County of Santa Cruz

HEALTH SERVICES AGENCY

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073

(831) 454-2022 FAX: (831) 454-3128 TDD: (831) 454-2123

ENVIRONMENTAL HEALTH **www.co.santa-cruz.ca.us/eh/ehhome.htm**

M E M O R A N D U M

RE: Underground Storage Tank System Closure Packet

FROM: Environmental Health Service (EHS)

This packet contains information that you will need in order to apply and receive approval for closure/removal of your underground storage tank(s) and piping. It includes the following:

1. Local Guidance Letter (LG 48-5) (information).
   The contractor shall have a current copy of their license(s) and Hazardous Substance Removal Certification on file with Environmental Health.

2. Underground storage tank closure policy (information).

3. Soil and Water Sampling Guidelines (information).

4. Contractors list (information).

5. Application for Permit to Remove/Safeguard Underground Hazardous Materials Storage Tank (complete and return).

6. Licensing and Workers Compensation Insurance - Declaration Form (complete and return).

7. Guidelines for the preparation of a Site Safety Plan (Prepare & Submit).

Please read the information carefully. In order to avoid unnecessary delays in approval be sure to completely fill out the application for permit, the compensation/declaration form and the Site Safety Plan, before submitting to EHS. Failure to provide the necessary information will result in the Denial of your application.

If you require additional assistance feel free to contact this office at (831) 454-2022 any weekday between 8:00 a.m. & 9:30 a.m.

FEE SCHEDULE

Closure Fee $_____. Plus Each Underground Tank $_____)
(covers costs if closure is clean)

If contamination is discovered as part of your tank removal you will be charged for additional expenses incurred by the Department for follow-up at the prevailing hourly rate, currently $_____ per hour.

Enclosures

LG 48-5 - CONTRACTORS' LICENSING AND CERTIFICATION REQUIREMENTS FOR INSTALLATION, REMOVAL, AND UPGRADE OF UNDERGROUND STORAGE TANKS

June 14, 1998

To: Local Agencies and Interested Parties

LG 48-5 CONTRACTORS' LICENSING AND CERTIFICATION REQUIREMENTS FOR INSTALLATION, REMOVAL, AND UPGRADE OF UNDERGROUND STORAGE TANKS

This letter combines and updates LG 48-4 with LG 75-3, "Licensing Requirements for Hazardous Substance Removal and Remedial Action." Together, this letter serves to provide contractors' licensing and certification requirements for installation, removal, or upgrading of USTs. This update covers:

1. licenses required to apply interior lining in a UST;
2. licenses required to install a bladder system in a UST;
3. licenses required to install corrosion protection systems onto USTs; and
4. change in policy regarding the hazardous substance certification requirement for interior lining contractors.

Licensing
Any work to upgrade, install, or remove USTs is subject to contractor licensing if the total cost of such work is $300 or more. Under current Contractors State License Board (CSLB) policy only those contractors holding one of the following classifications are properly licensed to contract for such work:

- General Engineering Contractor (A) - General engineering contractors may work on underground storage tanks for any purpose whatsoever at any location.
- General Building Contractor (B) - General building contractors may work on an underground storage tank only if such work is performed under contract to construct or remodel a building that houses people, animals or chattels, and the work involves the use of at least 2 or more unrelated trades or is subcontracted to the appropriate license.
- Plumbing Contractor (C-36) - Plumbing contractors may work on any underground storage tank that provides a service to a building. This includes storage tanks for service stations. Any other type of underground storage tank may only be worked on by a General Engineering Contractor (A).
- Limited Specialty Contractor (C-61-D-40) - Service station equipment contractors may work on fuel underground storage tanks at service stations or any other site where storage capacity does not exceed 20,000 gallons. This license is not currently being issued by CSLB.
- A contractor possessing any one of the above licenses may contract to apply interior lining to a UST. In accordance with LG 136-1, "Interior Lining and Cathodic Protection of Underground Storage Tanks," a contractor may also apply interior lining if possessing one of these licenses:
  - Painting and Decorating (C-33)
  - Limited Specialty/Synthetic Products (C-61/D12)
  - Limited Specialty/Protective Coating (C-61/D51)
- Only those contractors holding one of the following classifications are properly licensed to contract for installation of bladders:
  - General Engineering Contractor (A)
  - Plumbing Contractor (C-36)
  - Limited Specialty/Protective Coating (C-61/D51)

For information regarding the qualifications necessary to design, certify, install, and test corrosion protection systems see LG 145, "Clarification of Corrosion Specialist and Cathodic Protection Tester."

Summary of Licensing Requirements

	General Engineering (A)	General Building (B)	Painting and Decorating (C-33)	Plumbing (C-36)	Limited Specialty/ Synthetic Products (C-61/D12)	Limited Specialty (C-61/D-40)	Limited Specialty/ Protective Coating (C-61/D-51)
· To upgrade, install, or remove USTs if the aggregate costs of such work is $300 or more	X	X		X		X	
· To contract to apply interior lining	X	X	X	X	X	X	X
. To contract for installation of bladders	X			X			X

Hazardous Substance Certification
In accordance with the provisions of Business and Professions Code (B&P) Section 7058.7, a contractor must possess a Hazardous Substance Certification issued by the CSLB to:

- **install or remove** an underground storage tank. However, a contractor who is not certified may bid on or contract for the installation or removal, as long as the work is performed by a contractor who is certified.
- **upgrade** an underground storage tank. Upgrading means installation of a bladder system, application of interior lining, and installation of striker plates that are permanent bonded to the tank bottom. A contractor does not need to possess this certification to install spill containment or overfill prevention devices, fill pipes, vapor recovery systems, or leak detection equipment. Again, a contractor who is not certified may bid on or contract for the installation or removal, as long as the work is performed by a contractor who is certified.
- engage in **removing or remedying the release of a hazardous substance** at the site or to correct the conditions that threaten the release of a hazardous substance (pursuant to Sections 25355.5 and 25356 Health and Safety Code). Per Section 7058.7, "removal or remedial action" refers to work in which the contractor digs into the surface of the earth and removes the dug material and the work is at a hazardous substance release site as identified in Section 25356 H&SC. These provisions of the Health and Safety Code apply to hazardous substances other than petroleum. Therefore, the hazardous substance certification is not required for corrective action at petroleum UST sites.

If you have any questions, please call the licensing staff of the CSLB at (916) 255-3900, or write to:

P.O. Box 26000
Sacramento, CA
95826.

Sincerely,

[original signed by]

Allan Patton, Manager
Underground Tank Program

COUNTY OF SANTA CRUZ
HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICES

UNDERGROUND STORAGE TANK CLOSURE POLICY

PURPOSE

This policy is designed to define the Safeguard/Removal requirements for underground storage tank systems and speed the approval process. Final acceptance and approval is subject to completion of the listed performance requirements.

SCOPE

This policy shall apply to all underground storage tanks and associated piping currently or formerly used for the storage of any regulated hazardous materials, including wastes. Abandoned (unused) tanks not safeguarded or closed in accordance with the Uniform Fire Code and Environmental Health Service requirements shall be permanently closed within ninety (90) days of discovery, or will be subject to the permitting and monitoring requirements for existing underground storage tanks.

Once approved, permits will be valid for three (3) months. You may continue to utilize the tanks pending removal as long as you have an active operating permit. If your Permit to operate expires before your tanks are actually removed, once empty you may not refill the tank(s). When scheduling the tank removal, you must contact Environmental Health **at least 48 hours** ahead of time and notify the appropriate Fire Agency of your intent to begin the tank removal. The applicant is required to have his/her copy of the approved permit available for review at all times during site activities.

SUBMITTALS

This Section is for your use, DO NOT submit the closure application until each item listed below has been completed. **Applications should be submitted at least fifteen (15) days in advance of the proposed closure date.**

___ A. A completed application for permit to safeguard/remove/abandon-in-place underground hazardous materials storage tank(s) and piping.

___ B. A plot plan showing location of tank(s), piping, utilities, and related structures along with the general facility location information.

___ C. A sampling plan indicating the proposed sampling locations; what constituents the samples will be analyzed for; the EPA method to be used; and who the third party will be collecting the samples.

___ D. A site specific Safety Plan (must be kept on-site during all activities along with 40 CFR 1910.120 employee Certifications)

___ E. Any previous monitoring or testing records which may indicate a leak or failure (if they exist).

___ F. Required permit fees.

NOTE: Failure to submit items A - F will result in the denial of your closure permit.

PERMITS

Obtain a PERMIT to:

A. Safeguard or temporarily close underground storage tank(s) and piping.
USTs may be temporarily closed if the intent is to reuse them within the next 12 consecutive months. At the end of 1 year a permit to remove the tank(s) or a permit to continue to operate with a approved monitoring plan, must be obtained;

or,

B. Remove underground storage tank(s) and piping.
Complete removal is REQUIRED unless not feasible. A statement from a licensed engineer or other appropriate professional must be submitted to demonstrate non-feasibility;

or,

C. Abandonment-in-place of an underground storage tank(s) or piping.
Allowed only if non-feasibility of removal is demonstrated. Certification (see B. above) must be attached to the permit application at the time of submittal and is subject to EHS approval.

PROCEDURES

A. SAFEGUARD PROCEDURES (TEMPORARY CLOSURE)

1. INSPECTION: Arrange for Environmental Health to review or witness, and approve, items 2 through 7 of this section. Call (831) 454-2022 - **48 hours notice is required.**

2. Provide adequate evidence that there has been no significant soil and/or water contamination resulting from a discharge in the area surrounding the underground storage tank(s) and product piping. **Soil and/or water samples are required** (see attached guidelines).

3. All liquids shall be removed from the tank(s) and connecting piping.

4. All piping, including fill line, gage opening, vapor return and pump connections shall be capped or plugged and secured from tampering. Vent lines shall remain open and be maintained in accordance with all regulations.

5. Power service shall be disconnected from all pumps associated with the use of the underground storage tank except if the pump services other equipment still in use.

6. Underground storage tank(s) in this status shall be inspected by the owner or his/her agent at least once every three months to assure that temporary closure actions are still in effect. This shall, at a minimum, include:

   a. Visual inspection of all locked caps and concrete plugs.

   b. If locked caps are utilized, then at least one (1) shall be temporarily removed to determine if any closure material or other substances have been added or removed or if levels or quantity has changed.

7. Any underground storage tank(s) that have been temporarily closed shall be precision tested prior to re-use and the owner/operator shall have an approved permit to operate before the one-year period expires.

B. PROCEDURES FOR TANK REMOVAL (required unless not feasible)

REMEMBER to contact Environmental Health Services 48 hours prior to beginning any work on-site. It is essential to coordinate those activities that require Environmental Health Services oversight.

1. The location of all underground utilities for the site must be determined prior to breaking ground.

2. Vent lines shall be maintained and open.

3. Provide a minimum rated 20 B/C fire extinguisher at the tank site.

4. Prohibit welding, smoking and ignition sources at the tank site; post signs as required.

5. All tank(s) and connecting lines shall be entirely emptied of contents. It may be necessary to use a hand pump to remove the bottom few inches of product. All materials removed must be re-used or sent to an approved disposal facility, under manifest, by a registered hazardous waste hauler pursuant to Chapter 6.5 of Division 20 of the Health and Safety Code. Any proposed re-use must not void the original third party listing and is subject to approval from the Health Officer.

6. Render tank(s) gases inert by insertion of solid carbon dioxide (dry ice), a minimum of 15 lbs per 1,000 gallons of tank capacity is required, more may be necessary.

7. Begin excavation to expose tank(s) and pipe lines.

8. Cap all openings except vent pipe; allow at least two hours for oxygen displacement.

9. INSPECTION: Arrange for Environmental Health to witness and approve the following activities by scheduling inspections **at least 48 hours in advance** (831-454-2022).

    a. Liquid level of tank(s) (dipstick measurement)

    b. Dry ice insertion (present sales receipt) and verification of acceptable Lower Explosive Limit (LEL) value and oxygen level.

    c. Protective measures for workers, pedestrians, utilities, buildings, vehicles, etc.

    d. The equipment (i.e., crane, etc.) to be used must be of adequate size and condition to safely remove the tanks.

10. Remove pipe lines and tanks. Securely cap or plug all openings. Leave a pressure relief vent hole at the top of tank.

11. Check tank for product leaks or holes, seal tank as required. Position the pressure relief hole at top of tank and insure the tanks are properly labeled.

12. Load tank(s) and piping on a highway carrier. **Tanks and piping shall be transported to the pre-arranged destination within twelve (12) hours of removal.** Tanks that have been made inert by an approved procedure, but not otherwise cleaned of residual sludge/product must be transported as hazardous waste by a licensed hazardous waste hauler to a licensed treatment, storage and/or disposal facility.

13. Check tank excavation hole and piping runs for product contamination. Any soils stockpiled on site pending disposition shall be held on impervious surfaces and covered to prevent run-off and to control the release of vapors. Monterey Bay Unified Air Pollution Control District (MBUAPCD) will need to be contacted and a permit may be required. Obviously contaminated soil and backfill material that is to be transported

from the site, shall be hauled under manifest, by a registered hazardous waste hauler where required by law.

14. Collect soil samples as required by the attached sampling guidelines (additional samples my be requested by EHS personnel depending on site conditions). **Samples shall be obtained by an independent third party and submitted to an State approved laboratory for analysis. A written report shall be submitted to Environmental Health within twenty (20) working days of completion of the analysis.** Verbal notification of test results may be accepted pending submission of the written report of test results.

15. Open excavations awaiting final closure must be secured against unauthorized access by the use of adequately sized temporary fencing and posted as follows:

    In case of emergency contact:_____
    (Name)
    at: _____
    (Phone Number)

16. A geotechnical engineer is required to observe all backfilling operations and perform compaction testing. A report wet-signed and stamped by a geotechnical engineer documenting the backfilling operations and compaction testing is required to be submitted prior to site closure. The County Code requires that backfill be compacted to a minimum of 90% relative compaction.

C. <u>TANK ABANDONMENT IN PLACE</u> (Allowed only if removal is not feasible)

1. Determine whether soil has been contaminated with product by analysis of soil samples taken from the area under and/or surrounding tank and product piping. **Sampling location(s) must be approved and witnessed by an Environmental Health Service's Inspector.** (see attached sampling guidelines).

2. If the depth of ground water is less than 20 feet, then a ground water monitoring well shall be installed adjacent to the tank and/or piping in the verified downgradient direction.

3. Provide a minimum rated 20 B/C fire extinguisher at the site.

4. Prohibit welding, smoking and ignition sources at the tank site; post signs as required.

5. Remove remaining tank contents (See Item 5 under Procedures for tank removal).

6. Disconnect the suction, inlet, gauge and vent lines; and remove all piping.

7. Upon Environmental Health Service <u>approval</u> of sample analysis results, schedule an inspection to fill the tank(s) completely with a concrete slurry capable of filling all voids and hardening to a solid material. Prior to filling, you must insure that any control measures necessary to capture displaced residual product are in place. **Once again, 48 hours notice is required.**

NOTICE: If any contamination is discovered, and/or confirmed in samples collected at the site, all further evaluation of analytical results; assessment of existing site conditions; recommendations for additional investigation; remedial alternatives; site closure; or other interpretive activities; <u>must</u> be performed by a qualified professional, as outlined in the business and professions code (sections; 6735, 7835, and 7835.1), with first hand knowledge.

For assistance or consultation, feel free to contact the Environmental Health Office at (831) 454-2022 between the hours of 8:00 a.m. to 9:30 a.m., Monday through Friday.

COUNTY OF SANTA CRUZ
HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICES

SOIL AND WATER SAMPLING GUIDELINES FOR UNDERGROUND STORAGE TANK REMOVAL

For underground storage tanks the number of samples required is based upon the size of the tank(s). Refer to Table #1, attached, for minimums. **Samples shall be collected by an independent third party** from undisturbed soil and analyzed for residual hazardous materials, including constituents of the previously stored substances and their breakdown or transformation products. If water is encountered during tank removal or sampling, a water sample must be collected in addition to any soil samples required.

If the sampling is done for approval of abandonment in place, at least one of the samples collected shall be obtained from as close to the fill area of the tank(s) as possible.

SOIL SAMPLES

Soil samples are to be collected from beneath the tank and product piping a maximum of two feet into the native soil. The location and number of samples is specified in Table #1 (attached). **Additional samples** may be required, at the discretion of the Environmental Health Service's inspector, if obviously stained or contaminated areas, or suspected areas, are detected. It is strongly advised that your third party sampler be prepared for the potential of additional samples.

Samples are to be collected using a driven-tube type sampler, or suitable wooden mallet. When the samples must be taken from a backhoe bucket, the top 3 inches of soil are to be scraped away prior to the sample collection process.

All samples are to be packed tightly, capped, and sealed as quickly as possible with inert materials, then extruded in the lab in order to reduce the loss of volatile materials. Once sealed, samples are to be immediately placed in a cooler with ice and maintained a 4 degrees Celsius until they reach the lab. Formal signed chain-of-custody records are to accompany each sample to the lab.

Samples shall be obtained, prepared, stored, transported and analyzed by appropriate Environmental Protection Agency methods or other methods approved by this Department.

Soil samples are to be analyzed for the appropriate Minimum Verification Analyses specified in Table #2 (attached) by a State Certified laboratory and detection limits shall be appropriate for all potential fuel contaminants.

WATER SAMPLES

If water is present in the tank pit, both soil **and** water samples are required. The soil samples are to be taken by the methods outlined above, from the wall of the tank pit at the soil/ground water interface at the tank ends.

Prior to sampling the water from the tank pit for analysis, a visual observation is to be made for evidence of floating product. All observations are to be recorded.

The tank pit may be purged and allowed to recharge before sampling. The purged water must remain on-site in properly constructed and labeled drums for disposal **within ninety (90) days** (pending lab results) or be transported as hazardous waste by a licensed hazardous waste hauler to a licensed treatment, storage, and/or disposal facility.

Water samples are to be taken which are representative of water in the tank pit. Generally, one water sample is adequate; however, more may be necessary to adequately characterize the water in the tank pit. Samples may be taken manually at the edge of the tank pit, both at the surface and about 12 to 18 inches below the water surface. The sample is to be taken with a device designed to reduce the loss of volatile components. A bailer with a sampling port is a suitable sampling device.

The water is to be transferred into a volatile organic analysis (VOA) vial with as little agitation as possible. A teflon (Registered trademark) septum is to be used to seal the vial.

Samples are to be immediately placed in a cooler with ice and maintained a 4 degrees Celsius until they reach the lab. Formal signed chain-of-custody records are to accompany each sample to the lab.

Samples shall be obtained, prepared, stored, transported and analyzed by appropriate Environmental Protection Agency methods or other methods approved by this Department.

Water samples are to be analyzed for the appropriate Minimum Verification Analyses specified in Table #2 (attached) by a State Certified laboratory and detection limits shall be appropriate for all potential fuel contaminants.

REPORTS

Information pertaining to the location of sampling points, sampling methods, test procedures, signed chain of custody, and copies of the original test results shall be provided to Environmental Health Service as part of the sampling report. This report shall be submitted within twenty (20) working days of the completion of the analysis.

If soil analyses indicate product contamination the Department will provide direction for proper site mitigation measures, including further investigation and clean-up. All contaminated soil or water removed from the site must be handled in accordance with all local, State, and Federal requirements.

TABLE #1

SAMPLING FOR ROUTINE TANK REMOVALS

CASE A: WATER NOT PRESENT IN TANK PIT

1) Remove a maximum of two feet of native soil before sampling.

2) If areas of obvious contamination are observed, they are to be sampled.

TANK SIZE	MINIMUM NUMBER OF SOIL SAMPLES	LOCATION OF SOIL SAMPLES
LESS THAN 1000 GAL.	ONE PER TANK	FILL OR PUMP END OF TANK
1000-10,000 GAL.	TWO PER TANK	ONE AT EACH END OF TANK
GREATER THAN 10,000 GAL.	THREE OR MORE PER TANK	ENDS AND MIDDLE OR GENERALLY SPACED ALONG THE LENGTH OF THE TANK
PIPING	ONE	EVERY 20 LINEAL FEET

CASE B: WATER PRESENT IN TANK PIT

1) The tank pit may be purged and allowed to refill before sampling. The purged water is to be handled correctly.

2) The water sample is to be representative of water in the tank pit.

TANK SIZE	MINIMUM NUMBER OF SOIL SAMPLES	LOCATION OF SOIL SAMPLES	MINIMUM NUMBER OF WATER SAMPLES
10,000 GAL. OR LESS (SINGLE TANK)	TWO	FROM WALL NEXT TO TANK ENDS AT SOIL/GROUNDWATER INTERFACE	ONE
GREATER THAN 10,000 GAL. OR TANK CLUSTER	FOUR	FROM WALL NEXT TO TANK ENDS AT SOIL/GROUNDWATER INTERFACE	ONE

TABLE #2

MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

HYDROCARBON LEAKS	SOIL and/or WATER ANALYSIS	
Gasoline	**GRO**	**8015B or 8260B**
	BTEX	**8260 B/C**
	MTBE & TBA	**8260 B/C**
	Naphthalene	**8260 B/C**
	Organic Lead (GC-ECD) – (only if pre-1992 gasoline present)	
Diesel, Jet Fuel, Kerosene, Fuel Oil	**DRO & ORO**	**8015B with SGC**
	BTEX	**8260 B/C**
	MTBE	**8260 B/C**
	Naphthalene	**8260 B/C**
	The 16 EPA Priority Pollutant PAHs	**8270 SIM**
	(only for heavy fuel oils such as bunker fuel, etc.)	
Chlorinated Solvents	**Chlorinated Solvents (including EDB & EDC)**	**8260 B/C**
	BTEX	**8260 B/C**
Non Chlorinated Solvents	**DRO & ORO**	**8015B with SGC**
	BTEX	**8260 B/C**
Waste Oil or Unknown Fuel	**GRO**	**8015B or 8260B**
	DRO & ORO	**8015B with SGC**
	BTEX	**8260 B/C**
	The 16 EPA Priority Pollutant PAHs	**8270 SIM**
	Chlorinated Solvents (including EDB & EDC)	**8260 B/C**
	MTBE & TBA	**8260 B/C**
	Metals (Cd, Cr, Pb, Ni, Zn)	**6010/6020 or 7000/7010 (Soil Only)**

The above is based in the 2012 California LUFT Guidance Manual

Notes:

- **The LUFT manual recommends using the GRO results for water instead of the DRO and ORO results.**

Santa Cruz County Environmental Health - Hazardous Materials Consultant/Contractor List

Business Name	Address	City	State	Zip	Phone	Hazardous Waste Testing Labs	Remove USTs	Precision Tank Testing	Hazardous Materials Consulting Firms	Hazardous Waste Haulers	Monitoring Well Drilling Services	Risk Management Plan, Cal-ARP	Site Assessment
Aero-Environmental Consulting, Inc.	1426 Via Isola	Monrerey	CA	93940	831-394-1199				X			X	X
Allterra Environmental, Inc.	207 Mc Pherson Street, Suite B	Santa Cruz	CA	95060	831-425-2608		X		X		X	X	X
Ashworth Leininger Group	601 East Daily Drive Ste 302	Camarillo	CA	93010	805-764-6010				X			X	
Atlas Engineering Services, Inc.	PO Box 1260	Santa Cruz	CA	95061	831-426-1440						X		X
Balch Petroleum Contractors and Builders, Inc.	930 Ames Avenue	Milpitas	CA	95035	408-942-8686		X						X
Bayside Oil II, Inc.	210 Encinal Street	Santa Cruz	CA	95060	831-427-3773					X			
BC2 Environmental	1150 W. Trenton Avenue	Orange	CA	92867	714-744-2990						X		
Cascade Drilling, L.P.	3000 Duluth Street	West Sacramento	CA	95691	916-638-1169						X		
*Catalyst Environmental	735 Industrial Road, Ste 201	San Carlos	CA	94070	650-642-6583		X		X	X			X
*Clean Harbors	1010 Commercial Street	San Jose	CA	95112	408-451-5000					X			
Dillard Environmental Services	PO Box 579	Byron	CA	94514	925-634-6850		X			X			
Gregg Drilling & Testing, Inc.	950 Howe Road	Martinez	CA	94553	925-313-5800						X		
Light, Air and Space Construction	1707 Little Orchard Street, Suite A	San Jose	CA	95125	408-979-0661		X		X		X		X
Mesiti-Miller Engineering, Inc.	224 Walnut Avenue, Suite B	Santa Cruz	CA	95060	831-426-3186				X				X
*Morgan Environmental Services, Inc	1233 21st Street	Oakland	CA	94607	510-267-0134					X			
Pacific Crest Engineering, Inc.	444 Airport Boulevard, Suite 106	Watsonville	CA	95076	831-722-9446				X		X	X	X
Pitcher Drilling Co.	218 Demeter Street	East Palo Alto	CA	94303	650-328-8910						X		
Red Hills Environmental, LLC	18150 Gloria Court	Los Gatos	CA	95033	408-455-9300		X		X	X	X	X	X
Remediation Risk Management, Inc.	2560 Soquel Avenue, Suite 202	Santa Cruz	CA	95062	831-475-8141		X		X	X	X	X	X
The Auger Group, Inc. (Clearwater Group)	229 Tewksbury Avenue	Point Richmond	CA	94801	510-307-9943		X		X		X	X	X
Trinity Source Group, Inc.	119 Encinal Street	Santa Cruz	CA	95060	831-426-5600		X		X		X		X
Triton Construction	2560 Soquel Avenue, Suite 202	Santa Cruz	CA	95062	831-475-8141		X	X		X			
Weber, Hayes & Associates, Inc.	120 Westgate Drive	Watsonville	CA	95076	831-722-3580		X		X		X		X

Updated: 8/18/2015

* This list is provided as information only and may not be exclusive. Mention of company names does not constitute a recommendation by EHS. It is the responsibility of the user to investigate company competence, background, and stability.

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICE
701 Ocean Street, Room 312, Santa Cruz, CA 95060 (831) 454-2022

APPLICATION FOR PERMIT TO REMOVE/SAFEGUARD UNDERGROUND HAZARDOUS MATERIALS STORAGE TANK

PERMIT NUMBER: _____ FEE PAID: $_____ DATE:_____

CASH REGISTER VALIDATION

Location: _____

Facility Name: _____ Contact: _____

Owner/Operator: _____ Telephone: _____

Mailing Address: _____

Contractor: _____ License Number: _____ Telephone: _____

Type: ☐ A ☐ C-61/D40 ☐ C-34 ☐ B

24 hour Emergency Contact: Name: _____ Telephone: _____

Title: _____

TANK #	DATE INSTALLED	VOLUME	CONSTRUCTION	MATERIAL STORED

If not currently in use, indicate last date used for storage: _____

Remaining product to be removed by: _____

SAMPLING PLAN:

Indicate sampling location on plot plan. Refer to sampling guidelines for recommended numbers.

Samples will be collected by: _____ Telephone: _____

Samples will be analyzed by: _____ Telephone: _____

Tank(s) will be hauled by: _____ Telephone: _____

Final tank(s) destination: _____ Telephone: _____

I have received a copy of the Underground Storage Tank Closure Policy and will perform the work as outlined in the Policy and approved in this application.

SIGNATURE _____ DATE _____

FOR OFFICE USE ONLY

PERMIT APPROVED BY: _____ DATE: _____ EXPIRATION DATE: _____

HSA-555 (REV. 07/10)

COUNTY OF SANTA CRUZ
HEALTH SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICE
701 Ocean Street, Room 312, Santa Cruz, CA 95060 (831) 454-2022

WORKER'S COMPENSATION INSURANCE

UNDERGROUND STORAGE TANK(S) LOCATION _____

FACILITY NAME_____

PROPERTY OWNER'S NAME _____ PHONE: _____

OWNER-BUILDER DECLARATION
Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to provisions of the Contractors License Law (Chapter 9 [commencing with Section 7000] of Division 3 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

I hereby affirm that I am exempt from the Contractors License Law for the following reason

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☐ I, as the owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

WORKER'S COMPENSATION DECLARATION

If you will not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California, fill out Section A. If you employ persons in a manner that will require you to provide Workers' Compensation Insurance or self-insurance you must fill in Section B and provide a copy of the insurance documents.

A. CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE
I certify that in the performance of the work for which this permit is issued. I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

B. WORKERS COMPENSATION DECLARATION
I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation insurance, or a certified copy thereof (Sec. 3800 Lab. C.).

Policy No. _____ Company _____

☐ Certified copy is hereby furnished

☐ Certified copy is filed with the County Building Inspection Department or County Environmental Health Department.

Date _____ Applicant _____

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICE
701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060 (831) 454-2022

SITE SAFETY PLAN - UNDERGROUND STORAGE TANK REMOVAL

A. GENERAL INFORMATION

SITE _____

LOCATION _____

PLAN PREPARED BY: _____ DATE _____

APPROVED BY: _____DATE _____

OBJECTIVE(S) _____

_____

PROPOSED DATE OF CLOSURE _____

B. SITE/SUBSTANCE CHARACTERISTICS/HAZARDS

IDENTIFY TYPE OF MATERIAL STORED: _____

_____

CHARACTERISTIC(S): ☐ CORROSIVE ☐ IGNITABLE ☐ FLAMMABLE
☐ VOLATILE ☐ TOXIC ☐ REACTIVE ☐ UNKNOWN
☐ OTHER (NAME) _____

ASSESS/OVERALL HAZARD

☐ SERIOUS ☐ MODERATE ☐ LOW ☐ UNKNOWN

INDICATE WHAT PARAMETER YOU WILL USE TO ASSESS SAFETY OR CONTINUED PROJECT OPERATIONS (i.e. TLV [ppm] IDLH [pm] LEL [%]) _____

_____

AND SYMPTOMS OF OVER EXPOSURE _____

_____

_____

DESCRIBE SURVEILLANCE EQUIPMENT AND MATERIALS TO BE USED TO MONITOR FOR EXPOSURES: INSTRUMENT(S) _____

ACTION LEVEL _____

SAFETY EQUIPMENT _____

INDICATE ANY UNUSUAL FEATURES AT THE SITE (POWER LINES, TERRAIN, UTILITIES, ETC.)

_____

_____

_____

ARE THEY: ☐ ACTIVE ☐ INACTIVE ☐ UNKNOWN

[OVER]

SPECIFIC PRECAUTIONS AND COMMENTS (Include procedures for managing weather and traffic related problems)

_____

_____

_____

DESCRIBE HOW THE ZONE OF OPERATION WILL BE SECURED FROM ENTRY OF UNAUTHORIZED PERSONNEL_____

_____

C. SITE SAFETY WORK PLAN

DESCRIBE HOW ON-SITE AND OFF-SITE PERSONNEL AND PUBLIC WILL BE PROTECTED FROM OVEREXPOSURE TO HAZARDOUS SUBSTANCES AND CONSTRUCTION HAZARDS

_____

_____

DESCRIBE DECONTAMINATION PROCEDURES FOR:

PERSONNEL_____

EQUIPMENT _____

EXPLAIN ON HAND FIRST AID PROVISIONS: _____

WORK LIMITATIONS (time of day, weather, heat/cold stress what will trigger stop work)

_____

_____

_____

D. EMERGENCY INFORMATION

JOB PERSONNEL	NAME	RESPONSIBILITY
	_____	_____
	_____	_____
	_____	_____

EMERGENCY CONTACTS	NAME	PHONE
	_____	_____
	_____	_____
	_____	_____

****

FOR OFFICIAL USE ONLY

PLAN REVIEWED BY _____ DATE _____

COMMENTS: _____

_____

_____

_____

_____

****

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS WASTE

HAZARDOUS WASTE TANK CLOSURE CERTIFICATION

I. FACILITY IDENTIFICATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.	FACILITY ID# 1.

TANK OWNER NAME 740.

TANK OWNER ADDRESS 741.

TANK OWNER CITY 742.	STATE 743.	ZIP CODE 744.

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS		Tank ID # (Attach additional copies of this page for more than three tanks)	Concentration of Flammable Vapor			Concentration of Oxygen		
			Top	Center	Bottom	Top	Center	Bottom
	1	745.	746a.	746b.	746c.	747a.	747b.	747c.
	2	748.	749a.	749b.	749c.	750a.	750b.	750c.
	3	751.	752a.	752b.	752c.	753a.	753b.	753c.

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, scale (thin, flaky residual of tank contents), rinseate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF CERTIFIER

NAME OF CERTIFIER (Print) 754.

TITLE OF CERTIFIER 755.

ADDRESS 756.

CITY 757.

PHONE 758.

DATE 759.

CERTIFICATION TIME

STATUS OR AFFILIATION OF CERTIFYING PERSON

Certifier is a representative of the CUPA, authorized agency, or LIA: 760.

☐ Yes ☒ No

Name of CUPA, authorized agency, or LIA: 761.

N/A

If certifier is other than CUPA / LIA check appropriate box below: 762.

- ☐ a. Certified Industrial Hygienist (CIH)
- ☐ b. Certified Safety Professional (CSP)
- ☐ c. Certified Marine Chemist (CMC)
- ☐ d. Registered Environmental Health Specialist (REHS)
- ☐ e. Professional Engineer (PE)
- ☐ f. Class II Registered Environmental Assessor
- ☐ g. Contractors' State License Board licensed contractor (with hazardous substance removal certification)

TANK PREVIOUSLY HELD FLAMMABLE OR COMBUSTIBLE MATERIALS 763.

(If yes, the tank interior atmosphere shall be re-checked with a combustible gas indicator prior to work being conducted on the tank.) ☐ Yes ☐ No

CERTIFIER'S TANK MANAGEMENT INSTRUCTIONS FOR SCRAP DEALER, DISPOSAL FACILITY, ETC: 764.

A copy of this certificate shall accompany the tank to the recycling/disposal facility and be provided to the agency overseeing tank closure (i.e. CUPA or other authorized local agency); the owner and/or operator of the tank system; and the tank removal contractor.

Hazardous Waste Tank Closure Certification Instructions

Complete and submit this page after cleaning any underground or aboveground tank system subject to Title 22, Division 4.5, Chapter 32, California Code of Regulations. Refer to 22 CCR §67383.3 and 23 CCR §2672 for disposal requirements for tank systems.

Completed Unified Program Consolidated Form (UPCF) Business Activities and Business Owner/Operator Identification (OES Form 2730) pages must be submitted with this form. Please number all pages of your submittal. (Note: Numbering of the following instructions follows the UPCF data element numbers on this form.)

1. FACILITY ID NUMBER - This number is for agency use only. Leave this space blank.

3. BUSINESS NAME - Enter the complete Facility Name.

740. TANK OWNER NAME -
741. TANK OWNER ADDRESS -
742. TANK OWNER CITY -
743. TANK OWNER STATE -
744. TANK OWNER ZIP CODE -

Complete items 740-744 unless all items are the same as the Business Owner information (items 111-116) on the Business Owner/Operator Identification page (OES Form 2730). If the same, write "SAME AS SITE" across this section.

745. TANK ID NUMBER 1-3 - Enter up to three owner tank ID numbers. These are unique numbers used by the owner to identify each tank. If more than three tanks are being closed, complete additional copies of this page. (Enter additional tank numbers in 748 and 751.)

746. CONCENTRATION OF FLAMMABLE VAPOR 1-3 - Enter interior flammable vapor concentration readings taken at the top, center, and bottom of the tank. (If more than one tank, enter additional tank readings in 749 and 752.)

747. CONCENTRATION OF OXYGEN 1-3 - Enter interior oxygen readings taken at the top, center, and bottom of the tank. (If more than one tank, enter additional tank readings in 750 and 753).

SIGNATURE - A qualified professional meeting the requirements of 22 CCR §67383.3(f) shall sign in the space provided to certify that the cleaned tank(s) meet all standards specified in 22 CCR §67383.3(e)(1) and (2).

754. CERTIFIER NAME - Print or type the full name of the person signing the Certification.

755. CERTIFIER TITLE - Enter the title of the person signing the Certification.

756. CERTIFIER ADDRESS - Enter the address of the person signing the Certification.

757. CERTIFIER CITY - Enter the city for the signer's address.

758. CERTIFIER PHONE - Enter the phone number for the person signing the Certification.

759. DATE CERTIFIED - Enter the date that the Certification was signed. Enter the time that the readings were taken.

760. CERTIFIER REPRESENTS LOCAL AGENCY - Check "Yes" if the person certifying the tank is a representative of a CUPA or authorized local agency, otherwise, check "No."

761. NAME OF LOCAL AGENCY - If certified by a CUPA or other local agency, enter the name of the agency.

762. AFFILIATION OF CERTIFYING PERSON - Check the certification, license, or organization which the certifier holds or to which the certifying person belongs, if not a CUPA or other local agency.

763. TANK HELD FLAMMABLE OR COMBUSTIBLE MATERIALS - Check "Yes" if the tank(s) previously held flammable or combustible materials, otherwise check "No."

764. MANAGEMENT INSTRUCTIONS - Provide tank management instructions to the scrap dealer, disposal facility, etc. in this space.