 ppm ≤ 1 ppm</pre>	(19%)	≤ 5 pr	om (10%) om (21%) om (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- 10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- 11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

### EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal

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from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

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# **SEMCO**

Oil Heating Engineering Division 1806 Leslie Street San Mateo, Calif. 94402 (415) 572-8033

# License No. 449864 A, B, & C-61

# SITE PLAN

SEMCO
General & Engineering Contractors
431 W. Hatch Rd.
Modesto, Calif. 95351
(209) 524-9653

SUBMITTED TO:	Job City of alling Corp Gard				
Olameda County					
	Address 507 San Calinel				
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<u> </u>	Phone Date				
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SAN GABRIEL					

## CERTIFICATE OF INSURANCE

9/25/90

HUDUCER

ISURED

R. L. Stewart Ins. Agency P.O. Box 1515 Oakdale, Ca. 95361

95351

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

### **COMPANIES AFFORDING COVERAGE**

COMPANY A

American Star Ins. Co.

COMPANY B

Fairmont Ins. Co.

COMPANY C

COMPANY D

COMPANY E

### **OVERAGES**

Semco

431 W. Hatch Rd.

Modesto, Ca.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

R —	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A ×	CLAIMS MADE : X OCCUR. OWNER'S & CONTRACTOR'S PROT.	AMS1~509826	10/1/90	10/1/91	GENERAL AGGREGATE PRODUCTS-COMP/OP AGG. PERSONAL & ADV. INJURY EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED. EXPENSE (Any one person)	1,000,000 1,000,000 50,000
AU	TOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS GARAGE LIABILITY				COMBINED SINGLE LIMIT  BODILY INJURY (Per person)  BODILY INJURY (Per socident)  PROPERTY DAMAGE  \$	
Ex	CESS LIABILITY  UMBRELLA FORM  OTHER THAN UMBRELLA FORM  WORKER'S COMPENSATION	00400744			AGGREGATE \$	
	AND EMPLOYERS' LIABILITY HER	80480741	9/5/90	9/5/91	EACH ACCIDENT S DISEASE—POLICY LIMIT S DISEASE—EACH EMPLOYEE S	1,000,000 1,000,000 1,000,000

ESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

All California Operations

### CERTIFICATE HOLDER

COUNTY OF ALAMEDA

### CANCELLATION

should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 10 days written notice to the certificate holder named to the left, but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives.

AUTHORIZED REPRESENTATIVE



### APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK

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		ENEWEO PERMIT MENDED PERMIT		) 07 TAN			( ) 09   URCHARGE)	DELET	E FROM	FILE (NO FEE)
I OWNER										
NAME(CORPORATION, INDIVIDUAL OR PUB CITY OF ALBANY	LIC A	SENCY)					PUBLIC AGENCY			( ) 03 LOCAL
STREET ADDRESS 1000 SAN PABLO AVE					CITY ALBANY			STAT	E	ZIP 94706
II FACILITY `										
FACILITY NAME CITY OF ALBANY CORPORATION YAR				I	R/FOREMA		VISOR			
STREET ADDRESS 507 SAN GABRIEL				NEARE BRIG	ST CROSS	STREET				
CITY ALBANY				COUNT					ZIP 94706	
MAILING ADDRESS 1000 SAN PABLO AVE.				CITY Albany				STAT		P 706
PHONE W/AREA CODE 415-528-5760		TYPE OF BUSING		HOITATE	(X) 02 O	THER C	ITY YARD			
NUMBER OF CONTAINERS RURAL AREAS ONLY : TOW				NSHIP	CP RANGE			SECTION		
III 24 HOUR EMERGENCY C	ONTA	CT PERSON	ļ							
DAYS: NAME(LAST NAME FIRST) AND PH FIRE DEPT. OFFICER ON DUT 415-528-		AREA CODE		NIGHT SAME	S: NAME(	LAST NA	ME FIRST) AND	PHONE	W/AREA	CODE
COMPLETE THE FO	LLON	NING ON A	SE	PARATE	FORM	FOR I	EACH CONTA	INE	R	
IV DESCRIPTION	<u>-</u> -				*			<del></del>		
A. (X) 01 TANK ( ) 04 OTHER:						CONTAINER NUMBER 1				
B. HANUFACTURER (IF APPROPRIATE):					YEAR MFG: C. YEAR INSTALLED 1974 (			( ) UNKNOWN		
D. CONTAINER CAPACITY: 280 G	ALLON	5 ( ) UNKNOWN	E.	DOES THE	CONTAIN	ER STOR	E: ( ) 01 WAST	E (X	) 02 PR	ODUCT
F. DOES THE CONTAINER STORE MOTOR ( ) 01 UNLEADED (X) 02 REGULAR									PPROPRI	ATE BOX(ES):
V CONTAINER CONSTRUCT	ION									
A. THICKNESS OF PRIMARY CONTAINMEN	T:	( )	GAU	IGE ( ) :	NCHES (	) CM	(X) UNKNOWN			
B. ( ) 01 VAULTED (LOCATED IN AN U	NDERGI	ROUND VAULT)	(X)	02 NON-V	ULTED (	) 03 U	NKNONN			
C. ( ) 01 DOUBLE HALLED ( ) 02 ST	NGLE I	NALLED ( ) 03	LIN	ED	<u></u>					
D. ( ) 01 CARBON STEEL ( ) 02 STA ( ) 06 ALUMINUM ( ) 07 STEE (X) 12 UNKNOWN ( ) 13 OTHER:	INLES	S STEEL ( ) O	3 FI	BERGLASS				) 05	CONCRE	TE

(09/25/85)

CONTAINER CONSTRUCTION										
E. ( ) OT RUBBER LINED ( ) O2 ALKYD LINING ( ) O3 EPOXY LINING ( ) O4 PHENOLIC LINING ( ) O5 GLASS LINING ( ) O7 UNLINED (X) O8 UNKNOWN ( ) O9 OTHER:										
F. ( ) 01 POLYETHLENE WRAP ( ) 02 VINYL WRAPPING ( ) 03 CATHODIC PROTECTION (X) 04 UNKNOWN ( ) 05 NONE ( ) 06 TAR OR ASPHALT ( ) 09 OTHER:										
VI PIPING										
A. ABOVEGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY (CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE										
B. UNDERGROUND PIPING: ' ( ) 01 DOUBLE-HALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY  (CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE (X) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE										
VII LEAK DETECTION										
( ) 01 VISUAL (X) 02 STOCK INVENTORY ( ) 04 VAPOR SNIFF WELLS ( ) 05 SENSOR INSTRUMENT ( ) 06 GROUND WATER MONITORING WELLS ( ) 07 PRESSURE TEST ( ) 09 NONE ( ) 10 OTHER:										
VIII CHEMICAL COMPOSITION OF MATERIALS STORED IN UNDERGROUND CONTAINERS  IF YOU CHECKED YES TO IV-F YOU ARE NOT REQUIRED TO COMPLETE THIS SECTION										
CURRENTLY PREVIOUSLY DÉLETE CAS# (IF KNOWN) CHEMICAL (DO NOT USE COMMERCIAL NAME) STORED STORED										
( ) 01 ( ) 02 ( ) 03										
( ) 01 ( ) 02 ( ) 03										
( ) 01 ( ) 02 ( ) 03										
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* CHECK STATE BOARD CHEMICAL CODE LISTING FOR POSSIBLE SYNONYMS										
IS CONTAINER LOCATED ON AN AGRICULTURAL FARM? ( ) 01 YES (X) 02 NO										
THIS FORM HAS BEEN COMPLETED UNDER THE PENALTY OF PERJURY AND, TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.										
PERSON FILING (SIGNATURE) PHONE W/AREA CODE										
FOR LOCAL AGENCY USE ONLY										
ADMINISTRATING AGENCY CITY CODE COUNTY CODE										
CONTACT PERSON PHONE W/AREA CODE										
DATE OF LAST INSPECTION IN COMPLIANCE PERMIT APPROVAL DATE TRANSACTION DATE LOCAL PERMIT ID #										

Alameda (	County Health Co	ane Senvices Agency	
	Department of Soveroume	Intal Health	
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