

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

April 6, 1994
STID 1044

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Stephen Schulman Agent for Shiochi & Meiko Samura
525 Market St., 18th Floor
San Francisco, CA 94105

SUBJECT: **Case Closure**
ABC Trading Company
860 81st Ave., Oakland, CA 94621

Dear Mr. Schulman:

This letter confirms the completion of site investigation and remedial action for the two former underground storage tanks (1-2000 gallon gasoline and 1-2000 gallon diesel) 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 Barney Chan a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division/files
Rich Hiatt, RWQCB
Mike Harper, SWRCB
J. Jacobs, Artesian Environmental, 3175 Kerner Blvd., Suite
E., San Rafael, CA 94901

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 2/10/94

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

II. CASE INFORMATION

Site facility name: ABC Trading Co.

Site facility address: 860 81st Ave., Oakland CA 94621

RB LUSTIS Case No: N/A **Local Case No./LOP Case No.:** 1044

filing date: 12/16/91 **SWEEPS No:** N/A

Responsible Parties: **Addresses:** **Phone Numbers:**

Attn: Stephen Schulman 525 Market St., 18th Floor
Shiochi & Meiko Samura San Francisco, CA 94105

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	2000	Gasoline	Removed	12/17/91
2	2000	Diesel	Removed	12/17/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown cause, minimal groundwater

Site characterization complete? Yes.

Date approved by oversight agency:

Monitoring Wells installed? YES **Number:** 3

Proper screened interval? YES

Highest GW depth below ground surface: 4.02' **Lowest depth:** 6.2'

Flow direction: West-southwesterly, in the regional direction.

Leaking Underground Fuel Storage Tank Program

Most sensitive current use: Undetermined

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

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

Off-site beneficial use impacts (addresses/locations): None

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>
Tank	2-2000 gallon	Disposed at Erickson	12/17/91
Piping			
Soil	235 cy	Disposed at McKittrick Disposal site	
Groundwater	10,000 gallons	Erickson transferred to Gibson Pilot Facility	1/3/92

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<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)	4.5	ND	-	ND
TPH (Diesel)	68	3.0	-	ND
Benzene	ND	ND	-	ND
Toluene	6.9	ND	-	ND
Xylene	38	ND	-	ND
Ethylbenzene	8.7	ND	-	ND
Oil & Grease (418.1)	-	-	8600	-
Total Lead	7.95			
Other				

Comments (Depth of Remediation, etc.): The initial grab water sample was analyzed for TOG via EPA method 418.1 since it appeared that the wrapping of the tank had dissolved. After purging the pit only the contents of the former tanks were analyzed, gas, diesel and BTEX.

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: N/A

Leaking Underground Fuel Storage Tank Program

Should corrective action be reviewed if land use changes? NO

Monitoring wells Decommissioned: NO

Number Decommissioned: 0

Number Retained: 3

List enforcement actions taken: None

List enforcement actions rescinded: None

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan

Title: Hazardous Materials Specialist

Signature: *Barney M Chan*

Date: 3/2/94

Reviewed by

Name: Jennifer Eberle

Title: Hazardous Materials Specialist

Signature: *J Eberle*

Date: 2-14-94

Name: Susan Hugo

Title: Sr. Haz Mat Specialist

Signature: *Susan L Hugo*

Date: 3/1/94

VI. RWQCB NOTIFICATION

Date Submitted to RB: March 2, 1994

RB Response:

RWQCB Staff Name: R. Hiett

Title: San Engineering Assoc. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary for 860 81st Ave., Oakland CA 94621
StID # 1044, former ABC Trading Co.

This site is approximately 3 acres of which is largely occupied by a warehouse and loading dock. It is currently unoccupied.

On **December 16, 1991** two 2000 gallon underground tanks containing gasoline and diesel fuel were removed. Holes were observed in the diesel tank and liquid was observed flowing from the tank into the pit. Groundwater was present at approximately 9'.

Soil samples were taken on the four sidewalls of the pit at approximately 8', just above groundwater. The pit was overexcavated on **January 3, 1992** with an additional eight sidewall samples taken, two from each side. The results of these soil samples found ND gasoline, only 3.0 ppm TPHd and ND for BTEX. Approximately 10,000 gallons of water was also pumped from the excavation on **January 3, 1992** due to extensive rain and runoff from this site and as a potential source removal step.

On **April 8, 1992** three groundwater monitoring wells were installed around the tank pit. Five monitoring events occurred on **4/15/92, 7/24/92, 10/15/92, 1/29/93 and 4/16/93** yielding nearly all non-detect results, see attached results. The gradient has been consistent, west-southwesterly, and monitoring well MW-3 has been the downgradient or cross-gradient well at all times.

It appears that most of the soil contamination has been removed and that groundwater has been appropriately monitored for over one year.

Closure Report
 Shiochi and Meiko Samura Trust
 860 81st Avenue
 Oakland, California

TABLE 4 - SUMMARY OF LABORATORY ANALYTIC DATA FROM QUARTERLY GROUNDWATER SAMPLING REPORTS (Last Quarterly Groundwater Sampling Event 4/16/93).

Sample ID No.	Date Sampled	TPH-d ppb	TPH-g ppb	B ppb	T ppb	E ppb	X ppb
MW-1	4/15/92	ND	ND	ND	1.2	ND	ND
MW-1	7/24/92	ND	ND	ND	ND	ND	ND
MW-1	10/15/92	ND	ND	ND	ND	ND	ND
MW-1	1/29/93	ND	ND	ND	ND	ND	ND
MW-1	4/16/93	ND	ND	ND	ND	ND	ND
MW-2	4/15/92	ND	ND	ND	ND	ND	ND
MW-2	7/24/92	ND	ND	ND	ND	ND	ND
MW-2	10/15/92	ND	ND	ND	ND	ND	ND
MW-2	1/29/93	ND	ND	ND	ND	ND	ND
MW-2	4/16/93	ND	ND	ND	ND	ND	ND
MW-3	4/15/92	650*	ND	ND	ND	ND	ND
MW-3	7/24/92	ND	ND	ND	ND	ND	ND
MW-3	10/15/92	ND	ND	ND	3.2	ND	2.1
MW-3	1/29/93	ND	ND	ND	ND	ND	ND
MW-3	4/16/93	ND	ND	ND	ND	ND	ND

* Chromatogram peaks for this sample elute in the diesel range, but no pattern is present

NOTES:

TPH-d Total Petroleum Hydrocarbons as diesel
 TPH-g Total Petroleum Hydrocarbons as gasoline
 B Benzene
 T Toluene
 E Ethylbenzene
 X total Xylenes
 ppm parts per million (mg/L)
 ppb parts per billion (µg/L)
 ND Not Detected (below method detection limit)
 NA Not Analyzed