

# PLAN REVIEW LOG

JOB # - **P11-0135** File \_\_\_\_\_

Date Submitted  
Feb 4, 2011  
Date Assigned  
Feb 4, 2011

Job Site  
1839 Foothill Blvd.

Company Name  
Sierra West Consultants,  
Inc.

Type of Plans  
UST

Disposition

Pick Up/Mailed Date

Company Phone #  
916-863-3220

Reviewer  
Skillern

Pick up person

Pick up person Phone #

Resubmitted  
 Yes  No

Resubmitted Dates

1st  3rd  
 2nd  4th

- 1.) \_\_\_\_\_
- 2.) \_\_\_\_\_
- 3.) \_\_\_\_\_
- 4.) \_\_\_\_\_

Contact Person  
Jeffrey C. Bensch

Fees Paid  
Yes

Expedite/After Hours  
 Yes  No

Fees Paid Date  
Feb 4, 2011

Reviewed Dates

Amount of Time

- 1.) \_\_\_\_\_
- 2.) \_\_\_\_\_
- 3.) \_\_\_\_\_
- 4.) \_\_\_\_\_

Review Complete Date

**Plan Check Fees (NO inspections included)**

*Submittal/Resubmittal, full price for each system*

- a. Sprinkler System/Zone
- b. Standpipe System
- c. Underground Main
- d. Fire Pump System
- e. Fire Hydrant
- f. FM 200, Halon, gas suppression system
- g. Dry chemical suppression system
- h. Spray Booth Installation

- 243.00
- 243.00
- 243.00
- 243.00

Units

Subtotal

*Expedited plan check fee (a-h) min 2.0 hr (FP Engineer)*

- i. Evacuation Plans
- j. Fire Alarm System
- k. Range Hood & Duct Suppression System

- 243.00
- 243.00
- 243.00
- 243.00
- 352.00
- 243.00
- 243.00
- 243.00
- 352.00

*Expedited plan check fee (i-j) min 2.0 hrs (Fire Inspector)*

**Inspection Fees**

- a. Inspection, \$150.00/hour
- b. Reinspection, \$150.00/hour
- c. After Hours Inspection (\$225.00 x 2.5 hrs/min) \$225.00 p/hr after min

- 150.00
- 150.00
- 562.50

**Tank Permit Fees/CUPA**

- a. Removal, 1st Tank (\$243.00/hr x 2.5 hrs min + inspection \$150.00)  
\$150.00 each additional tank
- b. Installation, 1st Tank (\$243.00/hr x 2.5 hrs min. plus inspection \$599.00)  
\$150.00 each additional tank

- 757.50
- 150.00
- 1206.50
- 150.00
- 150.00

c. Modifications: \_\_\_\_\_

**Other Fees**

Consultation Fee / FP Engineer time (\$243.00/hr)

- 243.00

Permitting Permit Fire Code Review - 65% of Building Permit Cost:



Comments

Application for Underground Storage Tank Removal

Mailing Address

Sierra West Consultants, Inc.

Date:

Check #

Amount Received:

2/4/2011	2235	\$1,207.50

**Total Amount Received:**

**\$1,207.50**

**Total Amount Due:**

**-\$1.00**

Billing Invoice Date:

Updated 3/31/08

**Total Cost**

**\$ 1,206.50**



**SIERRA WEST**  
CONSULTANTS, INC.

Environmental  
Engineering

Water  
Resources

Construction  
Management

Project  
Administration

March 2, 2011

Ms. Sheryl Skillern  
Oakland Fire Department  
Hazardous Materials Management Program  
250 Frank H. Ogawa Plaza, #3341  
Oakland, CA 94612



**Subject:** Updated Work Plan for Underground Storage Tank Removal  
Former F&M Auto Service UST Site  
1839 Foothill Boulevard  
Oakland, California 94606

**APPROVED**

Dear Ms. Skillern:

On behalf of Ms. Mary Wright, current property owner, and Mr. James Balsley, prospective property owner, (Owners) Sierra West Consultants, Inc. (Sierra West) is pleased to provide this updated work plan as partial fulfillment of the Oakland Fire Department's (OFD) notice to comply, dated May 19, 2010 for Permit No. 20-2178. This work plan incorporates comments provided by OFD in your letter dated October 28, 2010, and e-mail dated March 1, 2011.

The notice to comply required obtaining permits and removing the underground storage tanks (USTs), assessing the site, and cleaning any contamination found at the subject property (Figure 1). This work plan outlines the requirements to obtain permits and remove the USTs.

### 1.0 CURRENT UST STATUS

The USTs were used to store various grades of gasoline for a gasoline service station that is estimated to have been constructed sometime during the 1950's. The service station ceased operation in 1995 and an auto detailing service operated at the property from 1997 through 2001. The property has been unoccupied since 2001.

Prior to initiating field activities, Sierra West will work with the OFD to obtain information on the USTs, including installation dates, sizes, materials of construction, and any closure activities that may have been conducted. Absent of any additional information, the approximate tank locations are shown on Figure 2.

Two abandoned buildings are located on the property in the immediate vicinity of the USTs. As such, these buildings will need to be removed prior to removing the USTs. Given the age of the buildings, asbestos and lead-based paint surveys will be needed prior to any demolition work.

### 2.0 PROJECT PLANNING

Project planning includes conducting asbestos and lead-based paint surveys, preparing a health and safety plan, implementing erosion control measures, locating buried utilities and obtaining necessary permits.



Asbestos and Lead-Based Paint.

The asbestos survey will be conducted by a State of California certified asbestos consultant (CAC) in accordance with Bay Area Air Quality Management District requirements. The results will be provided in a written report containing the findings, including laboratory test results, locations of the asbestos containing materials (if any), and approximate quantities.

The lead-based paint inspection will consist of collecting chip samples and performing laboratory analyses. The results will be evaluated by a State-certified Lead Inspector/Assessor and be transmitted in a letter report.

Should the asbestos survey or lead-based paint inspection show positive results, then an abatement plan with specific protocols will be developed by the CAC for the demolition activities in accordance with local, State, and Federal regulations. These protocols will be incorporated into the scope of work and demolition contractor requirements.

Health and Safety Plan

Sierra West will prepare a health and safety plan for the building demolition and tank removals. Effective planning and procedures will be used to identify unsafe conditions and implement a proactive approach to site safety. The health and safety plan will be prepared in general accordance with requirements set forth in Title 29 of the Code of Federal Regulations, Part 1910.120 (29CFR1910.120) and Title 8 of the Code of California Regulations, Section 5192 (8CCRS192).

Erosion Control

The former F&M Auto Service property is relatively flat, nearly 100% paved with asphalt or concrete, and 0.9 acres in area. As such, erosion is expected to be minimal. Nonetheless, excavation activities are likely to occur during the rainy season and measures will be taken to limit erosion from disturbed areas and stockpiles.

The extent of disturbed area will be minimized by working on one building or UST at a time to the extent practical. As such, the maximum open excavation area is expected to be less than 1,000 square feet. Each disturbed area will have erosion control waddles placed at the downstream edge of the property and work activities will be stopped during precipitation events that cause runoff.

Permits and Buried Utilities

Building demolition permits will be obtained from the City of Oakland and Alameda County, and the Bay Area Air Quality Management District (BAAQMD) will be notified of the planned demolition and tank removal activities. An Underground Storage Tank System Closure Permit Application (Appendix A) will be submitted to the City of Oakland Office of the Fire Marshall. Tank removal activities will begin following receipt of the tank closure permit.

Underground Service Alert (USA) will be notified at least 48 hours prior to starting excavation work so that they can mark utilities in the vicinity of the work. An independent utility locator will also be contracted to locate buried utilities at the property.

**3.0 BUILDING DEMOLITION**

Given the age of the buildings, it is anticipated that approximately 15% of the waste materials will be disposed of as hazardous waste. Also based on the building ages, asbestos abatement measures for the structures are anticipated.





Utility disconnects will be provided to services that are not electrical or natural gas by cutting or capping lines or piping. Electrical or natural gas connections will be coordinated through the service providers.

Demolition will commence after the structures have been properly abated or signed off by the CAC as non-impacted. The structures will be razed in a manner that will enhance waste stream diversion. Segregation and handling protocols will be employed to maximize recycling opportunities.

Following abatement and building removal activities, the CAC will perform post-abatement testing to verify that no residual asbestos or lead-based paint materials are remaining. A PCM clearance will be provided for the site when the abatement work is completed.

A letter report will be prepared to document field activities, testing results, and disposal methods. The destination, method of reuse, recycling, or disposal of wastes, including the rationale for disposal, will be documented in the report. The name and address of the site will be included, as well as method of packaging of materials and wastes to comply with the local, state, and federal requirements. Copies of signed manifests, land disposal restriction forms, waste profile sheets, laboratory test results, photographs, and other pertinent information will be included in the letter report.

#### 4.0 TANK REMOVAL

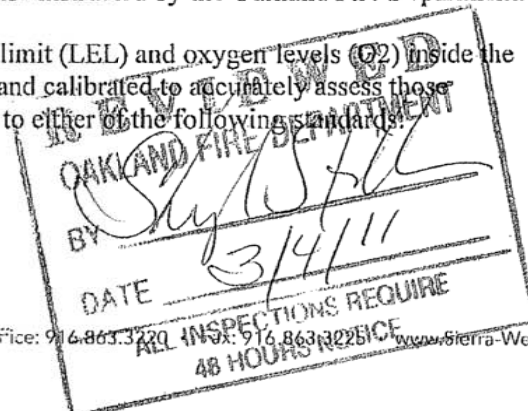
Sierra West will obtain the required tank removal permit from the OFD before proceeding with the work. Sierra West will also notify the Bay Area Air Quality Management District (BAAQMD). The work will be conducted in accordance with BAAQMD Regulation 8 Organic Compounds, Rule 40 Aeration of Contaminated Soil and Removal of Underground Storage Tanks (Appendix B).

Two fire extinguishers with a minimum rating of 20 BC will be maintained within 50 feet of work operations. A NO SMOKING sign will be posted at the Site. No welding or other ignition sources will be present during tank removal.

The tanks will be inspected to verify that no liquids are present. If present, liquids and sludge will be removed to the greatest extent possible with a system pump and hand pump. The tanks will be triple-rinsed. All liquids removed from the underground storage tanks including rinsate are considered hazardous waste and will be handled and disposed of appropriately. After triple rinsing, all tanks will be temporarily purged of flammable vapors with solid carbon dioxide (dry ice) at a ratio of 25 pounds of dry ice per 1,000 gallons of tank volume. Dry ice will be deposited in all appropriate tank openings at least 1.5 hours prior to tank removal to insure sufficient purging and venting. Only dry ice will be used to purge vapors.

A photoionization detector (PID) will be used to evaluate the tank vapors. If hydrocarbon concentrations are greater than 5,000 ppm expressed as methane, then the Oakland Fire Department will be notified before continuing. The contaminated vapors shall be removed by vapor freeing or ventilation methods in accordance with BAAQMD regulations prior to excavation activities until hydrocarbon concentrations are less than 5,000 ppm expressed as methane, or as otherwise instructed by the Oakland Fire Department.

Immediately prior to tank removal, the lower explosive limit (LEL) and oxygen levels (O2) inside the tank will be measured with a metering device designed and calibrated to accurately assess those indicators. The tanks will be made inert or be degassed to either of the following standards:





- A. The concentration of flammable vapor will not exceed 10% of the LEL of the hazardous material, or
- B. The oxygen concentration will not exceed 5%.

A PID will be used to monitor the work area and the excavated soil for the presence of hydrocarbons. If impacted soils are encountered, then the BAAQMD will be notified and appropriate procedures will be followed to ensure compliance Regulation 8, Rule 40.

Excavated soil will be stockpiled on impervious material directly adjacent to or in the immediate vicinity of the tank excavation. The soils will be securely covered with a material impervious to inclement weather.

Depth to groundwater varies throughout the year between five and 15 feet below ground surface. Excavation activities prior to the rainy season may experience lower groundwater elevations than during the winter and spring months. As such, it is uncertain whether dewatering of the excavations will be necessary, although it is expected. Any groundwater removed from the excavations will be contained for profiling and appropriate disposal.

The excavations will be conducted in accordance with California Division of Occupational Safety and Health (Cal/OSHA) requirements. Shoring is not anticipated and it is expected that the excavations can have sloped sidewalls to maintain stability. Entrance into the excavations is not expected, although if necessary, confined space permitting will be required.

**5.0 SAMPLING AND ANALYSIS PLAN**

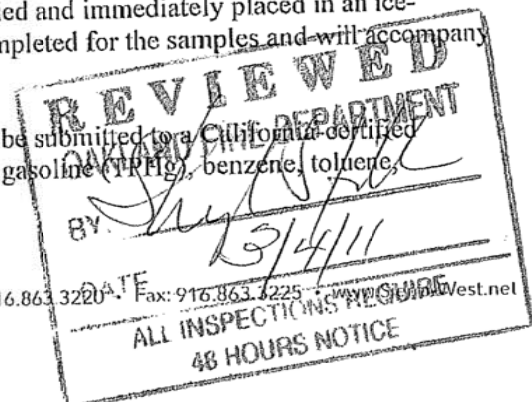
Soil samples will be collected from the excavations to evaluate whether chemical impacts are present in the subsurface. A minimum of two soil samples will be obtained from the bottom of each excavation, one at each end of each tank, as well as selected sidewall samples if determined necessary in the field. Approximately two feet of native soil will be removed prior to collecting the soil samples. If groundwater or staining is observed in the tank excavation, groundwater and/or additional soil samples may be required and will be collected as instructed by OFD personnel. If piping is present, soil samples will also be collected every 20 feet along the piping and at pipe fittings.

Soil samples from the UST excavation will be brought to the surface using a backhoe or excavator and will be collected by field personnel from the backhoe or excavator bucket. Soil samples from beneath piping (if applicable) will be obtained with the backhoe/excavator or alternatively by hand augering to the appropriate depth. Soil samples will be collected by driving a pre-cleaned, brass or stainless-steel sample liner into the soil until full. Following sample collection, the ends of the liner will be covered with Teflon® sheets, capped with polyethylene lids, and then sealed with duct tape.

If groundwater is present in the UST excavation, a sample will be collected for laboratory analysis. The grab groundwater sample will be collected using a disposable bailer or a dipper/sampler on an extension pole. Water samples will be placed in sample containers appropriate to the required analyses.

Once collected, the soil and groundwater samples will be labeled and immediately placed in an ice-cooled, insulated chest. A chain-of-custody record will be completed for the samples and will accompany the samples until receipt by the laboratory.

The soil sample(s) and groundwater sample (if collected) will be submitted to a California-certified laboratory to be analyzed for total petroleum hydrocarbons as gasoline (TPH), benzene, toluene,





ethylbenzene and total xylenes (BTEX), and methyl-tert butyl ether (MTBE) by EPA Method 8260B, and total lead by EPA Method 6010.

**6.0 CONTINGENCY FOR ADDITIONAL EXCAVATION**

If impacted soil is encountered in the tank excavation, additional excavations may be conducted, with approval from the Owners and OFD, to efficiently address residual contamination. In such case, BAAQMD would be notified and appropriate procedures would be followed to ensure compliance with BAAQMD Regulation 8/Rule 40.

**7.0 PROFILING AND DISPOSAL**

The emptied tanks will be rendered non-reusable while on-site. The removed underground storage tanks are considered hazardous waste and will be transported and disposed of accordingly. The tank will be transported under hazardous waste manifest to a state-permitted TSDF facility.

One composite soil sample from the stockpiled soil and one sample from collected groundwater will be analyzed and used for disposal evaluation. Samples will be analyzed using the methods listed in Section 5.0, and additional methods as needed to meet the profile requirements of the selected disposal facility. If the analytical results indicate that the tank contents and/or excavated soil are non-hazardous, then these materials will be transported to an approved landfill or treatment facility. A non-hazardous manifest or weight ticket from the receiving facility will be used to document the disposal. However, if the analytical results indicate that the tank contents and/or excavated soil are hazardous, then these materials will be transported under uniform hazardous waste manifest to an approved landfill or treatment facility.

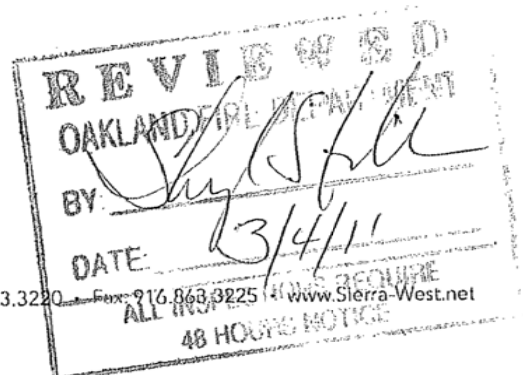
**8.0 EXCAVATION BACKFILL**

The tank excavation will be backfilled and compacted using clean imported backfill consisting of aggregate base, pea-gravel, or crushed rock. With OFD approval, excavated tank overburden material may be re-used for backfill if laboratory results are available and indicate that all analyzed constituents in the material are below applicable clean-up standards. The surface pavement will not be restored and the property will be left vacant for future redevelopment.

**9.0 REPORTING**

A tank closure report will be prepared documenting tank removal activities, conditions observed at the Site, and the soil and groundwater sampling methods and results. The report will include a written overview of procedures and activities, figures and tables as necessary for clarity of presentation, copies of chain-of-custody records and laboratory analysis reports, and copies of permits. Documentation of proper disposal activities will be also be provided in the report.

This work is anticipated to be conducted under a grant provided by the State of California through the Orphan Site Cleanup Fund (OSCF) program. As an initial step, approval of this work plan is required prior to completing the grant agreement. The Owners are prepared to begin work immediately following receipt of the OSCF grant. As such, your timely review and approval are appreciated.





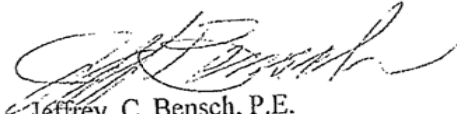


**SIERRA WEST**  
CONSULTANTS, INC.

Ms. Sheryl Skillern  
Oakland Fire Department  
March 2, 2011  
Page 6

If you have any questions, please contact Jeff Bensch at 916-863-3220.

Sincerely,  
**Sierra West Consultants, Inc.**

  
Jeffrey C. Bensch, P.E.  
Principal Engineer

Cc: Mary Wright  
James Balsley  
Marisa Rodarte, OSCF

Attachments

**REVIEWED**  
OAKLAND FIRE DEPARTMENT  
BY:   
DATE: 3/4/11  
ALL INSPECTIONS REQUIRE  
48 HOURS NOTICE  
FAX: 916.863.3225 [www.Sierra-West.net](http://www.Sierra-West.net)

CITY OF OAKLAND  
FIRE PREVENTION BUREAU  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, California 94612-2032  
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS  
In the CITY OF OAKLAND

Request Submittal Date: January 28, 2011  
PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place A

(a) Gasoline (b) Fuel oil (c) Diesel (d) \_\_\_\_\_ tank(s) and excavate, commencing:

(a) four feet inside the curb line\* (b) inside the property line (c) aboveground (d) underground tank(s)  
\*inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING

on the \_\_\_\_\_ South side of Foothill Boulevard St.Ave. 10 feet west of 19th St/Ave.

Site Address: 1839 Foothill Boulevard, Oakland, CA 94606 Present storage none

Owner: Mary Wright Address 1829 9th Avenue, Oakland, CA 94606 Phone 510-891-1395

Applicant: Sierra West Consultants, Inc. Address 4227 Sunrise Boulevard, Suite 220 Phone 916-863-3220  
Fair Oaks, CA 95628

Sidewalk surface to be disturbed X Number of Tanks 4 Capacity 1,000 Gallons ea.

Remarks Work is being performed pursuant to Oakland Fire Department Notice to Comply, dated May 19, 2010

Signature [Handwritten Signature]

PLEASE ATTACH/SUBMIT: (All applicants must have a City Business License Permit)

- (2) Copies of Closure Plans for underground tank removal (s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation and specifications
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. \_\_\_\_\_ Amt. Recv'd \_\_\_\_\_ Date Issued: \_\_\_\_\_

Copies to: Electrical Inspection ck# \_\_\_\_\_ Cash \_\_\_\_\_  
Receipt# \_\_\_\_\_ Recv'd by: \_\_\_\_\_

**REVIEWED**  
OAKLAND FIRE DEPARTMENT  
BY [Handwritten Signature]  
DATE 3/4/11  
ALL INSPECTIONS REQUIRE  
48 HOURS NOTICE



**FACILITY INFORMATION**

Facility/Residence Name Former F&M Auto Service UST Site Business Type Gas Station Abandoned  
 Site Address 1839 Foothill Boulevard City Oakland Zip 94606  
 Contact Person Jeff Bensch Title Project Manager Phone 916-863-3220  
 E-Mail jbensch@sierra-west.net Cell Phone 916-207-5706  
 Owner, Agency, or Corporation Name Mary Wright Phone 510-891-1395  
 Mailing Address 1829 9th Avenue City Oakland State CA Zip 94606  
 EPA ID Number In Process, see attached application  
 Note: Include "Proof of Financial Responsibility"  
 Letters of Administration and Tax Statement are attached

**CONTRACTOR REMOVING TANK(S) AND PIPING:**

Contractor Sierra West Consultants, Inc.  
 Contract Person Jeff Bensch Phone 916-863-3220  
 Business Address 4227 Sunrise Boulevard, #220 City Fair Oaks, CA Zip 95628  
 State Contractors License No. 863096  
 Note: Attach a copy of Contractors License, Hazardous Materials Certification, and  
 Workers Compensation

**HAZARDOUS WASTE HAULERS:**

Hazardous Waste Hauler, Tank(s) Element 26 Contracting, Inc. EPA ID # CAR000214775  
 Business Address 3480 Sunrise Boulevard, #250 City Rancho Cordova  
 Contact Josh Bryant or David Ferguson Phone 916-295-1130  
 Tank(s) and piping destination Schnitzer Steel (for recycling, Oakland, CA 94607)  
 Hazardous Waste Hauler (Rinsate) Safety-Kleen EPA ID # TXR000050930  
 Business address 1147 N. 10th Street City San Jose  
 Contact Joe Baker Phone 408-294-8778  
 Note: Include Hauler License No. 940594 License Exp. Date 12/31/2011  
 Rinsate Contractor: 130836 8/31/2011

**SAMPLE COLLECTION AND ANALYSIS:**

Sample Collector Jeff Bensch, or representative Company Sierra West Consultants  
 Address 4227 Sunrise Blvd #220 City Fair Oaks, CA Phone 916-863-3220  
 Soil/Water Analysis Laboratory Accutest Laboratories  
 State certification No. 08258CA Contact Simon Hague Phone 408-588-0200  
 Business Address 2105 Lundy Avenue City San Jose, CA Zip 95131

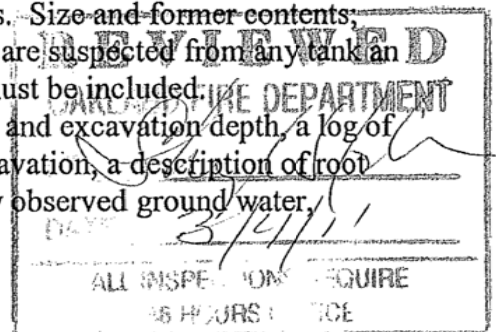
**TANK(S) INFORMATION**

TANK SYSTEM: SIZE (GALLONS)	TANK CONSTRUCTION	SUBSTANCE(S) PREVIOUSLY CONTAINED
TANK 1 <u>1,000</u>	<u>Steel</u>	<u>Gasoline or Diesel</u>
TANK 2 <u>1,000</u>	<u>Steel</u>	<u>Gasoline or Diesel</u>
TANK 3 <u>550</u>	<u>Steel</u>	<u>Gasoline or Diesel</u>
TANK 4 <u>Unknown</u>	<u>Steel</u>	<u>Gasoline or Diesel</u>

**REVIEWED**  
 OAKLAND HEALTH DEPARTMENT  
 BY: [Signature]  
 DATE: 8/4/11  
 ALL INFORMATION IS CONFIDENTIAL

**"PROCEDURES TO CLOSE UNDERGROUND STORAGE TANK(S) SYSTEMS"**

- 1) Submit to the City of Oakland Office of the Fire Marshal (OFM) three (3) completed **Underground Storage Tank System Closure Permit Application**. Prepare State Water Resources Control Board Facility and Tank Pages. These Forms are available from the OFM or you may download the forms by logging on to [www.unidocs.org](http://www.unidocs.org).
  - Include a complete **Tank Page** for each tank to be closed.
  - Include a complete **Facility Page** (if) tank to be closed is home heating oil, or non-regulated.
  - One complete copy of your approved plan must be at the construction site at all the times.
  - Any cutting into tanks requires OFM approval.
  
- 2) Include with the submitted application a check payable to the City of Oakland for the amount of the designated fee, workmen's compensation insurance verification, and plot plan drawing. The drawing consists of a scaled view of the facility which shows the tank(s) location and the following information:
  - Scale
  - North Arrow
  - Property Line
  - Location of structures near the tank(s)
  - Location of relevant existing equipment (including the tank(s) to be removed), associated piping, and fuel dispensers
  - Area Roadways
  - Underground conduits, sewers water lines utilities
  - Existing wells; drinking, monitoring, etc.
  - Depth of ground water
  
- 3) The OFM must be notified a minimum of 48 hours, two (2) days prior to commencement of work in order to schedule a removal inspection. The removal inspection appointment **must be confirmed with the district inspector**. A representative of the OFM must be present at the time of removal.
  
- 4) A site specific Health and Safety Plan must be submitted for review and available at the job site. Underground Service Alert must be contacted at 800-642-2444 prior to the start of any excavation.
  
- 5) A Tank Closure Report must be submitted within 30 days of removal/closure operations completed, containing a general description of the closure activities indicating:
  - Description of tank, fittings and piping conditions. ~~Size and former contents.~~ notes any corrosion, pitting, holes. If any leak(s) are suspected from any tank an unauthorized Leak/Contamination Report form must be included.
  - Description of the excavation itself. Include tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential pathways the depth to any observed ground water.



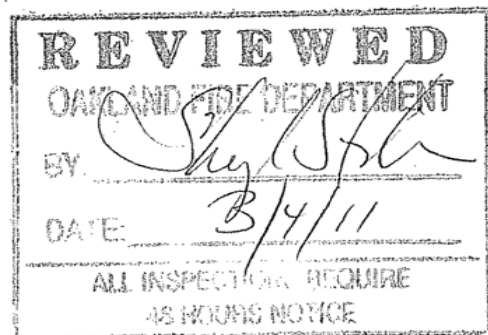
locations of stained or odor-bearing oil, and descriptions of any observed free product or sheen.

- Detailed description of sampling methods, i.e. – backhoe bucket, drive sampler, bailer, bottles, sleeves.
- Description of any remedial measures conducted at the time of removal.
- To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depth, and tank and piping locations include a copy of the plot prepared for the Tank System Closure Plan Permit Application under item # 2).
- Chain of custody records.
- Copies of signed laboratory reports.
- Copies of TSDf to Generator manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.).
- Documentation of the disposal of/and volume and final destination all non-manifested contaminated soil disposed offsite.

The Closure Report and conclusions are subject to critical review; and the report must be approved by the OFM to be recognized as valid.

6) An additional hourly fee will be charged for inspection time exceeding four (4) hours.

The listed items are general closure requirements, modifications may be necessary in certain situations. A deficient application or incomplete information will only cause a delay in the permit process, if you have any questions or need assistance call the OFM at (510) 238-3927. The Underground Storage Tank System Closure Permit **expires 365 days** from the approval date. If the tanks have not been closed/removed within **365 days**, a new closure permit application and fees are required. The closure/removal activities must be scheduled **48 hours** in advance.



**Applicant Declaration:**

I certify the application information is correct and factual. I declare that I have read and will follow the "procedures to Close Underground Storage tank(s) Systems." I further agree to comply with all applicable City of Oakland Ordinances; Fire Code; Health and Safety Code Chapter 6.7; Title 23, California Code of Regulations.

Applicant JEFFREY C. BENSCH Applicant *Jeff Bensch* Date 1/28/11  
Print Signature

"This box for OFM use only"

Comments \_\_\_\_\_

**APPROVED**

Inspectors Signature \_\_\_\_\_

*Shyl Stik*

Approval Date \_\_\_\_\_

3/4/11

**REVIEWED**  
**OAKLAND FIRE DEPARTMENT**  
BY: *Shyl Stik*  
DATE: 3/4/11  
ALL INSPECTIONS REQUIRE  
48 HOURS NOTICE