

# BARGHAUSEN CONSULTING ENGINEERS, INC.

"Land Planning, Survey, and Design Specialists"

April 11, 1990  
FEDERAL EXPRESS

Mr. Ed Howell, Chief  
Hazardous Materials Division  
Alameda County Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

RE: Procedure for Obtaining Approval for Installation of  
Underground Gasoline Storage Tanks

Dear Mr. Howell:

This letter is being written to you, as Chief of the Hazardous Materials Division for Alameda County, to request your assistance in interpreting the requirements and responsibilities associated with approvals by your division for installation of underground fuel storage tanks.

According to the written procedures for obtaining approval for installation of underground storage tanks, dated April 1, 1985 (copy attached), Item No. 3, plans submitted for the installation of underground fuel storage tanks must be approved or disapproved of within 30 days of a submittal. We currently have two (2) sets of underground fuel tank installation plans in for plan check, one which was submitted November 15, 1989, and another which was submitted March 14, 1990. As of this date, neither of these installation applications has, to our knowledge, been approved or disapproved by your division.

The plan checkers for these projects have requested various pieces of information during their plan check process, all of which have been submitted to them. If there is additional information required for the processing of these permit applications, we would be more than happy to provide the plan checkers with whatever data they need to complete their plan check.

If your current plan check policy does not require a 30 day approval/disapproval from date of submittal, we would appreciate knowing exactly what the current policy is. In regard to the two (2) projects that we currently have in plan check, I am available to discuss these with you and/or the plan checkers at any time.

→ 10600 MAC 946 Arco AM/PM Mkt., Oak. 94605  
1360 Park St.

Home Office: 18215 72nd Avenue South • Kent, Washington 98032 • (206) 251-6222 • Fax (206) 251-8782

North Highlands: 4612 Roseville Road, Suite #103 • North Highlands, California 95660 • (916) 348-3057 • Fax (916) 348-0953

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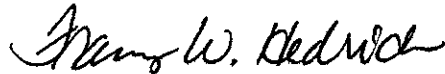
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Since we have a number of projects requiring permitting going on at any one time and any one of them is likely to be in Alameda County and therefore, under your jurisdiction, we would like to resolve this issue at the earliest possible chance. If you would like to discuss this in person, I will be more than happy to meet with you. Please feel free to call me at (916) 348-3057 to discuss this matter.

Thank you very much for your time and consideration.

Respectfully,



Frances W. Hedrick  
Project Manager

FWH/aw  
C400.76

PROCEDURE FOR OBTAINING APPROVAL OF PLANS AND  
SPECIFICATIONS FOR COMPLIANCE WITH STATE STATUTES  
PERTAINING TO UNDERGROUND STORAGE OF HAZARDOUS SUBSTANCES  
(Continued)

The plans must show all piping diagrams with pipe sizes and locations of all valves and equipment.

You will be charged an hourly fee toward the cost of reviewing the plans. Allow at least seven working days for review of your plans. The plans must be approved of or disapproved of within 30 days following submittal.

4. After reviewing your plans, they will be found to be either acceptable or not acceptable. If your plans are not acceptable, you may submit revised plans and specifications for review. If your plans are acceptable, all three sets will be stamped "Acceptable" and you will be notified. Stamped plans may be picked up at the office at which they were originally submitted. Two sets will be available for return to you between 8:30 a.m. and 5:00 Monday through Friday.
5. Next you must contact the appropriate building inspection and fire departments for your area in order to obtain any required permits. No building permit may be issued by a building inspection department until you present a set of plans stamped by the Health Department.
6. After obtaining all required permits, you may begin work. One copy of the Health Agency stamped plans must be on the job and available to all contractors and craftsmen involved with the construction and installation.

You are required to obtain the following inspections from the Health Department.

- (a) Following setting the tank and piping in place and prior to covering.
- (b) Final before operating.

Make requests for these construction progress inspections at least 48 hours in advance directly to the office where plans were originally submitted.

7. In addition, you are advised that you are responsible for obtaining clearances from any other involved regulatory agencies, such as planning, building and fire departments, sewerage agencies, and for obtaining any required business license.

ALAMEDA COUNTY DEPARTMENT OF  
ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621

(415) 271-4320

PROCEDURE FOR OBTAINING APPROVAL FOR PLANS AND  
SPECIFICATIONS FOR COMPLIANCE WITH STATE STATUTES  
PERTAINING TO UNDERGROUND STORAGE OF HAZARDOUS SUBSTANCES  
APRIL 1, 1985

1. This procedure does not apply in those cities within Alameda County that maintain their own ordinances and procedures for the regulation of underground storage of hazardous substances (Fremont, Hayward, Pleasanton, San Leandro and Union City as of April 1985). (Berkeley, Newark added January 1, 1986).
2. Submit three sets (minimum) of plans and equipment specifications. Plot plans showing buildings and facilities maintained in conjunction with the underground storage containers are to be drawn to a scale of 1/8 inch equals 1.0 foot. The detail plans shall be drawn to a scale of 1/4" inch to the foot. The detail plan must show both plan and elevation views with all dimensions shown and legible.
3. Plans must be submitted to construct, reconstruct, or alter an underground storage container, auxiliary equipment or facilities including but not limited to monitoring, pumping, piping, etc. Plans are not required for farm tanks which contain motor vehicle fuel and other containers such as pits, ponds, lagoons, and sumps.

The submission of plans must also include the manufacturer's brochure, specifications or equal concerning the following equipment:

- (a) The tank itself and any special treatment given to the tank to prevent corrosion.
- (b) The method and details of cathodic protection when provided.
- (c) Monitoring equipment including dials, whistles, lights or other signaling devices and operating instructions.
- (d) Leak detectors.
- (e) Special piping coatings, sleeving or other systems for preventing unauthorized product releases from underground piping.
- (f) All other special or unique equipment not requested above.