

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0963

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

June 22, 1993  
STID# 3932

Mr. George Blandino  
Copper & Brass Sales Company  
1295 67th Street  
Emeryville, California 94608

**RE: Workplan - Preliminary Site Assessment Related to the  
Former Underground Storage Tank at Copper & Brass Sales  
Company, 1295 67th Street, Emeryville, California 94608**

Dear Mr. Blandino:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the "Work Plan to Conduct A Preliminary Site Assessment" (May 13, 1993) and a copy of the monitoring well construction diagram (dated June 21, 1993) prepared by Azure Environmental for the referenced site.

Based on this review, this department concurs with the basic elements of the workplan. The work plan is acceptable and can be implemented with the following conditions:

- \* Construction and placement of the well must adhere to the requirements specified in "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", August, 1990. Monitoring wells must be screened to intercept free floating product and accommodate seasonal water table fluctuations.
- \* Soil samples must be collected every five feet as per RWQCB's guidelines. Field instruments are acceptable as a screening tools only. Any evidence of soil contamination such as odor, visual staining or field instrument readings must be verified by analysis from a state certified laboratory.
- \* Groundwater monitoring wells must be sampled on a quarterly basis and analyzed for the following target compounds: TPH gasoline, TPH diesel, benzene, toluene, ethyl benzene and xylene. Groundwater elevation readings must be included in the quarterly monitoring program. After four quarters of non detectable levels have been achieved, the frequency of sampling events will be evaluated and/or a recommendation for signoff/case closure by RWQCB will be determined.

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- \* Groundwater flow gradient should be calculated based on a three (3) point measurement of the water level in the wells. If there are one or two wells installed on the site, every effort should be made to evaluate the groundwater flow gradient and direction. The location of the monitoring well must be positively verified to be in the downgradient direction.
- \* Please submit a time schedule for all phases of the investigation and remediation activities and the anticipated time when cleanup will be completed at the site.
- \* Please notify this office at least 48 hours in advance for the start up of work plan implementation so a site visit can be arranged by a representative from this office.

A report must be submitted within 45 days after completion of this investigation. Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). In addition, the following items must be incorporated in your future reports or workplans:

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the RWQCB of the responsible party or tank owner's intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

Mr. George Blandino  
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All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of reports must also be submitted to :

Rich Hiatt  
RWQCB, San Francisco Bay Region  
2101 Webster Street, Fourth Floor  
Oakland, California 94612

Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,

  
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Susan L. Hugo  
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Rich Hiatt, San Francisco Bay RWQCB  
Edgar B. Howell, Chief, Hazardous Materials Division - files  
Jeff Hennier - Azure Environmental  
1001 Lincoln Avenue  
San Rafael, California 94901

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

March 30, 1993  
STID# 3932

Mr. George Blandino  
Copper & Brass Sales Company  
1295 67th Street  
Emeryville, California 94608

R0963

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

**RE: Underground Storage Tank Removal at Copper & Brass Sales  
1295 67th Street, Emeryville, California 94608**

Dear Mr. Blandino:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the files concerning the removal of an underground storage tank (2,000 gallon diesel) on December 4, 1992 at the referenced site. We are in receipt of the Tank Closure Report (December 29, 1992) prepared by KTW & Associates and the analytical results of verification soil samples submitted by Reidel Environmental Services, Inc.

The former tank had corrosion holes and a sheen of free floating product was observed on top of the water in the excavation pit. Strong soil discoloration was also present in the pit. Soil samples collected beneath the east end of tank area at nine feet depth showed elevated levels of Total Petroleum Hydrocarbon as diesel (1,800 ppm TPH diesel) and Total Petroleum Hydrocarbon as gasoline (300 ppm TPH gasoline). Overexcavation was performed around the tank pit on December 15, 1992. Verification soil samples were collected on all sidewalls and all the soil samples were non detect for TPH gasoline, TPH diesel, benzene, toluene, ethyl benzene and xylene except the east wall sample showing 13 ppm TPH diesel.

Because of the degree of contamination found at the site which exceeded regulatory threshold levels, further environmental assessment is required to determine the extent of the unauthorized release associated with the former tank. In addition, an unauthorized leak report must be filed for the referenced site. Enclosed is a blank copy of the "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" which must be completed and submitted to this office within five working days.

This office will be the lead agency overseeing the environmental investigation and cleanup activities at the site. The RWQCB has delegated this authority to our office. However, you must keep the Water Board apprised of all actions taken to characterize and remediate contamination at the site, because the Board retains the ultimate responsibility for ensuring protection of the waters of the state.

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A preliminary assessment should be conducted to determine the extent of soil and/or groundwater contamination that has resulted from the former leaking tank. The information gathered by this investigation will be used to assess the need for additional actions at the site. The preliminary assessment should be designed to provide all of the information in the format shown in the attachment at the end of this letter, which is based on the RWQCB's guidelines. You should be prepared to install at a minimum, three monitoring wells to establish gradient direction of the groundwater at the site. One of the wells should be installed within 10 feet downgradient of the former tank location. Monthly water elevation reading for twelve months is necessary to determine groundwater flow direction and quarterly sampling must occur to determine extent of the groundwater contamination.

Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). These reports must include information pertaining to further investigative results; the methods of cleanup actions implemented to date; and the method and disposal of any contaminated material. Copies of manifests for such disposal must be sent to this office. Stockpiled soil from the pit may not be used to backfill these holes without authorization from this office. Only clean fill can be used to backfill the excavation pit. Please provide our office with documentation of the stockpiled soil disposal.

Your work plan must be submitted to this office no later than **May 14, 1993**. All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of the reports and proposals must also be submitted to:

Rich Hiatt  
RWQCB, San Francisco Bay Region  
2101 Webster Street, Fourth Floor  
Oakland, California 94612

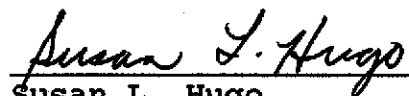
Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267(b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

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Enclosed is a copy of Appendix A (Workplan for Initial Subsurface Investigation (August 20, 1991) for your reference.

Should you have any questions regarding this letter, please contact me at (510) 271-4530.

Sincerely,



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Susan L. Hugo  
Senior Hazardous Materials Specialist

Enclosures

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Rich Hiett, San Francisco Bay RWQCB  
Gil Jensen, Alameda County District Attorney's Office  
Edgar B. Howell, Chief, Hazardous Materials Division / file  
Steve Schwartz, Riedel Environmental Services, Inc.  
4138 Lakeside Drive, Richmond, CA 94806