

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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

REMEDIAL ACTION COMPLETION CERTIFICATION

January 5, 1994

Nancy Cotteral
57 Warfield Dr.
Moraga, California 94556

STID 3720, Post Tool, 400 Oak St., Oakland, CA 94607

Dear Nancy Cotteral:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, this office has determined that no further action is required at this time.

Based on the information submitted and current requirements, the RWQCB has also accepted the determination of this agency that no further action is required at this time. Further work could be required if conditions change or a water quality threat is discovered at the site.

If you have any questions regarding this letter, please give Thomas Peacock a call at (510) 271-4530.

Very truly yours,

A handwritten signature in cursive script that reads "Rafat A. Shahid".

Rafat A. Shahid
Assistant Agency Director

RAS:TP:st

c: Edgar B. Howell, Chief, Hazardous Materials Division
Files
Steve Block, Hilltop Construction, P.O. Box 405, Moraga, CA
94556
Nels Johnson, SCS Engineers, 6761 Sierra Ct., Suite D,
Dublin, CA 94568
Rich Hiett, RWQCB
Mike Harper, SWRCB, attachment

LOP\Completion

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

Date: 1-5-94

I. AGENCY INFORMATION

Agency name: Alameda County-HazMat Address: 80 Swan Wy., Rm 200
City/State/Zip: Oakland Phone: (510) 271-4320
Resp. staff person: Thomas Peacock Title: Supervising HMS

II. CASE INFORMATION

Site facility name: Post Tool
Site facility address: 400 Oak St., Oakland, CA 94607
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3720

URF filing date: 3/17/92 SWEEPS No: N/A

Responsible Parties:

Steve Block
Hilltop Construction

Addresses:

P.O. Box 405
Moraga, CA 94556

Phone Numbers:

Nancy Cotteral

57 Warfield Dr.
Moraga, Ca 94556

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	5,000	diesel	removed	4-26-91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete? YES

Date approved by oversight agency: 12/23/91

Monitoring Wells installed? YES How Many: 2, however a well next door was used during 1 event to confirm gradient.

Proper screened interval? No, see additional comments. This matter has been discussed with Rich Hiatt, who has accepted SCS Engineers explanation.

Highest GW depth below ground surface: 4.36' Lowest depth: 7.34'

Flow direction: S74W

Most sensitive current use: unknown

Are drinking water wells affected? NO Aquifer name: Merritt sand

Underground Tank Removal Process

Page 3 of 3

2. Define the horizontal and vertical extent of any groundwater contamination, both on and off-site. This will include monitoring well construction and regular groundwater sampling.
3. Interpret hydrogeologic data, including characterization of the appropriate aquifer(s).
4. If groundwater is contaminated, determine the type of beneficial uses of the groundwater. The San Francisco Bay Regional Water Quality Control Board Water Quality Control Plan (Basin Plan) has defined all Bay Area water as having beneficial uses. However the types of beneficial uses vary and must be determined in order to establish appropriate cleanup levels (see the State Water Resources Control Board Sources of Drinking Water Policy, #88-63).
5. Develop a site-specific remediation plan. This plan shall include an evaluation of cleanup alternatives, a proposal for soil cleanup, a proposal for clean up of any groundwater contamination and free product, an appropriate sampling plan to determine the effectiveness of the cleanup program, and a time table for remediation plan implementation.

After the remediation program is completed and the final report is submitted, this office will review the case. If appropriate, this office will submit the case to the San Francisco Bay Regional Water Quality Control Board for final site mitigation approval and case closure. Failure to provide proper documentation of all site cleanup work could result in the requirement to conduct properly documented additional work.

If you have any questions or require further clarification regarding the underground storage closure process within Alameda County, please contact this office at 415/271-4320.

Sincerely,



Edgar B. Howell, Chief
Hazardous Materials Division

EBH:KC:mam

rev 12/90

Leaking Underground Fuel Storage Tank Program

Is surface water affected? NO Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations): NA

Report(s) on file? YES Where is report(s) filed? Alameda County
80 Swan Wy., Rm 200
Oakland CA 94621

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment of Disposal w/destination)</u>	<u>Date</u>
Tanks	5000 gal.	disposal-Eickson, Richmond	4-26-91
Piping			
Free Product	250 gal. rinsate from tank	disposal, Kiesel, St. Louis	4/25/91
Soil	1 ton	disposal-Port Costa Materials thermal treatment	11/13/91
Groundwater Barrels	55 gal. ea. purge	sewer disposal, not contaminated	

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppm)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)			200	ND
TPH (Diesel)	1330	ND	5	ND
Benzene	ND	ND	ND	ND
Toluene	.006	ND	2	ND
Xylene	.006	ND	1	ND
Ethylbenzene	ND	ND		
Other:				

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES

Site management requirements: NA

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommissioned : No

Number Decommissioned: 0

Number Retained: 2

ALAMEDA COUNTY - ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION

MEMORANDUM

DATE: May 3, 1991

TO : Staff

FROM: Katherine

SUBJ: Waste Minimization Assessment Paperwork

One of the mail boxes in the copy room has been set aside for waste minimization assessment paperwork; it is labelled "waste min assessment paperwork". Please put pages 1, 2 and 6 of your completed assessment forms in this box. I will collect them from there.

Thanks!

Leaking Underground Fuel Storage Tank Program

List enforcement actions taken: N/A

List enforcement actions rescinded: N/A

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Thomas Peacock

Signature: *Thomas Peacock*

Title: Supervising HMS

Date: 12-27-93

Reviewed by:

Name: Jennifer Eberle

Signature: *Jennifer Eberle*

Title: Haz Mat Specialist

Date: 12-27-93

Name: Madhulla Logan

Signature: *Madhulla Logan*

Title: Haz Mat Specialist

Date: 1-3-94

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/4/93*

RB Response: no response

RWQCB Staff Name: Rich Hiett

Title: San. Engineering Asso.

Date: 1-4-94

*original referral submitted to RWQCB on 6/4/93

VII. ADDITIONAL COMMENTS, DATA, ETC.

Wells were sampled on Sep 91, Dec 91, 1/7/92, 6/17/92, 10/19/92, and 1/14/93. Although there were only 2 wells on site, the gradient was confirmed by using well data from the adjacent Peerless site to the south. The Peerless site, located at 225 Fallon St., has 3 MWS. These wells were monitored in Dec. 1988 for GWE; groundwater was found to flow in a westerly-southwesterly direction. This was the only GWE monitoring event at the Peerless site. Groundwater is believed to be tidally influenced in the vicinity of the Peerless site. There have been questions concerning the well screening and groundwater gradient in the area. These have been adequately addressed in the May 20, 1993 report. There has not been any contamination found for 4 quarters. Had any contamination been in the capillary fringe, the recharge of water, shallowness of the groundwater, the monitoring over 4 quarters, the downward flow of groundwater, and the change of water table elevation would have resulted in some contamination being found. None was. Although there are questions concerning the gradient, especially with the railroad spur in between, both wells on this property are essentially down gradient from the tank pit and, therefore, good monitors of any contamination to be found. Recommend case closure.

ALAMEDA COUNTY - ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION

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