

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

May 4, 1994

Mr. Werner Nagengast
920 Happy Valley Rd
Pleasanton, CA 94566

StID 855 - 10222 Pearmain St, Oakland, CA 94603

Dear Mr. Nagengast:

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 Ms. Eva Chu a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Rich Hiatt, RWQCB
Mike Harper, SWRCB (with attachment)
files

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	One UST	Taken to H&H Shipping, S.F.	1/23/90
Piping			
Free Product			
Soil	Unknown quantity backfill	Reused as fill	
Groundwater			
Barrels			

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	260	260	60	ND
TPH (Diesel)				
Benzene	ND	ND	1.3	ND
Toluene	ND	ND	1.2	ND
Ethylbenzene	ND	ND	ND	ND
Xylenes	5.7	ND	10	ND
Oil & Grease				
Heavy metals				
Other				

Comments (Depth of Remediation, etc.):

Not all the contaminated soil was removed from the UST pit. Up to 260 ppm TPH-G, and 5.7 ppm xylenes remains in place. Excavation was limited due to the integrity of the building and street on either side of the tank pit. Contamination appears limited to the upper 15' of clay soil. Groundwater does not appear to have been impacted by the release of fuel products at the site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **YES**
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **YES**
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **NO, pending site closure**
 Number Decommissioned: **0** Number Retained: **One**
 List enforcement actions taken: **None**
 List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Eva Chu** Title: **Haz Mat Specialist**

Signature: *Eva Chu* Date: **4/18/94**

Reviewed by

Name: **Barney Chan** Title: **Haz Mat Specialist**

Signature: *Barney Chan* Date: **4/18/94**

Name: **Jennifer Eberle** Title: **Haz Mat Specialist**

Signature: *J Eberle* Date: **4-18-94**

VI. RWQCB NOTIFICATION

Date Submitted to RB: RB Response:

RWQCB Staff Name: **Rich Hiett** Title: **San. Engr. Assoc.**

Signature: Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 500 gallon gasoline UST was removed in January 1990, soil samples collected from beneath the tank exhibited up to 260 ppm TPH-G and 5.7 ppm xylenes. On June 1991 one monitoring well was installed within 10' of the former tank pit, in the assumed downgradient direction. (Water elevation data from monitoring wells located two blocks away show groundwater to flow consistently to the west.) Soil samples collected from 5, 10, 15, and 25' depth in this boring did not detect TPH-G or BTEX. The well has been sampled five times, in June and October 1991, January, February and September 1992. The initial groundwater sample exhibited 1.3 ppb benzene, 1.2 ppb toluene, 10 ppb xylenes, and 60 ppb TPH-G. Subsequent sampling episodes did not detect petroleum hydrocarbon constituents.

Not all the contaminated soil was removed, but the contamination appears to be localized and limited to the upper 15' of clay soil. When monitoring well MW-1 was installed, groundwater was first encountered at 15.5' depth, in a clay, sand layer beneath the less permeable and possible clay aquitard found at 10-15' depths (see attached well log). There is no record the tank overburden was ever characterized. It was re-used to backfill the pit. However, groundwater does not appear to be impacted with the contaminated soil left in place.

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 4/18/94

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: *Barney Chan* Date: 4/18/94

Name: Jennifer Eberle Title: Haz Mat Specialist

Signature: *J. Eberle* Date: 4-18-94

VI. RWQCB NOTIFICATION

Date Submitted to RB:

RB Response: *Concur*

RWQCB Staff Name: Rich Hiett

Title: San. Engr. Assoc.

Signature: *R. Hiett* Date: 4.27.94

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 500 gallon gasoline UST was removed in January 1990, soil samples collected from beneath the tank exhibited up to 260 ppm TPH-G and 5.7 ppm xylenes. On June 1991 one monitoring well was installed within 10' of the former tank pit, in the assumed downgradient direction. (Water elevation data from monitoring wells located two blocks away show groundwater to flow consistently to the west.) Soil samples collected from 5, 10, 15, and 25' depth in this boring did not detect TPH-G or BTEX. The well has been sampled five times, in June and October 1991, January, February and September 1992. The initial groundwater sample exhibited 1.3 ppb benzene, 1.2 ppb toluene, 10 ppb xylenes, and 60 ppb TPH-G. Subsequent sampling episodes did not detect petroleum hydrocarbon constituents.

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