

**Technology, Engineering & Construction, Inc.
dba TEC Accutite, Inc.**

**35 South Linden Avenue
South San Francisco, CA 94080
Phone: (650) 952-5551 FAX: (650) 952-7631**

Contractor's License #762034

WWW.TECACCUTITE.COM



LETTER OF TRANSMITTAL

TO:
ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL
HEALTH
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577

DATE:	8/13/2003
JOB NO.	
ATTN:	ROBERT WESTON
RE:	1043 W. MACARTHUR BLVD. EMERYVILLE

GENTLEMEN:

WE ARE SENDING YOU:

Attached Under separate cover via _____

Copies	Date	Description
3 EACH		UST SYTEM CLOSURE PERMIT APPLICATION
3 EACH		UNDERGROUND STORAGE TANKS - FACILITY, PAGE 1 & 2
3 EACH		CHECK NO.11994 IN THE AMOUNT OF \$1,325.00
3 EACH		SITE MAP
3 EACH		CERTIFICATE OF INSURANCE
3 EACH		CONTRACTORS LICENSE
3 EACH		SITE SAFETY PLAN
3 EACH		TANK REMOVAL WORKPLAN
3 EACH		TANK REMOVAL SOIL SAMPLING PLAN, BACKFILL/RESURFACING
		PLAN & CONTAMINATION PLAN

For approval For your use As requested For review & comment

FOR BIDS DUE: _____

REMARKS:

Copy to: file

SIGNED: C.F. TITUS



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TANK REMOVAL WORKPLAN

1. Prepare site specific health and safety plan per OSHA guidelines. Give to workmen on site for their use during the project.
2. Mark out area to be excavated in white per State law for USA to come out and mark the underground utilities. USA to be notified 3 days in advance of digging.
3. Pump out any product remaining in the UST in drums on site for disposal by gasoline recycling company.
4. Break the concrete over the tank and offhaul to the concrete recycler.
5. Excavate to remove the UST.
6. After tank is "loosened" in the excavation, tilt to one end to further remove all the product from the tank. Triple rinse tank with water and store water in drums for disposal.
7. Inert the UST with 30 pounds of dry ice per 1,000 gallons. Minimum 50 pounds of dry ice. The dry ice inerts the tank by forcing any flammable vapors out through the openings in the top of the tank.
8. Prior to removal, check the tank with a Gastech LEL machine for the presence of flammable vapors and oxygen. If the LEL is below 10% and the oxygen below 10%, the tank can be safely removed and placed onto a truck bound for ECI in Richmond.
9. Haul tank to ECI in Richmond, CA under a hazardous waste manifest.
10. ECI in Richmond, CA may steam clean the tank and scrap it.
11. Immediately after the tank removal, collect one soil sample from under the tank and analyze per guidelines for gasoline constituents.
12. Collect a water sample in the event that there is water in the excavation and analyze per constituents petroleum hydrocarbons.
13. Collect composite sample as needed from the stockpiled soil excavated during the tank removal and analyze per guidelines for waste constituents petroleum hydrocarbons.
14. Import fill material to replace the volume of the tank and compact. In the event that the excavated soil is contaminated, then we will stockpile on site and cover with visqueen and import soil to backfill the hole. If left open, fence off open hole.
15. Offhaul contaminated soil for disposal at a Class II landfill.
16. After confirmation soil sample results are obtained, we will seek approval from the Toxics Division to re-concrete the excavated area. In the event that the bottom of the excavation is contaminated, we will provide a proposal to overexcavate the area and backfill with imported soil.

TANK REMOVAL

**1043 WEST MACARTHUR BLVD.
EMERYVILLE, CA**

SOIL SAMPLING PLAN

Tec/Accutite will take one (1) soil sample from under the tank and one (1) soil sample from stockpile to be analyzed for Volatile Organics and Fuel Oxygenates by EPA Method 8260. these soil samples will be analyzed by a State Department of Health Service certified laboratory (North State Labs), on a five (5) working day turnaround. The County of Alameda Health Agency may require additional soil and or water samples and/or analysis or different turnaround times.

BACKFILL/RESURFACING PLAN

The excavation will be backfilled and compacted on the same day with excavated material and imported material equal to the volume of the tank and in-ground lift. If compaction and settlement are a concern, special arrangements could be made. TEC/Accutite will resurface the sidewalk (tank) 6' x 6'-4" and backfill and resurface with concrete, (in-ground lift) area 2' x 2'-4", after soil sample results are obtained.

CONTAMINATION PLAN

In the event contamination is encountered and if Client/County elects not to backfill the excavation up to grade with excavated and imported material, TEC/Accutite will then stockpile the excavated soil neatly on-site and cover with Visqueen. Open excavation will be secured until soil sample results are obtained.

REPORT

TEC/Accutite will provide a report describing the tank and in-ground lift removal job, a plan sketch of the location, (a hard copy of the analysis results and the chain of custody form, (if sampling is performed) within twenty (20) working days after the removal to the Client and County.