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

July 28, 1994
STID 3995

REMEDIAL ACTION COMPLETION CERTIFICATION

Tim O'Connor
Jorgensen-Kilsby
31100 Weigman Rd.
Hayward CA 94544

Dear Mr. O'Connor,

This letter confirms the completion of site investigation and remedial action for the two former 10,000-gallon diesel underground storage tanks at the above referenced site.

Based on the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations.

If you have any questions regarding this letter, please contact Jennifer Eberle at (510) 567-6700.

Very truly yours,

R.C.A. Shd

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division/files
Kevin Graves, RWQCB
Mike Harper, SWRCB
Bob Kraus, Gary Steel, 2560-7th St., Berkeley CA 94710
Jennifer Eberle

LOP/Completion
je 3995clos.let

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date:** 6/28/94

Agency name: **Alameda County-HazMat** Address: **80 Swan Wy., Rm 200**
City/State/Zip: **Oakland** Phone: **(510) 271-4320**
Responsible staff person: Jennifer Eberle
Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: Jorgensen Steel & Aluminum
Site facility address: 1699 W. Grand Ave., Oakland CA 94607
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: 3995
URF filing date: 9/9/92 SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Tim O'Connor, Jorgensen- ~~Steel & Aluminum,~~	~~1699 W. Grand Ave., Oakland CA 94607~~ Kilsby, 31100 Weigman Rd, Hayward 94544	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	10,000 gal	diesel	removed	9/2/92
2	10,000 gal	diesel	removed	9/2/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: diesel release apparently from leaking dispenser piping
Site characterization complete? YES
Date approved by oversight agency:
Monitoring Wells installed? YES Number: 4
Proper screened interval? YES (3.5' to 12')
Highest GW depth below ground surface: ~~4'~~ 3.0' Lowest depth: 4.5'
Flow direction: N (consistently)
Most sensitive current use:
Are drinking water wells affected? NO Aquifer name: Merritt
Is surface water affected? NO Nearest affected SW name:
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:

Material	Amount (include units)	Action (Treatment of Disposal w/destination)	Date
Tanks	two 10,000 gal	disposed at H&H in SF	9/2/92
Piping	disposed w/the tanks		
oil & water	1,000 gal	disposed at H&H in SF	8/31/92
Soil	216 yd3	disposed at BFI's Vasco Rd. landfill in Livermore, on 10/12/92	

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)
Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppb) Before	Water (ppb) After
TPH (Gas)	NA		NA	
TPH (Diesel)	1,100*	ND	83,000**	ND***
Benzene	ND	ND	1.9	ND
Toluene	.092	ND	ND	ND
Xylene	.540	ND	234	ND
Ethylbenzene	.060	ND	.71	ND

Comments (Depth of Remediation, etc.):
* dispenser (other diesel hits: 80 ppm in SP, 52 ppm in pit at 7'bgs in capillary fringe)
** water in pit
*** from MWs

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? NO

Monitoring wells Decommisioned: NOt yet

Number Decommisioned: Number Retained:

List enforcement actions taken: none

List enforcement actions rescinded: none

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Jennifer Eberle Title: Haz Mat Specialist
Signature: Jennifer Eberle Date: 6/28/94

Reviewed by
Name: Eva Chu Title: Haz Mat Specialist
Signature: Eva Chu Date: 7/5/94

Name: Barney Chan Title: Haz Mat Specialist
Signature: Barney Chan Date: 7/6/94

Leaking Underground Fuel Storage Tank Program

VI. RWQCB NOTIFICATION

Date Submitted to RB: 7-6-94 RB Response: Approved

RWQCB Staff Name: Kevin Graves Title: AWRCE Date: 7/26

VII. ADDITIONAL COMMENTS, DATA, ETC.

Two 10K diesel USTs removed on 9/2/92. They were tar-wrapped and had no obvious holes. Soil in both pits appeared to be contaminated. GW was present in pits at 6-8'bgs. The two hot spots (dispenser and N end of Tank 1) were overexed on 9/23/92. The soil types were 4-5' of fill over 1-1.5' sand, underlain by bay mud. It appears that the contamination travelled vertically until it hit the sand, then travelled laterally; the bay muds appeared to have prevented further downward migration. 12 confirmatory samples were taken after overex; all were ND for TPH-d and BTEX. Approx. 35 yd3 of excavated soil was deemed clean (TPH <10 ppm and ND BTEX), and was reused. Approx. 216 yd3 soil was deemed dirty and offhauled.

One MW was installed on 11/20/92, based on a NW gradient, as determined from the wells at Will's Freight (1700 W. Grand Ave) and Zellerbach (2230 Willow St.). These two sites are adjacent to Jorgensen's. The nearest offsite well is about 100 yd. GW was first encountered at 4'bgs during drilling. It was screened from 3.5' to 12'. MW-1 was ND for TPHd and BTEX on 11/30/92 and on 3/5/93.

JE had discussions w/consultant and w/R. Hiett re reliability of gw gradient data from the nearby sites, as applied to Jorgensen. RP agreed to install 2 more MWs. However, they opted to install <u>three more</u> wells in June 93. GW was first encountered at 4'. GW flow direction was determined to be N, placing MW-3 upgradient and MW2 and 4 as downgradient. Soils in the borings were ND for TPHd and BTEX. GW sampled in June 93 was ND except 270 ppb TPHd in crossgradient MW-1.

GW sampled on 9/16/93 was all ND except 93 ppb TPHd in downgradient MW-2. TDS was measured in MW-3 on 10/14/93 as 8800 mg/L. GW sampled on 2/7/94 was all ND except 110 TPHd downgradient MW-2 and 290 TPHd in crossgradient MW-1. GW sampled on 5/13/94 was all ND! Gw flow direction remained consistent, to the N. This makes 4 Qs ND BTEX, and TPHd ranging from ND to 290 ppb.