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

December 23, 1993

Albert P. Russello
Pacific Electric Supply
1906 Republic Avenue
San Leandro, California 94577

RE: STID 4436, Pacific Electric Supply, 1906 Republic Avenue, San Leandro

Dear Mr. Russello:

This letter confirms the completion of site investigation and remedial action for the two (2) former underground storage tanks 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 Scott Seery a call at (510) 271-4530.

Very truly yours,

Rafat A. Shahid
Assistant Agency Director

RAS:SOS:st

c: Edgar B. Howell, Chief, Hazardous Materials Division
Rich Hiett, RWQCB
Mike Harper, SWRCB (w/enclosure)
Mike Bakaldin, San Leandro Fire Department
files-SS

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: Scott Seery Title: **Sr. Hazardous Mat. Spec.**

II. CASE INFORMATION

Site facility name: Pacific Electric Supply
Site facility address: 1906 Republic Ave., San Leandro
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: 4436
URF filing date: 10/21/86 SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Albert P. Russello	1906 Republic Ave. San Leandro, CA 94677-4264	510/483-0931
Gary J. Russello	(as above)	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	3000 gallons	diesel	removed	12/8/89
2	1000 "	gasoline	"	"

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: UNK - potential overspillage

Site characterization complete? NA

Date approved by oversight agency: NA

Monitoring Wells installed? YES Number: ONE (compliance)

Proper screened interval? YES

Highest GW depth below ground surface: 6.5 ' Lowest depth: 11'

Flow direction: UNK - presumed southwest

Most sensitive current use: UNK

Are drinking water wells affected? NO Aquifer name: UNK

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

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

Leaking Underground Fuel Storage Tank Program

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
Tank	1x3000; 1x1000 gals.	H&H Ship Service/Levin Metals	12/8/89
Piping	<50 feet	" " " " "	"
Free Product	NA		
Soil	UNK		
Groundwater	NA		
Barrels	NA		

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

Contaminant	Soil (ppm) Before	Soil (ppm) After	Water (ppm) Before	Water (ppm) After
TPH (Gas)	38	--- *	NA	---
TPH (Diesel)	ND	---	NA	---
Benzene	ND	---	ND	---
Toluene	0.007	---	0.0005	---
Xylene	0.023	---	0.0057	---
Ethylbenzene	ND	---	0.0012	---
Oil & Grease	NA	---	NA	---
Heavy metals	NA	---	NA	---
Other	NA	---	NA	---

*** --- not determined**

Comments (Depth of Remediation, etc.):

Ground water was present in the UST pit, first noted approximately 11' BG. Four (4) bottom samples were collected for analysis as TPH-G/D and BTEX. All were below method detection limits. Only samples collected from below the diesel and gas dispensers exhibited trace concentrations of TPH-G, toluene, and xylene isomers. A grab water sample collected from the diesel UST pit was analyzed for BTEX, only. Only trace concentrations of TEX were found; no benzene was detected.

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

Leaking Underground Fuel Storage Tank Program

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: YES

Number Decommissioned: ONE Number Retained: NONE

List enforcement actions taken: NONE

List enforcement actions rescinded: NONE

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Scott Seery Title: Senior hazardous Materials Specialist
Signature: ORIGINAL SIGNED AND DATED Date:

Reviewed by

Name: Tom Peacock Title: Supervising Hazardous Materials Spec.
Signature: Date:

Name: Susan Hugo Title: Senior Hazardous Materials Specialist
Signature: Date:

VI. RWQCB NOTIFICATION

Date Submitted to RB: 11/18/93 RB Response:
RWQCB Staff Name: Rich Hiett Title: San. Eng. Assoc. Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

A single UST compliance monitoring well was installed in native soils adjacent to and west of the UST pits during September 1986. This installation was in accordance with the UST monitoring plan dated 7/14/86 submitted to the San Leandro Fire Department. This well penetrated sandy, pebbly CLAYS to 4' BG, encountering GW at approximately 6.5' BG in a three foot thick gravelly SAND between 4 and 8' BG. The boring was terminated at 15' BG in a stiff, silty CLAY present from 8' BG to the total depth explored. A soil sample collected at 8'BG exhibited trace TPH-G (13 ppm) and TPH-D (1.5 ppm); no BTEX was detected. This sample appears to have been collected within the zone of saturation. Two (2) water samples were also collected from the boring, exhibiting only 0.041 mg/l of TPH-G and no aromatics. It appears that an Unauthorized Release Report (ULR) was issued as a result of these initial findings.

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During 1986, 1987, 1988, and 1989, it is reported that monthly visual and semi-annual ground water analyses were performed. Periodic low level (ppb range) TPH-G/D and BEX compounds were discovered during these routine monitoring activities. No sheen, FP, or odor are reported. The subject tanks, associated piping/dispensers, and monitoring well were removed during UST closure activities occurring 12/8/89. No visual signs of contamination or leakage was noted in consultant's report. No holes are reported to have been observed in tanks/piping. Ground water was encountered (or stabilized) at approximately 11' BG. Tank backfill extended to approximately 10' BG. Four (4) soil samples were collected at approximately 11' BG, two (2) from below each tank. A single water sample was collected from the diesel UST pit. One soil sample was collected from below each dispenser. None of the soil samples from within the UST pits exhibited the presence of target compounds above method detection limits. Only trace concentrations of TEX were discovered in the grab water sample.

Trace concentrations of fuel compounds were only detected in soil samples collected from below the two dispensers: TPH-G was found at 38 ppm; benzene, "ND"; toluene, 9 ppm; ethylbenzene, "ND"; total xylenes, 23 ppm. The sole water sample was analyzed for BTEX with the following results: benzene, "ND"; toluene, 0.0005 ppm; ethylbenzene, 0.0012 ppm; total xylenes, 0.0057 ppm.

The excavated soil was reportedly aerated, removed, and disposed from the property during late April 1990. The disposal site is unknown as of this writing.

No additional soil or water investigation has occurred at this site since the USTs were closed. The data suggest that the tanks/piping did not leak, but rather, there may have been some, or even a single, overspillage event(s) during product delivery over the active life of the tanks. This may account for the trace levels of contaminants found in GW, and the absence of contaminants in soil collected below the USTs, or any other visual or olfactory evidence of a release.