Livermore-Pleasanton Fire Department

3560 Nevada St., Pleasanton, 94566
(925) 454-2361 Fax; (925) 454-2367

UNDERGROUND TANK CLOSURE PLAN

General Information

1. Name of Business: _____
   Site Address: _____
   Tank Owner/Operator Contact Person: _____ Phone: _____
   EPA ID #: _____

2. Property Owner: _____
   Owner Address: _____
   _____

3. Tank Removal Contractor: _____

   Address: _____
   Phone: _____ License Type: _____ ID #: _____

4. Required attachments:

   - ❑ Worker's Compensation Certificate copy
   - ❑ Plot Plan
   - ❑ State "Facility" and "Tank" forms (one two page "Tank" form for each UST removed)
   - ❑ Pleasanton: Check payable to the City of Pleasanton
     Livermore: Check payable to the City of Livermore
   - ❑ Business License

TANK INFORMATION

5. Tanks to be closed:

Tank No.	Tank Size (gallons)	Tank Contents (including both current and former, if different)	Materials of construction	Age of Tank
1				
2				
3				
4				
5				
6				

6. Total number of underground tanks at this facility (prior to this closure): _____

7. Length of piping being closed under this plan: _____

8. Have tanks or pipes leaked in the past?
   - ❑ Yes. Describe: _____
   - ❑ No
   - ❑ Unknown

Management of Tanks

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. Piping must be disposed of as hazardous waste unless approved alternative method used. Inaccessible piping must be permanently plugged. It is the contractor's responsibility to bring a working combustible gas indicator on site to verify that the tank is inert. Tanks cannot be removed from the ground unless the LEL is < 20% and the O_2 is <8 %. **The meter must be calibrated in the fire inspector's presence.**

A. Tanks to be managed as NON Hazardous Waste:
A supplemental plan must be attached to this plan demonstrating how the requirements of California Code of Regulations Title 22, Chapter 32 Management of Tanks, Sections 67383.1 – 67383.5 will be satisfied.

B. Tanks to be managed as Hazardous Waste:
Dry ice must be placed in the tank in an amount not less than 22.2 pounds per 1000 gallons of tank capacity. Other methods must be approved on a case by case basis by the Fire Department.

9. Methods to be used for rendering tank(s) inert:

   - ❑ Cleaning (See attached supplemental information
   - ❑ Dry ice (22.2 pounds per 1000 gallons tank volume)
   - ❑ Other _____

Sample Collection and Analysis

10. Sample Analysis

	TPHG	TPH D	BTX&E	Lead	CL Hydro	O&G	EPA 8270	pH	MTBE 8260	Other (specify)
Tank 1										
Tank 2										
Tank 3										
Tank 4										
Tank 5										

One soil sample must be collected for every 20 linear feet of piping that is removed. An underground water sample must be collected if any ground water is present in the excavation. Two soil samples must be collected at each end of the underground tank in native soil (one sample for tanks less than 1,000 gallons).

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting if odors are present.

11. Sampling plan for stockpiled soil: _____

12. Will the excavated soil be returned to the excavation immediately after tank removal?

    If yes, explain reasoning: _____

Please be aware that excavated soil may not be returned to the excavation without prior approval .

ADDITIONAL CONTRACTOR/CONSULTANT INFORMATION:

13. **Product/Residual Sludge/Rinsate Transporter**

Name: _____ EPA ID#: _____
Hauler License #: _____ License Exp. Date: _____
Address : _____
_____

14. **Product/Residual Sludge/Rinsate Disposal Site**

Name: _____ EPA ID#: _____
Address : _____
_____

15. **Tank & Piping Transporter**

Name: _____ EPA ID#: _____
Address : _____
_____

16. **Tank & Piping Disposal Site**

Name: _____ EPA ID#: _____
Address : _____
_____

17. **Sample Collector**

Name: _____ EPA ID#: _____
Address : _____
_____

18. **Laboratory**

Name: _____ EPA ID#: _____
Address : _____
_____

CLOSURE REPORT:

A final closure report must be submitted within 60 days of tank closure which describes the closure activities, presents the sample analysis results including copies of lab reports and chain of custody, and documents the final disposal of waste materials, tanks, and piping including one copy of the waste manifests.

Questions for the Fire Department can be addressed to Paul Smith (925-454-2339, psmith@lpfire.org), John Rigter (925-454-2337, jrigter@lpfire.org), Danielle Stefani (925-454-2338, dstefani@lpfire.org)