

September 11, 1989

Contract #: TCR10044

Tom Sheehan
Goldsmith and Lathrop
2000 Powell Street Suite 1660
Emeryville, CA 94608

RE: TANK CLOSURE BY REMOVAL

K.T.W. & Associates is pleased to submit this proposal for provision of construction and environmental consulting services associated with *underground tank closure at the Emeryville site*. The tank closure and removal will be performed by K.T.W. & Associates in compliance with State of California Underground Storage Tank Regulations and the City of Emeryville. K.T.W. & Associates will supervise the tank closure, collect soils samples from the tank excavations, submit the samples to a California State certified laboratory, and prepare a detailed tank closure report.

SCOPE OF WORK

The proposed scope of work provides for closure plan preparation, permitting assistance, construction services and environmental sampling, and agency reporting associated with the closure program. The objective of the scope of work is to ensure that the tank closure proceeds in accordance with local, state, or federal environmental laws and regulations pertaining to underground tank closures.

Closure Plan and Permitting

A closure plan and permit application for removal of underground tanks will be completed and submitted to the City of Richmond. Tank closure will comply with the Underground Storage Tank regulation, California Code of Regulations (CCR) Title 23, Subchapter 16, the RWQCB Recommendations for Initial Evaluation and Investigation of Underground Tanks (June 1988) and local guideline specified in Alameda County Health Care Services protocol.

K.T.W. & Associates will obtain all permits required for tank closure and all associated tasks. The owner will be assisted in obtaining the necessary permits for hazardous waste manifesting, transport and disposal.

Tank Closure and Soil Sampling

One (1) two thousand gallon gasoline tank, will be removed from the underground area of the property. This work will comply with the requirements of the city and county.

K.T.W. & Associates will provide environmental sampling services during the closure of the underground tanks. A California Registered Geologist will observe the closure activities to confirm that appropriate guidelines are satisfied. The K.T.W. staff will collect two soils samples from each tank excavation for a total of two (2) soil samples. Each sample will be collected in precleaned brass tubes. Once samples are recovered, the brass tubes will be sealed and labeled per accepted protocols and placed on blue ice or dry ice for shipment to a California Department of Health Services (DHS) certified analytical laboratory. Sample collection, preservation, and chain of custody protocol will be detailed in the closure plan.

Soil samples will be analyzed on an accelerated basis (24 hour turnaround) for TPH-G and BTX & E. Results will be verbally transmitted to the field supervisor to expedite excavation and backfill. The geologist will monitor soil hydrocarbon levels visually (i.e. staining of soils) and with a portable on-site photoionizing gas detector.

The client will be notified prior to any additional excavation and, after confirming laboratory analysis, K.T.W. & Associates will consult with the client on proper remediation methods. However, the client will be

responsible for signing required hazardous wastes manifests for transport and disposal of tank cleaning rinsate, tanks, and any contaminated soil encountered. Backfill material will be inspected prior to emplacements.

This project is bid with the assumption that the overburden materials removed during excavation will be incorporated as backfill if field observations indicate a low probability of contamination.

Closure Reporting

A Closure Report will be prepared to document site closure activities following completion of all closure activities. The report will describe site activities and observations.

1. The condition of excavated tanks.
2. The condition of tank backfill and other subsurface materials
3. Sampling procedure, locations, and depths
4. Laboratory analytical procedures and certified analytical results
5. Chain of custody documentation
5. Certificates of disposal for storage tanks
7. Copies of hazardous waste manifest

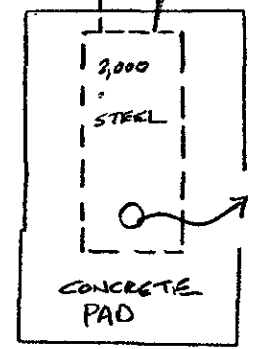
Modifications to closure specifications will be documented, and data pertaining to compaction testing will be provided where applicable.

Release Reporting

In the event that an unauthorized release is encountered, the owner shall be assisted in ensuring that regulatory agencies are notified, as appropriate. An "Underground Storage Tank Unauthorized Release Form" will be submitted within five (5) working days after the discovery of the unauthorized release. A work plan will be prepared in accordance with RWQCB guidelines to address additional site mitigation measures, if any.

- ① FENCE CONSTITUTES PROPERTY LINE
- ② DEPTH TO GROUNDWATER < 12 FEET
- ③ NO UNDERGROUND OBSTACLES
- ④ NO WELLS ON SITE
- ⑤ NO OTHER ADDITIONAL TANKS
- ⑥ NTS
- ⑦ VENT LINE & PRODUCT LINE TO BE REMOVED, AS WILL PUMP

ASPHALT

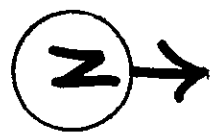


FILL PUMP

22'

SHELL MOUND AVENUE

GOLDSMITH-LATHROP
5813-15 SHELLMOUND
EMERYVILLE, CA



WAREHOUSE