

E l e v e n t o S e v e n W h a t e v e r S h o p  
21305 Mission Blvd Hayward, CA 94541  
(510) 276-6400

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October 29, 1991

Pamela J. Evans  
Department of Environmental Health  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621

RE: Underground Tanks Removal

Dear Ms. Evans:

Enclosed please find a copy of the proposed plan submitted by  
Verl's Construction Company for the removal of the underground  
tanks at our location. We have accepted their proposal, however,  
we are having some problems with the financial arrangements  
and are still working diligently to obtain a loan.

Also, I would appreciate all correspondence be mailed to me  
at the following address to ensure prompt delivery:

Clarke Hutchings  
21305 Mission Blvd  
Hayward, CA 94541

Please do not hesitate to contact my office if you have any  
questions or need further information. Thank you again for  
your assistance regarding this matter.

Sincerely,



Clarke Hutchings  
Owner

CH/ldw

# VERL'S CONSTRUCTION, INC.

CA LIC. #487537

753 PERALTA AVENUE  
SAN LEANDRO, CA 94577  
(415) 568-1234

October 24, 1991

Bloomer's  
21305 Mission Blvd.  
Hayward, CA. 94541  
Attn: Mr. Clark Hutchkins

SUBJECT: Underground Storage Tank Removal and Disposal.

Dear Clark:

Verl's Construction, Inc. (VCI) is pleased to present this proposal to Bloomer's, regarding the tank removal and disposal of three underground fuel storage tanks in Hayward, California.

VCI has significant experience in all aspects of underground storage tank management programs, including tank removal, tank installations, soil remediation, tank testing, and monitoring well installation. As a full-service environmental construction company, we can provide a single source for an efficient and cost-effective program.

## BACKGROUND

The property located in Hayward has 3 underground storage tanks. Table 1 shows data on tank volume, estimated dimensions, contents, and material of construction.

## SCOPE OF WORK

This section describes our proposed approach for the work.

### Safety and Regulatory Compliance Programs

As required by VCI's Health and Safety Policy, an VCI Health and Safety Coordinator (HSC) will review the project prior to the start of work. Recommendations will be made regarding appropriate health and safety work practices, training, and personal protective equipment to ensure compliance with applicable California OSHA regulations. Where the scope of work requires it, or when the client requests it, the HSC reviewing the project will prepare a written health and safety plan which details the applicable requirements and recommendations. To verify compliance, the HSC reviewing the project will prepare a written health and safety plan which details the applicable requirements and recommendations. report.

All work at the site will be accomplished under the provisions of California Administrative code (CAC), Title 8, Section 5216; Title 22 Sections 66016 through 66898; and Title 23, Sections 2610 through 2714, and all applicable local regulations.

### Work Plan

VCI will conduct the work for Bloomers, hereinafter referred to as Client, in accordance with the following work plan:

**Permits** - VCI will obtain the permits required to remove underground storage tanks in Hayward, California. Utilities will be located prior to commencement of physical activities.

**Tank Isolation** - All underground pipelines leading to the tanks will be disconnected and removed or capped. Identification of underground utility lines will be the responsibility of the Client. Any interference with work progress caused by utility lines will be charged as extra work under an attached Master Services Agreement when needed.

**Tank Cleaning** - The tanks will be emptied to the extent possible by the Client prior to the start of work by VCI. If there is any residual and or product in said tanks, VCI will remove liquid under an addendum. Each tank must be readily accessible. Cap locks must be removed and caps must be operating properly. The residual product and sludge in each tank will be removed with a vacuum truck after cleaning with a pressure washer or high pressure hydroblaster using water and detergents. This is included in this proposal. Water supply must be provided by the client.

**Tank Removal and Disposal** - Once the tanks have been cleaned, they will be rendered inert with carbon dioxide sublimated from dry ice. A oxygen and combustible gas meter ( Gastech 1214 SMPN) will be used to assure the concentration of organic vapors present. Excavation activities will not be initiated until the concentration of organic vapors is less than 10 percent of the lower explosive limit (LEL) for the product stored in the tank. Each tank and connected piping will be uncovered and removed using a backhoe and/or crane. Soil and fill will be stockpiled at the work area during the tank excavation. Tank rinsate will be disposed of at a suitable facility.

The tanks will be transported off-site to a registered treatment and disposal facility for cleaning and disposal.

**Shoring** - It is not anticipated that shoring will be required to protect adjacent structures or utilities during the excavation. If shoring is necessary, a California registered civil engineer will review existing conditions and specify the amount and type of shoring required. The engineer will also supervise the field work during shoring and tank excavation. The cost of shoring design and installation has not been included in the price quoted in this proposal.

**Concrete Foundations** - The Client does not know if any of the tanks are wrapped, or set on or strapped to concrete foundations. VCI's proposal does not include the removal of any wrapping or the breaking or removal of concrete foundations. VCI will remove foundations on request under an attached Addendum Service Agreement.

**Soil Testing** - Samples will be collected from the bottom of the excavation as required by the California Underground Storage Tank Regulations and the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). A sample will be collected for every 20 lineal-feet of trench for piping and beneath each tank. A composite sample of excavated soil will also be analyzed. The soil samples will be analyzed using a modified EPA Method 8015/5030 for Total Petroleum Hydrocarbons for samples from beneath gasoline tanks for a modified EPA Method 3550 for Total Petroleum Hydrocarbons for samples from beneath diesel, jet fuel, or waste oil tanks. Total Oil and Grease and EPA Method 8240 Volatile Organic Compound tests will also be run for samples from beneath waste oil tanks, in accordance with recently announced RWQCB guidelines. Six samples to be analyzed for TPH G, BTX&E and Lead are included in this proposal.

Any additional analyses requested by the city or county inspector are not included in this bid, and will be billed as an extra.

**Backfill** - The excavation will be backfilled to grade after the laboratory results are reviewed unless soil contamination is detected. The Client shall be responsible for site and excavation security.

The excavation will be backfilled with clean excavated material and material similar to the native soil in the area or, at our discretion, Class II aggregate base. The backfill material will be compacted by means of jetting and or by compaction. Estimated backfill material needed is 18 tons. Any additional backfill will be billed for \$20.00 per ton delivered and compacted.

**Resurfacing** - All excavated areas will be resurfaced with 2.5" of asphalt concrete. Total area to be resurfaced will not exceed 216 square feet. Any additional re-surfacing will be billed as an extra.

**Resurfacing** - After backfilling, the excavated area will be resurfaced to match the surrounding pavement.

VCI's proposal does not include additional testing and contaminated soil removal that may be necessary if leakage is found. It also does not include hydrologic assessment of ground water that might be mandated by the RWQCB if contaminated soil is found beneath the tank. VCI has the background and qualifications to assist the Client with investigative or corrective work that may be required. Any work required beyond the scope of this proposal will be invoiced in accordance with the attached Personnel and Equipment Rate Schedule (Exhibit I) dated May 14, 1990. Invoices will be issued as costs are incurred, but no less than monthly.

#### SCHEDULE

It is anticipated that work on this project could begin within 4 weeks following authorization to proceed. The tentative schedule is as follows:

Permits and authorization.....	3 weeks
Tank removal, disposal, and soil sampling.....	2 days
Laboratory analysis.....	5 days
Backfill, compaction, and resurfacing.....	2 days
Report.....	4 weeks

Excavation will be coordinated to minimize the length of time between ground-breaking and backfill. The total time required for project completion is estimated to be 4 to 6 weeks.