

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R02459

December 20, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

Mr. Laurence Clark
Clark's Woodworking
2620 Norbridge Avenue
Castro Valley, CA 94546

RE: PRELIMINARY SITE ASSESSMENT PROPOSAL

Dear Mr. Clark:

This Department is in receipt and has completed review of the August 2, 1991 Aqua Science Engineers Inc. preliminary site assessment work plan (PSA), as amended December 4, 1991. This PSA work plan has been approved as amended.

A report must be submitted within 45 days of the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until eligible for final "sign-off" by the Regional Water Quality Control Board (RWQCB). Quarterly reports are due the first day of the second month of each subsequent quarter (e.g., May 1, August 1, November 1, and February 1). Please reference the July 3, 1991 correspondence from this office for details concerning the content of such reports.

At this time, please adhere to a quarterly monitoring and sampling schedule. The frequency of these activities may change over time as ground water data are collected and interpreted.

Please call me at 510/271-4320 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
Lester Feldman, RWQCB
Howard Hatayama, DTSC
Bob Bohman, Castro Valley Fire Department
Greg Gouvea, ASE
files

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Certified Mailer # P 367 604 433

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

July 3, 1991

Mr. Laurence Clark
Clark's Woodworking
2620 Norbridge Avenue
Castro Valley, CA 94546

RE: REQUEST FOR PRELIMINARY SITE ASSESSMENT; 2620 NORBRIDGE AVENUE,
CASTRO VALLEY

Dear Mr. Clark:

This Department is in receipt and has completed review of the April 15, 1991 Aqua Science Engineers, Inc. (ASE) underground storage tank closure report, as submitted under ASE cover dated May 24, 1991. The cited report documents the results of soil sample analyses and other activities associated with the closure of one (1) underground storage tank (UST) at the referenced site on March 28, 1991.

Observations made at the time of closure, and later substantiated through soil sample analyses, indicate that a confirmed release from the UST system has occurred at this site. The concentration of total petroleum hydrocarbons as gasoline (TPH-G) discovered in the initial soil sample (SS-1), collected at an approximate depth of 6-feet below grade (BG), was 1,000 parts per million (ppm). Benzene, toluene, ethylbenzene, and total xylene (BTEX) isomer concentrations in this same sample were 1.6, 2.4, 1.3, and 2.5 ppm, respectively. Following continued vertical overexcavation to an approximate depth of 11-feet BG, contaminant concentrations quickly attenuated as evidenced by TPH-G and BTEX concentrations of 1.2, 0.44, 0.021, 0.017, and 0.0093 ppm, respectively.

Based upon the data presented in the April 15 ASE report, it appears that further vertical overexcavation will not be required at this time. However, the data, as well as observations made during UST closure, clearly indicate that there has been a confirmed release at this site. As a result, you must perform an additional environmental investigation to determine the lateral and vertical extent of both soil and ground water contamination associated with this release.

Such an investigation shall be in the form of a Preliminary Site Assessment, or PSA. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks. The major elements of such an investigation are summarized in the attached Appendix A.

Mr. Laurence Clark
RE: 2620 Norbridge Avenue
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In order to proceed with a site investigation, you should obtain professional services of a reputable environmental/geotechnical firm. Your responsibility is to have the consultant submit for review a proposal outlining planned activities pertinent to meeting the criteria broadly outlined in this letter and the attached Appendix A.

This Department will oversee the assessment and remediation for your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7. The RWQCB may choose to take over as lead agency if it is determined following the completion of the initial assessment that there has been a substantial impact upon ground water.

The PSA proposal is due within 45 days of the date of this letter, or by August 19, 1991. Once this proposal has been reviewed and approved, work should commence no later than September 19, 1991. Accompanying this proposal must be a check payable to Alameda County totalling \$432 to offset expenses incurred by this Department during oversight of this project. This deposit is placed into an account from which money is drawn at the current rate of \$67 per hour as time is dedicated to the project.

A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports must be submitted quarterly until this site qualifies for final RWQCB "sign off". Such quarterly reports are due the first day of the second month of each subsequent quarter (i.e., November 1, February 1, May and August 1).

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization
- o Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.

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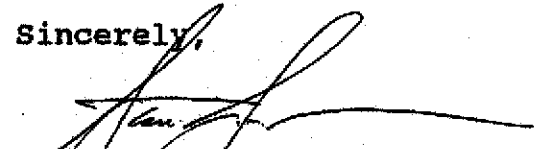
- o Recommendations or plans for additional investigative work or remediation

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. Please include a statement of qualifications for each lead professional involved with this project.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Failure to respond or a late response could result in the referral of this case to the RWQCB for enforcement, possibly subjecting the responsible party to civil penalties to a maximum of \$1,000 per day. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or the RWQCB.

Should you have any questions about the content of this letter, please call me at 415/271-4320.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

enclosure

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Edgar Howell, Chief, Hazardous Materials Division
Gil Jensen, Alameda County District Attorney's Office
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