

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 641

March 1, 1999

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700

Sergeant Burdette S. Shields
California Army National Guard
Organizational Shop #35
16501 Ashland Avenue
San Lorenzo CA 94566

**Subject: Operating permit for one underground storage tank,
located at California Army National Guard,
Organizational Shop #35, 16501 Ashland Avenue,
San Lorenzo CA 94566**

Dear Sergeant Shields:

This letter is intended to guide the California Army National Guard, the owner/operators, in the proper management of the underground storage tank (UST) and to describe actions necessary for compliance with the operating permit conditions.

The installed system at the above location includes one 5,000 gallon double wall steel tank clad with fiberglass containing diesel. Tank leak detection is performed using a Veeder Root TLS 350 monitoring system with an annular space sensor. The suction system is double wall fiberglass pipe with a piping sump sensor. The diesel dispenser is equipped with a Bravo style containment pan with both a mechanical float shutoff mechanism and a solid state liquid sensor to shut off the product if liquid is detected in the pan.

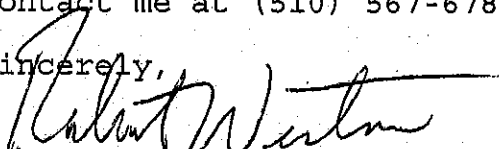
Compliance with the following conditions is a requirement of the permit to operate:

1. Perform leak detection using the sensors and monitoring system as described above and your tank management plan.
2. Maintain written records of all alarm conditions resulting in liquid alarms and their resolution. Maintain records of all maintenance performed on the tank system.
3. **Annually** perform operational tests on the electronic monitoring equipment using technicians qualified to service the Veeder Root TLS 350. The month of **February** is the anniversary for the certification. Each year submit a copy of the certificate to this office, within 30 days of the tests.

4. Maintain a copy of this operating permit and operating conditions on-site.
5. Complete employee training on the operation of the site and document such training at least annually.
6. Any changes in monitoring equipment must be pre-approved by this office prior to implementation.
7. Report changes in facility operator or tank owner on Form A within 30 days of the change.
8. Report unauthorized releases to this office within 24 hours of discovery. Provide a written report within 5 working days.

This permit expires on December 1, 2000. If you have any questions regarding the operation of this tank system please contact me at (510) 567-6781.

Sincerely,


Robert Weston
Sr. Hazardous Materials Specialist

enclosures

c: Tom Peacock, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#641

StId 2690

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

May 2, 1997

Attn: Scott Hilyard
Military Dept., Acct. #42
PO Box 269101
Sacramento CA 95826-9101

Subject: Well destruction request for the National Guard Organization Maintenance Shop No. 35 located at 16501 Ashland Ave., San Lorenzo CA 94580

Dear Mr. Hilyard:

The Alameda County Department of Environmental Health, Environmental Protection Division and the San Francisco Regional Water Quality Control Board have reviewed the case closure summary for the above referenced site and concur that no further action related to the release(s) from the former underground storage tanks is required at this time.

Please be advised that if there are no plans to continue groundwater monitoring, the three groundwater monitoring wells (MW-1, MW-2, and MW-3) at the site must be properly decommissioned before our agency will issue the **Remedial Action Completion Certification** (closure letter). A report must be submitted to this office documenting the abandonment of the monitoring wells or a letter stating your intentions to continue groundwater monitoring at the site.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. Their telephone number is (510)484-2600. Additionally, you will need to notify this office 72 hours in advance of the well abandonment field activities.

Please call me at (510)567-6755 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Homer Lin, Office of State Architect/Special Projects, 400 "P" St., 5th Floor, Sacramento CA 95814
Lisa Rowles, R.G., Geomatrix Consultants, Inc., 100 Pine St., San Francisco CA 94111
Kevin Graves, RWQCB
ALL-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0641

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

StId #2690

December 22, 1994

Alameda County Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Rm. 250
Alameda, CA 94502-6577 CC:430-4510

Mike Golden
Office of the State Architect
Special Programs
400 P St, 5th Floor
Sacramento CA 95814

Subject: Work plan for investigations at 16501 Ashland Ave, San Lorenzo CA

Dear Mr. Golden,

This office has reviewed Geomatrix Consultants, Inc.' work plan, dated December 14, 1994. Per our review and conversation with Lisa Rowles of Geomatrix, this work plan is acceptable to this office provided that the following items are addressed and/or included:


- o Permanent monitoring wells will be installed downgradient of the contamination after the proposed investigation has revealed the plume boundaries of groundwater contamination.
- o Within ninety (90) days after implementing this phase of work, a workplan for the installation of the additional permanent monitoring wells shall be submitted to this office.
- o Proposed soil borings may be redundant based on the fact that the extent of soil contamination appeared to be determined by previous soil boring investigations conducted by Tetra Tech.
- o Please be reminded that groundwater samples are to be collected and analyzed quarterly and water level measurements are to be collected monthly for the existing three (3) wells per Article 5, Title 23 California Code of Regulations. All quarterly reports should be submitted to this office for review.

Groundwater samples should continue to be analyzed for TPH as gasoline, TPH as diesel, and BTEX. Although detection limits for TPH as diesel was reported at 200 ppb for MW-3 in July 1993, guidelines established for reporting limits by the California Regional Water Quality Control Board are 50 ppb for TPH as gasoline, 50 ppb for TPH as diesel, and 0.5 ppb for BTEX.

16501 Ashland Ave
Golden
December 22, 1994
page 2 of 2

Please notify this office at least 48 hours before work begins.
If you have any questions or comments, please contact me at
(510)567-6755.

Sincerely,


Amy L. Leech
Hazardous Materials Specialist

cc: Lisa Rowles, R.G.
Geomatic Consultants, Inc.
100 Pine St
San Francisco CA 94111

Edgar Howell-File(ALL)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

PERMITTING Agency Director



R0641

December 28, 1993

CERTIFIED MAILER #: P 422 218 160

Organizational Maint. Shop #35
16501 Ashland Ave.
San Lorenzo, 94580
UGTID:2690

WILL L. SHANID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
60 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)
16501 Ashland Ave. San Lorenzo, 94580**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- ___ 1. An accurate and complete plot plan.
- ___ 2. A written spill response plan. (enclosed)
- ___ 3. A written tank monitoring plan. (enclosed)
- ___ 4. Results of precision tank test(s), (initial and annual).
- ___ 5. Results of precision pipeline leak detector tests (initial and annual).
- ___ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- ___ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- ___ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- ___ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pam Evans".

PAM EVANS
Sr HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0641

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

December 8, 1993

Mr. Mike Golden
Office of the State Architect
Special Programs
400 P St., 5th Floor
Sacramento, CA 95814

STID 2690

Re: Investigations at 16501 Ashland Avenue, San Lorenzo, CA

Dear Mr. Golden,

On September 20, 1993, this office sent you a letter requiring that you submit a work plan, by November 20, 1993, addressing the installation of at least one additional monitoring well at the above site in order to determine the extent of ground water contamination. To this date, this office has not received this work plan or any communication as to the status of the request.

You are required to submit this work plan **within 30 days** of the date of this letter. Any extension of the required task must be approved in writing by this office or the Regional Water Quality Control Board. This is a formal request for a technical report, pursuant to Section 2722 (c), Article 11, Title 23 California Code of Regulations.

Additionally, it has come to our attention that no Tank Closure Report was ever submitted to this office, documenting the work related to the removal of the 2,000-gallon underground storage tank from the site in April 1993. You are required to submit this report **within 45 days** of the date of this letter. This report shall include, among other things, a figure showing where the soil samples were collected, observations made about any staining or odor from tank pit or soil samples, lab analysis results with the chain-of-custody attached, etc.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

cc: Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0641

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

November 16, 1993

Office of the Adjutant General
Attn: Case-EV (Captain Wells)
P.O. Box 214405
Sacramento CA 95821-0821

RE: O.M.S., 16501 Ashland Av., San Lorenzo

Dear Captain Wells:

In April, 1992, I inspected your San Lorenzo facility for compliance with hazardous materials, hazardous waste and underground storage tank (UST) statutes. I requested additional information on your underground tank monitoring system and an update to your company's Hazardous Materials Management Plan (HMMP).

You have supplied blue-prints for the tanks and tank tightness test results for 1989 through 1991. Your 2,000 gallon tank was recently removed. Before I can issue a permit to operate your remaining 5000 gallon tank, I also will need the following items:

- 1. Written routine tank monitoring procedure for interstitial space and piping** - According to your blue prints, you have a 5000 gallon single walled tank with a pit liner as a secondary containment system. Blue prints do not show monitoring probe locations for the tank or the piping. Your written procedure should diagram or describe their location and function in your overall monitoring program for both tanks.
- 2. Written leak response plan** - This plan must meet the requirements of 2634 (c) and 2632 (e) (2) of Title 23 of the California Code of regulations.
- 3. Completed UST permit application form B** for the remaining tank - No permit can be issued without complete applications.

Office of the Adjutant General
Captain Wells
November 16, 1993
Page 2 of 2

Enclosed you will find a UST management plan questionnaire that you can use to supply the needed tank monitoring and leak response information and the permit form B. I have also enclosed an HMMP form that you may use to update the site's inventory of hazardous materials and wastes. **Please supply the requested information by December 16, 1993.**

You may contact me with any questions at (510)271-4320.

Sincerely,



Pamela J. Evans
Senior Hazardous Materials Specialist

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0641

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

February 23, 1993

Mr. Mike Golden
Office of the State Architect
Special Programs
400 P St., 5th Floor
Sacramento, CA 95814

STID 2690

Re: Required investigations at 16501 Ashland Avenue, San
Lorenzo, California 94580

Dear Mr. Golden,

Per my conversation with you on February 23, 1993, you are required to submit the County's underground storage tank closure permits and Forms A and B, and remove the underground storage tanks at the above site by **March 31, 1993**. Additionally, West & Hansen's work plan, previously submitted to this office in January 1990, is required to be implemented **within 15 days** after the tank removals. Any extensions of the due dates are to be approved by this office. Two extensions for the implementation of the above work have already been granted.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Scott Hilyard
State of California Military Dept.
P.O. Box 214405
Sacramento, CA 95821-0405

Willie Smith
AATR Enterprises
7519 South Western Ave.
Los Angeles, CA 90047

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0641

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

October 23, 1992

Mr. Mike Golden
Office of the State Architect
Special Programs
400 P St., 5th Floor
Sacramento, CA 95814

STID 2690

RE: Required investigations at 16501 Ashland Avenue, San
Lorenzo, California 94580

Dear Mr. Golden,

In December 1989, corrosion holes were discovered in the vent and product lines for the underground storage tank at the above site. Additionally, gasoline contamination was observed to have been released from this piping. In a letter dated December 1, 1989, the Alameda County Health Department required the submittal of a work plan addressing soil and ground water investigations at the site. Although a work plan, prepared by West & Hansen Engineers, Inc., was submitted to this office in January 1990, it appears that, to this date, no efforts have been made to implement this work plan.

You are required to implement this work plan **within 45 days** of the receipt of this letter. Additionally, please submit a figure showing the exact locations of the observed corrosion holes and release in and beneath the piping at the site **within 30 days** of the receipt of this letter.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Scott Hilyard
State of California Military Dept.
P.O. Box 214405
Sacramento, CA 95821-0405

Edgar Howell-File (JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0641

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 20, 1993

Mr. Mike Golden
Office of the State Architect
Special Programs
400 P St., 5th Floor
Sacramento, CA 95814

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

STID 2690

Re: Investigations at 16501 Ashland Avenue, San Lorenzo, CA

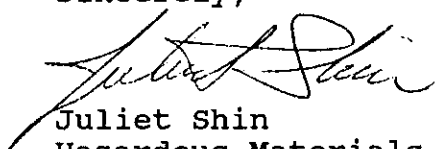
Dear Mr. Golden,

This office has received and reviewed Tetra Tech's Site Investigation Report, dated August 1993. It appears that the extent of soil contamination at the site has been fairly well delineated. Per the grab ground water samples collected from the borings and ground water samples collected from the permanent monitoring wells, elevated concentrations of Total Petroleum Hydrocarbons as gasoline were identified from Boring B3 and B13(MW-3). It appears, therefore, that the extent of the ground water contaminant plume has not yet been delineated.

You are required to submit a work plan, **within 60 days** of the date of this letter, addressing the installation of at least one additional monitoring well, downgradient of the above locations, to further delineate the extent of the ground water contaminant plume. Please be reminded that subsequent to delineating the soil and ground water contamination at the site, you will be required to address the remediation of this contamination.

Lastly, please be aware that quarterly ground water monitoring and reporting must continue at the site in conjunction with any additional work at the site. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Mike Wopat
Tetra Tech, Inc.
180 Howard St., Ste 250
San Francisco, CA 94105-1661

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0641

RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

October 7, 1992

Office of the Adjutant General
Attn: Case-EV (Joe Horton)
P.O. Box 214405
Sacramento CA 95821-0821

RE: O.M.S., 16501 Ashland Av., San Lorenzo

Dear Mr. Horton:

In April, 1992, I inspected your San Lorenzo facility for compliance with hazardous materials, hazardous waste and underground storage tank (UST) statutes. I requested additional information on your underground tank monitoring system and an update to your company's Hazardous Materials Management Plan (HMMP).

You have supplied blue-prints for the tanks and tank tightness test results for 1989 through 1991. Before I can issue a permit to operate your system, I also will need the following items:

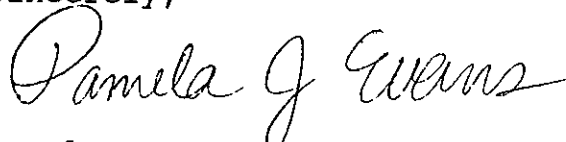
1. **Written routine tank monitoring procedure for interstitial space and piping** - According to your blue prints, you have a 2000 gallon single walled tank and a 5000 gallon single walled tank with a pit liner as a secondary containment system. Blue prints do not show monitoring probe locations for the tanks or the piping. Your written procedure should diagram or describe their location and function in your overall monitoring program for both tanks.
2. **Written leak response plan** - This plan must meet the requirements of 2634 (c) and 2632 (e) (2) of Title 23 of the California Code of regulations.
3. **Completed UST permit application forms A and B** - No permit can be issued without these applications.
4. **1992 tightness test for the 2000 gallon tank** - Latest test results on file in my office are for April, 1991.

Office of the Adjutant General
Joe Horton
October 7, 1992
Page 2 of 2

Enclosed you will find a UST management plan questionnaire that you can use to supply the needed tank monitoring and leak response information, the permit forms and the Title 23 section relevant to the leak response plan requirements. I have also enclosed an HMMP form that you may use to update the site's inventory of hazardous materials and wastes. Please supply the requested information by November 9, 1992.

You may contact me with any questions at (510)271-4320.

Sincerely,



Pamela J. Evans
Senior Hazardous Materials Specialist

c: James Ferdinand, Castro Valley-Eden Fire District

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0641

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

April 25, 1991

Scott Hilyard
State of California Military Department
P.O. Box 214405
Sacramento CA 95821-0405

RE: OMS #35, 16501 Ashland Av., San Lorenzo

Dear Mr. Hilyard:

In January of 1991 we discussed fuel contamination at the above referenced site. In January of 1990, West & Hansen Engineers, Inc., submitted a site assessment workplan for the OMS facility. According to Brian West of West & Hansen, he has received word from your agency to begin implementation. I have reviewed the workplan and find it an acceptable proposal for defining the extent of contamination at the site.

This office must continue to oversee investigation and remediation activities at the site. Quarterly reports must be submitted beginning July 25, 1991. These reports must describe the status of the investigation and must include, at a minimum:

- *The nature and results of all work performed during quarter
- *Status of soil and groundwater characterization
- *Interpretation of data
- *Any recommendations or plans for additional work

All reports and proposals must be signed by a California-Certified Engineering Geologist, California-Registered Geologist or a California-Registered Civil Engineer. Proposal, reports, and analytical results must also be sent to:

Richard Hiatt
San Francisco Regional Water Quality Control Board
2100 Webster St., 4th Floor
Oakland CA 94612

Scott Hilyard
State OMS Site #35
April 25, 1991
Page 2 of 2

Your agency's original deposit of \$333.00 has been exhausted. In order to cover oversight costs for this project, please submit an additional deposit of \$500.00, payable to County of Alameda.

You may contact me with any questions at (415)271-4320.

Sincerely,



Pamela J. Evans
Hazardous Materials Specialist

c: Richard Hiett, Regional Water Quality Control Board
Brian West, West & Hansen Engineers, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0641

Certified Mailer #: P 062 127 712

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

December 1, 1989

Mr. Scott Hilyard
State of California Military Department
P.O. Box 214405
Sacramento, California 95821-0405

Re: Contaminated Soil in the Vicinity of the Existing 2,000 Gallon
Underground Storage Tank at the State Military Department
Organizational Maintenance Shop #35, 16501 Ashland Avenue, San
Lorenzo, California 94580-1798

Dear Mr. Hilyard:

On December 1, I observed the steel piping which had been removed from the existing 2,000 gallon underground storage tank at Organizational Maintenance Shop #35 located at 16501 Ashland Avenue in San Lorenzo. Both the product line and the vent line showed large corrosion holes. The soil in the area where these pipes had been buried had a strong gasoline odor. The magnitude and extent of this contamination must be assessed.

To assess site contamination, we require that you submit a work plan which, at a minimum, addresses the items listed below and presents a timetable for their completion. Please submit this work plan within 45 days of the date of this letter.

All work must be performed according to the following San Francisco Bay Regional Water Quality Control Board (SFRWQCB) documents:

- * Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, 2 June 1988, revised 18 May, 1989 (2 June 1988 SFRWQCB document);
- * Appendix A for above, 1 July 1988, revised 3 April 1989; and

Copies of these documents can be obtained by calling the SFRWQCB at 464-1255 and asking for the data management group.

Items to Address:

1. Site history.

- A. This shall include historic site use and ownership information, a description of the types and locations of any hazardous materials used on site, and a description of any known hazardous materials spills, leaks or accidents.
- B. For each existing and former underground tank on site, include the following information:
 - a) the date of tank installation
 - b) the tank capacity and construction material
 - c) the types of materials stored in the tank
 - d) the dates the tank was used
 - e) a discussion of tank inventory reconciliation/monitoring methods and results
 - f) tank testing dates and results
 - g) estimate of quantity of product lost, if applicable
 - h) the date of tank or piping removal
 - i) the tank or piping condition at the time of removal
 - j) observations made at the time of tank or piping removal (e.g. the tank depth, a log of the stratigraphic units encountered within the excavation, ground water depth, descriptions and locations of stained or odor-bearing soil, descriptions of any free product or sheen observed on ground water, etc.).
 - k) copies of the TSDF to Generator manifests for all hazardous wastes removed - including liquids, residual sludges, soil, and the tank or piping itself
 - l) any other observations

2. Determination of the vertical and lateral extent of soil contamination.

This shall describe the method by which the contaminated soil extent will be determined. Consult the SFRWQCB guidelines and the LUFT manual for soil sampling protocols. Any soil borings are to be permitted through Alameda County Flood Control and Water Conservation District, Zone 7. Borings shall be logged from undisturbed soil samples. Logs shall include observed soil odors; blow counts shall be expressed in blows per 6 inches of drive.

Soil samples must be analyzed by a California State Certified Laboratory for the appropriate constituents (see Attachment 1, Table 2, 2 June 1988 SFRWQCB document).

Page 3 of 4
Mr. Scott Hilyard
State Military Department, Shop #35
December 1, 1989

3. Sampling and remediation or disposal of excavated, stockpiled soil and fill.

The soil stockpiled beside the 2,000 gallon tank must be sampled and either disposed of or remediated.

The number of samples collected from the stockpile(s) must be adequate to characterize the soil for the soil handling method.

4. Reporting.

A. A technical report must be submitted by March 1, 1990 which presents and interprets the information generated during the initial subsurface site investigation. At a minimum, the report must include the following items:

- * site history information
- * records of field observations and data
- * chain-of-custody forms
- * tabulations of soil contaminant concentrations
- * status of soil contamination characterization
- * description of any remedial work performed
- * laboratory-originated analytical results for all samples collected
- * copies of TSDF to Generator manifests for any hazardous wastes hauled off site
- * any recommendations for additional investigative or remedial work

B. All reports and proposals must be signed by a California-Certified Engineering Geologist, California-Registered Geologist or a California-Registered Civil Engineer (see page 2, 2 June 1988 SFRWQCB document). A statement of qualifications for each lead professional should be included in all workplans and reports.

C. The technical report should be submitted with a cover letter from the State of California Military Department and received in this office by the established due date.

5. Site Safety Plan.

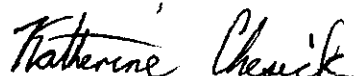
Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" form which must be completed and returned within five working days. Please send the entire completed form to our office.

Page 4 of 4
Mr. Scott Hilyard
State Military Department, Shop #35
December 1, 1989

All proposals, reports and analytical results pertaining to this investigation and any ensuing remediation must be sent to our office and to Lester Feldman of the Regional Water Quality Control Board, San Francisco Bay Region, (415) 464-1255.

Should you have any questions, please contact me at (415) 271-4320.

Sincerely,



Katherine Chesick
Senior Hazardous Materials Specialist

attachments

cc: Bob Corsun, R. S. Eagan & Co.
Aaron Phillips, State Military Department Environmental
Section
Stephen Medford, Office of the State Architect
Charles Kohoutek, State Military Department Organizational
Maintenance Shop #35
Lester Feldman, San Francisco Bay Regional Water Quality
Control Board
Howard Hatayama, State Department of Health Services
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Division
Rafat A. Shahid, Alameda County Environmental Health
Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0641

Certified Mailer #: P 062 127 692

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

October 27, 1989

Mr. Scott Hilyard
State of California Military Department
P.O. Box 214405
Sacramento, California 95821-0405

Re: Underground Storage Tank Installation and Repiping Plan
Acceptance and Requirements for Permitting the Proposed Tank,
State Military Department Organizational Maintenance Shop #35,
16501 Ashland Avenue, San Lorenzo, California 94580-1798

Dear Mr. Hilyard:

We have reviewed and approved the plans to repipe the existing 2,000-gallon underground gasoline storage tank and to install a new 5,000-gallon underground diesel storage tank at the State Military Department Organizational Maintenance Shop #35 (OMS #35) at 16501 Ashland Avenue in San Lorenzo. **As a condition of our plan acceptance, we require the following:**

- * submittal of as-builts within 30 days of work completion; and
- * inspection of the 5,000-gallon tank cathodic protection system no less than semi-annually, per Title 23, Section 2635 (b)(4). The inspection must be done under the direction of a registered corrosion engineer or National Association of Corrosion Engineers corrosion specialist.

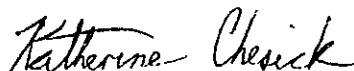
In order for the proposed 5,000 gallon tank to be permitted for use, the following items must be submitted within 60 days of installation completion:

- 1) Tank test results;
- 2) A completed underground storage tank permit application (Part B enclosed. Part A has already been sent to you. Only one Part A need be completed per facility);
- 3) A written routine tank monitoring procedure per Title 23, Section 2632 (d)(1); and
- 4) A written response plan per Title 23, Section 2632 (d)(2).

Page 2 of 2
Mr. Scott Hilyard
State Military Department, Shop #35
October 27, 1989

Should you have any questions, please contact me at (415)
271-4320.

Sincerely,



Katherine Chesick
Hazardous Materials Specialist

enclosure

cc: Bob Corsun, R. S. Eagan & Co.
Aaron Phillips, State Military Department Environmental
Section
Stephen Medford, Office of the State Architect
Charles Kohoutek, State Military Department Organizational
Maintenance Shop #35
Rafat A. Shahid, Alameda County Environmental Health
Department
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0641

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

Certified Mailer #: P 062 128 091

September 25, 1989

Mr. Scott Hilyard
State of California Military Department
P.O. Box 214405
Sacramento, California 95821-0405

Re: Monitoring of the Existing Underground Storage Tank at the
State Military Department Organizational Maintenance Shop #35,
16501 Ashland Avenue, San Lorenzo, California 94580-1798

Dear Mr. Hilyard:

On September 21, 1989, Katherine Chesick, Hazardous Materials Specialist with our office, attended a meeting with you at the State Military Department Organizational Maintenance Shop #35 (OMS #35) at 16501 Ashland Avenue in San Lorenzo. Stephen Medford, Salomon Lee, Chuck Brownfield (all with the Office of the State Architect), R. Smith (March Construction Company) and Robert Corsun (R. S. Eagan) were also present. At this meeting, it was decided that the existing steel underground storage tank at OMS #35 would remain in place and that the existing piping would be upgraded to double-walled piping. It was also confirmed that Monitoring Alternative 5 (Inventory Reconciliation) would continue to be used to monitor the tank.

Please submit the following items within 60 days of the piping upgrade in order to receive a five-year permit for this tank:

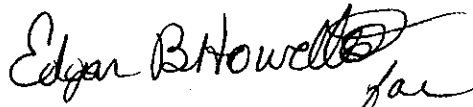
- 1) Results of the most recent tank test. We strongly recommend a tank test be performed following completion of the piping upgrade. With the use of Alternative 5, tank must be tested annually at a minimum;
- 2) Documentation of daily inventory reconciliation. Inventory reconciliation performance and the error allowed must be in accordance with Sections 2641(c)(5) and 2644 of the California Code of Regulations Title 23.
- 3) A revised underground storage tank permit application (enclosed, Parts A and B);

As was discussed in the meeting, the piping upgrade must be permitted through our office.

Page 2 of 2
Mr. Scott Hilyard
State Military Department, Shop #35
September 25, 1989

Should you have any questions, please feel free to contact
Katherine Chesick at (415) 271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Edgar B. Howell". The signature is written in dark ink and is positioned above the typed name of Rafat A. Shahid.

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:kac

enclosures

cc: Aaron Phillips, State Military Department Environmental
Section
Stephen Medford, Office of the State Architect
Charles Kohoutek, State Military Department Organizational
Maintenance Shop #35
Katherine Chesick, Alameda County Hazardous Materials Division
Files