

THE FUEL OIL POLISHING COMPANY - BAY AREA

19336 SOLANO COURT • SONOMA, CA 95476 • (707) 935-1700



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Pending for ENHANCE, RE-VIVE,
PETRO-VIVE & RESTORE

FUEL OIL POLISHING CO. (FOPCO) SITE SAFETY PLAN UST REMOVAL

Project Location: 800 Buchanan Street
Albany, CA 94710

Job Name: Department of Agriculture

Site Phone: (415) 559-6058

Client: Herman Goritz
% Jones Operation & Maintenance
800 Buchanan Street
Albany, CA 94710
(415) 559-6058

BACKGROUND

This Site Safety Plan (SSP) establishes the general safety requirements necessary to protect the public, contractor employees, owner/operator, and properties involved in this project. This SSP shall be implemented immediately upon detection of contaminants, utilizing an approved vapor detector for the anticipated hazardous material/waste to which you may be exposed. Expected contaminants should be identified prior to the performance of any work.

FOPCO's HSC will be on-site during all field operations to verify adherence with the SSP. THE HSC will also coordinate all field activities with local and State Health and Safety representatives as needed.

The safety and protective measures described below shall be followed by all personnel within designated work area. All site personnel and visitors must read this SSP. This applies to contractor/owner/operator, visitors, and others designated by the HSC who enter a work area.

Adherence to applicable OSHA and EPA safety rules and regulations is also required.

FIELD WORK

The purpose of this project is to remove five (5) UST's and stockpile any contaminated soil removed in the vicinity of the previously removed underground storage tanks. A backhoe will be used to excavate the tanks and contaminated soil.

HAZARDS

Potential hazards onsite comprise open excavation, proximity to earth moving equipment, and exposure to explosive gasoline vapors.

LEVEL OF PROTECTION

Equipment to protect the body from contact with chemical hazards

has been categorized by the Environmental Protection Agency into levels A, B, C, & D. Level A equipment is used when the highest level of protection is needed; Level D equipment is used when minimum protection is needed. The chemical hazard associated with petroleum hydrocarbons is typically low and Level D protection (see equipment list below) is adequate. In case of high levels of contamination, an upgrade to Level C protection equipment may be advised. Level C and D equipment are listed below.

Level C Equipment

NIOSH/MSHA approved air purifying respirator, chemical resistant clothing, chemical resistant inner and outer gloves, chemical resistant boots with steel toe and shank, and hard hat.

Level D Equipment

Coveralls, gloves, chemical resistant boots or shoes with steel toe and shank, safety glasses or chemical splash goggles, and hard hat. Tyvex overalls and Solvex or equivalent gloves are recommended.

EQUIPMENT REQUIRED FOR THIS PROJECT

Normal work clothing and safety glasses may be worn for site excavation work. Wear neoprene boots if walking in the excavation or in or around waste soils. Surgeon's gloves, neoprene boots, and safety glasses are required when sampling. Upgrade to Level C includes the addition of full face NIOSH/MSHA approved air purifying respirator with organic vapor cartridges.

A First Aid Kit, fire extinguisher, and combustible gas indicator are also required. The combustible gas indicator is to be used to monitor air in breathing zone. Readings above 100 ppm are cause for concern. Continuous reading of 300 ppm above background in the breathing zone require use of 1/2 face respirator. Readings of 300 ppm in the breathing zone require an upgrade to Level C.

The combustible gas indicator is to be used continuously during all excavation activities. If more than 20 percent of the lower explosive limit (LEL) is measured in the area of the excavation, proceed with caution. If more than 50 percent LEL is measured in the area of the excavation, provide ventilation of the area.

EQUIPMENT DECONTAMINATION

Neoprene gloves, respirator, hard hat, and boots will be washed with soap and water, rinsed with deionized water, and allowed to air-dry. Organic vapor/acid gas cartridges will be disposed of properly.

A hi-pressure hot water washer will be onsite and, if necessary, earth moving equipment exposed will be pressure washed with hot water and a TSP solution, and the rinsewater recovered and disposed of as liquid hazardous waste.

SITE RESOURCES

Toilet, drinking water, and telephone facilities are available onsite.

EMERGENCY EQUIPMENT

Eyewash, emergency rinse water, first-aid kit, fire extinguisher, and a supplied-air breathing apparatus will be carried in company vehicle onsite.

TELEPHONE NUMBERS

Ambulance:	911
Police:	911
Fire Department:	911 or (415) 528-5770 Fire Marshall (415) 528-5775
Hospital:	Herrick Hospital 2001 Dwight at Shattuck Berkeley, CA 94704 (415) 845-0130
Client contact:	(415) 559-6058 Herman Goritz
Poison control center:	(800) 233-3360 (415) 821-8324
Project Manager: (HSC)	Tom Ramsey Office: (707) 935-1700 Mobile: (415) 265-2034
Project Geologist:	N/A

EMERGENCY ROUTE: Map Attached

PROJECT PERSONNEL LIST AND SAFETY PLAN DISTRIBUTION RECORD:

FOPCO Employees:

All project staff must sign, indicating they have read and understand the safety plan. A copy of this safety plan must be made available for their review and readily available at the job site.

<u>Employee Name</u>	<u>Date of H&S Training</u>	<u>Date Distributed</u>	<u>Signature</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Contractors and Subcontractors:

Copy of safety plan shall be provided to contractors and subcontractors who may be affected by activities covered under the scope of this safety plan. All contractors and subcontractors must comply with applicable OSHA, EPA, and local government rules and regulations.

<u>Firm Name</u>	<u>Contact Person</u>	<u>Date Distributed</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

HEALTH AND SAFETY MEETING

All personnel participating in the project must receive initial health and safety orientation. Thereafter, a brief tailgate safety meeting is required before beginning work each day.

<u>Date</u>	<u>Topics</u>	<u>Attendant</u>	<u>Firm Name</u>	<u>Employee Initials</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

VISITOR LOG

It is FOPCO policy that any visitor must furnish his/her own personal protective equipment. All visitors are required to sign the visitor log and comply with the safety plan requirements.

<u>Name of Visitor</u>	<u>Firm Name</u>	<u>Date of Visit</u>	<u>Signature</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____