

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R01080

RAFAT A. SHAHID, Assistant Agency Director

November 7, 1994

Mr. Jeff M. Jones
Safety Officer
Alameda County Flood Control and Water Conservation District
8750 Patterson Pass Road
Livermore, CA 94550

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

Re: Comments on the installation of two 12,000 gallon sodium hypochlorite storage tanks at Del Valle Water Treatment, 601 East Vallecitos Rd., Livermore, CA 94550

Dear Mr. Jones:

Alameda County Health Care Services Agency, Environmental Protection Division has received and reviewed the installation plans for two 12,000 gallon vertical storage tanks proposed for the storage of sodium hypochlorite associated with the subject water treatment plant. Secondary containment (26,400 gallon capacity) is also specified. Product delivery piping to the treatment plant is 3" pvc, secondary piping 6" pvc. Product lines will either slope towards a containment sump or back to the tank secondary containment area.

The following Fire Code issues were noted requiring consideration or further information prior to final approval:

- 1) The plans do not indicate whether the tank farm is within 150 feet from a twenty foot wide fire truck access.
- 2) A minimum of six concrete filled pipes (2' below and 4' above the ground surface) surrounding the tank storage and secondary containment area are required.
- 3) Fill ports for product delivery must be within the secondary containment and meet best available engineering standards.
- 4) Fire code requires NFPA placarding in hazardous materials storage areas.

As discussed in our telephone conversation, Chapter 6.95 of the Health and Safety Code requires:

A Hazardous Materials Business Plan listing all hazardous materials stored on the premises exceeding 55 gallons; liquid, 500 lbs.; solid and 200 cubic feet; compressed gas, is required (see enclosure).

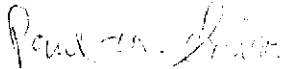
Mr. Jones
November 7, 1994
page 2 of 2

Final approval of this project is conditional to the completion of the above.

Also the inter-department service order (IDSO) # 75337 funds of \$300 have been depleted. The current account balance is \$-217.50. Therefore, you are requested to remit an additional \$400 for previous and anticipated Division expenses incurred to carry this project to completion. The deposit/refund mechanism is authorized in Section 3-180.3 of the Ordinance Code of the County of Alameda. Please forward additional IDSO documentation to my attention.

Please feel free to contact me with any questions you may have at 567-6700.

Sincerely,



Paul M. Smith
Senior Hazardous Materials Specialist

C:

Jim Ferdinand, Ala. Co. Fire Prevention Bureau

Alameda Co. Planning Dept., 399 Elmhurst Street, Hayward, CA
94544

Alameda Co. Building Inspection Department, 399 Elmhurst
Street, Hayward, CA 94544

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01080

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

StID 4138

August 1, 1994

Mr. Brian West
West & Associates
P.O. Box 5891
Vacaville, CA 95696

RE: Workplan Approval for 601 E. Vallecitos Rd, Livermore

Dear Mr. West:

I have completed review of the revisions proposed for the next phase of field investigation at the above referenced site. The workplan is acceptable and field work should commence by **September 19, 1994**. Please notify this office at least 72 hours prior to the start of field activities.

If you have any questions, I can be reached at (510) 567-6700.

Sincerely,

eva chu
Hazardous Materials Specialist

cc: Jaime Rios, Zone 7, QIC 80201
files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01080

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

StID 4138

July 8, 1994

Mr. Brian West
West & Associates
P.O.Box 5891
Vacaville, CA 95696

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: Workplan Addendum for 601 E. Vallecitos Rd, Livermore

Dear Mr. West:

I have completed review of West & Associates' June 1994 Proposed Site Assessment Workplan for the above referenced site. Upon review of the workplan and the case file, it is noted that an error was made in the labelling of soil samples collected at the time of the tank removal. The fill end of the tank was toward the south, that is, soil sample SN-2 and S-1 were collected from the south end of the former tank pit. Therefore, changes are required in your workplan. My recommendations are as follow:

1. Boring 1 and 2 are not necessary,
2. Boring 5 should be continuously cored to 50' below ground surface, or first encountered groundwater, whichever is less,
3. A groundwater grab sample should be collected from Boring 5, if groundwater is encountered,
4. Soil with obvious contamination should also be analyzed for PNAs, and
5. It does not appear necessary to sample well 1+00 which is at least 200 feet from the former tank pit.

If these recommendations are acceptable to you, please send an amended workplan to this office by **July 29, 1994**. Our office has moved to: 1131 Harbor Bay Parkway, 2nd Floor, Alameda, CA 94502. Our phones are not yet connected, but I may be reached at (510) 271-4330. Please do not hesitate to call if you have any questions or comments about the content of this letter.


eva chu
Hazardous Materials Specialist

cc: Jaime Rios, Zone 7, QIC 80201
files (zone7.2)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R01080

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

StID 4138

March 4, 1994

Mr. Jaime Rios
Zone 7 Water Agency
5997 Parkside Dr
Pleasanton, CA 94588

Subject: SWI at 601 E. Vallecitos Rd., Livermore 94550

Dear Mr. Rios:

I have completed review of Light, Air and Space's January 1994 Tank Removal Report for the above referenced site. When a 2,000 gallon diesel underground storage tank (UST) was removed, soil samples collected from native soil beneath the UST exhibited up to 120 ppm TPH-D, 27 ppb toluene and did not detect benzene, ethylbenzene or xylenes. The fill end of the pit was overexcavated to a depth of 16' where soil collected exhibited 75 ppm TPH-D and did not detect BTEX.

At this time additional investigations are required to determine if groundwater has been impacted by the fuel release at the site. Such an investigation shall be in the form of a **Soil, Groundwater Investigation**, or SWI. The information gathered by the SWI will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The SWI must be conducted in accordance with the RWQCB Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached Appendix A.

The SWI proposal is due within 45 days of the date of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for RWQCB "sign off." All reports and proposals must be submitted under seal of a California Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer.

Please be advised that this is a formal request for technical reports pursuant to Title 23, CCR, Section 2722(c). Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by this agency.

Jamie Rios
re: SWI at 601 E. Vallecitos
March 4, 1994

Page 2

Should you have any questions about the content of this letter,
please contact me at (510) 271-4530.

Sincerely,



eva chu
Hazardous Materials Specialist

enclosure

cc: files

zone7.1