

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 31, 1994
STID 4082

DEPARTMENT OF ENVIRONMENTAL HEALTH
ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Bob Vasquez
Southland Corporation
5820 Stoneridge Mall Rd., Ste 310
Pleasanton, CA 94588

Re: 100 Lewelling Blvd., San Lorenzo, California

Dear Mr. Vasquez:

This letter confirms the completion of site investigation and remedial action for the three former unleaded gasoline underground storage tanks at the above described location.

Based upon 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.

Please contact Juliet Shin at (510) 567-6700 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Director

c: Edgar B. Howell, Chief, Hazardous Materials Division - files
Kevin Graves, RWQCB
Mike Harper, SWRCB
Juliet Shin, ACDEH

LOP\Completion

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date:

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

II. CASE INFORMATION

Site facility name: **Southland Store No. 19035**
Site facility address: **100 Lewelling Blvd.**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4082**
URF filing date: **5/13/92** SWEEPS No: **N/A**

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Bob Vasquez Southland Corporation	5820 Stoneridge Mall Rd. Ste 310, Pleasanton, CA 94588	(510) 463-2711

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	6,000-gallon	Unleaded gas	removed	5/13/92
2	10,000-gallon	Unleaded gas	removed	5/13/92
3	10,000-gallon	Unleaded gas	removed	5/13/92
4				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**

Site characterization complete? **YES**

Date approved by oversight agency: **11/17/93**

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

Proper screened interval? **YES** (**15' - 30' bgs**)

Highest GW depth below ground surface: **13.82' bgs** Lowest depth: **19.28' bgs**

Flow direction: **southwest**

Most sensitive current use:

Are drinking water wells affected? **NO** Aquifer name:

Leaking Underground Fuel Storage Tank Program

Is surface water affected? NO Nearest affected SW name: *SEB*

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

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</u> (include units)	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank & Piping	2-10,000-gallons 1-6,000-gallon	Erickson 255 Parr Blvd. Richmond, CA 94801	5/13/93
Free Product Soil	none 212.85 tons	↑ Remco, Inc. 2717 Goodrick Ave. Richmond, CA 94801	↑ 5/15/92
	5 cubic yards from borings	Mtn. View Landfill	11/20/92
Groundwater	Purge water	Buttonwillow, CA	1/28/93

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

Contaminant	Soil (ppm)		Water (ppm)	
	Before	After excav.	Before	After
TPH (Gas)	21	63	ND	ND
TPH (Diesel)	NA	NA	NA	NA
Benzene	ND	0.88	ND	ND
Toluene	ND.152	1.4	ND	ND
Xylene	ND.2295	5.5	ND	ND
Ethylbenzene	ND.257	0.88	ND	ND
Oil & Grease	NA	NA	NA	NA
Heavy metals (Lead)	ND			0.013

Comments (Depth of Remediation, etc.):

Leaking Underground Fuel Storage Tank Program

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 Decommissioned: NO

Number Decommissioned:

Number Retained:

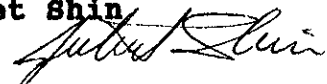
List enforcement actions taken: None

List enforcement actions rescinded: --

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Juliet Shin

Title: Hazardous Materials Spec.

Signature: 

Date: 4/9/94

Reviewed by

Name: Beach

Title:

Signature: 

Date: 4/9/94

Name: Thomas Beach

Title: Supervising H.M.S.

Signature: 

Date: 4/9/94

VI. RWQCB NOTIFICATION

Date Submitted to RB:

RB Response:

RWQCB Staff Name: Rich Hiett

Title: San. Engineering Asso. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

Three unleaded gasoline USTs were removed from the above site in May 13, 1992. Initial soil samples collected from the pit identified upto 21 ppm TPHg, 0.15ppm toluene, 0.23ppm ethylbenzene, and 2.2ppm xylenes, at approximately 12.5 feet below ground surface. Additional excavation was conducted from the tank pit. Overexcavation soil samples were collected

Leaking Underground Fuel Storage Tank Program

from approximately 17.5 feet bgs. Although the analysis results of these overexcavation soil samples identified higher levels of TPHg and BTEX, the concentrations were still fairly low: upto 63ppm TPHg, 0.88ppm benzene, 1.4ppm toluene, 0.88ppm ethylbenzene, and 5.5ppm xylenes. Four monitoring wells were installed within 20 feet around the former tank pit. These wells appear to have been properly located to identify any potential impacts to ground water from the tank pit. During the installation of these wells, three soil samples were analyzed from the borings at 10', 20', and 30' bgs. Only 0.049ppm xylenes were identified from Well MW-1 at 10' bgs. These wells have been sampled for four consecutive quarters and analyzed for TPHg and BTEX, and no contaminants have ever been identified above detection limits, even though the water table frequently lies above the 17.5 feet depth where soil contamination was detected. Therefore, no apparent leaching appears to be taking place.