



DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 181 - 845 92nd Ave, Oakland, CA 94603

July 18, 1995

Mr. John Lilla, VP
Paco Pumps, Inc/Newflow Corp
310 Camp Craft Rd, Suite 100
West Lake Hills
Austin, TX 78746

Dear Mr. Lilla:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (1,000 gallon gasoline/diesel tank) removed from the above site on April 27, 1992. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including the current land use, 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 Ms. Eva Chu at (510) 567-6700 if you have any questions regarding this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'Rafat A. Shahid', written over a large, light-colored scribble.

Rafat A. Shahid, Director

cc: Chief, Division of Environmental Protection
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
Mike Reichlin, Paco Pump, 845 92nd Ave, Oakland 94603 (w/o)
files (845paco.4)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

StID 181

April 24, 1996

Mr. John Lilla, VP
Paco Pumps, Inc/Newflow Corp
310 Camp Craft Rd, Suite 100
West Lake Hills
Austin, TX 78746

RE: Remedial Action Completion at 845 92nd Avenue, Oakland, CA
94603

I have completed review of the case file for the above referenced site to determine if case closure is warranted at this time.

An initial site characterization study was performed by Jonas and Associates Inc. in February 1992. The study was designed to collect and analyze soil samples from areas where industrial activities may have resulted in waste discharges to the site.

Soil samples collected from <1.5' bgs (below ground surface) identified elevated levels of chromium, lead and total petroleum hydrocarbons as motor oil (TPH-MO). Soil was subsequently excavated from these areas. Discrete confirmatory soil samples confirmed that excavation was successful in removing most of the contaminated soil.

Groundwater monitoring wells were installed to determine if the surface contamination had impacted groundwater quality beneath the site. The monitoring wells have not exhibited elevated levels of TEPH, TOG, TPH-G, BTEX, or soluble lead. Residual petroleum hydrocarbons and lead at this site does not appear to pose a threat to public health or the environment.

Enclosed are excerpts from reports prepared by Jonas & Associates, Inc. which a) summarized soil characterization and excavation of impacted soil, and b) tabulated groundwater analytical results from the onsite wells.

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 surface contamination by the above constituents is required. The three onsite monitoring wells should be properly abandoned if they will no longer be monitored. Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

John Lilla, Paco Pumps/Newflow
re: 845 92nd Ave, Oakland, CA
April 24, 1996

Page 2

This letter confirms the completion of site investigation and remedial action for the soil contaminated with petroleum hydrocarbons, chromium, and lead at the above referenced address.

If you have any questions, I can be reached at (510) 567-6762.



eva chu
Hazardous Materials Specialist

c: Mark Jonas, 2815 Mitchell Dr, #290, Walnut Creek 94598
Mike Reichlin, Paco Pump, 845 92nd Ave, Oakland 94603
Chief, Division of Environmental Protection
files

JUN 23 1995 KG

ENVIRONMENTAL

CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

QUALITY CONTROL BOARD

I. AGENCY INFORMATION

Date: June 20, 1995

Agency name: Alameda County-HazMat
City/State/Zip: Alameda, CA 94502
Responsible staff person: Eva Chu

Address: 1131 Harbor Bay Pkwy
Phone: (510) 567-6700
Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Paco Pump, Inc
Site facility address: 845 92nd Ave, Oakland 94603
RB LUSTIS Case No: 01-1100 Local Case No./LOP Case No.: 181
URF filing date: Unknown, but filed SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Paco Pump, Inc	845 92nd Ave Oakland	

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	1,000	Gasoline/Diesel	Removed	4/27/92

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
Site characterization complete? YES
Date approved by oversight agency: 12/2/94
Monitoring Wells installed? Yes Number: 2
Proper screened interval? Yes, 5 to 20'
Highest GW depth below ground surface: 7.02' Lowest depth: 9.20'
Flow direction: Assumed W, SW
Most sensitive current use: Commercial/light industrial
Are drinking water wells affected? No Aquifer name: NA
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
1131 Harbor Bay Pkwy
Alameda, CA 94502

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	1 UST	Disposed by Erickson	4/27/92
Piping			
Free Product	50 gal rinsate	Petroleum Recycling, Patterson	4/27/92
Soil	50 cy	Vasco Rd L.F. Livermore	7/29/92

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After ¹
TPH (Gas)	95	ND	ND	ND
TPH (Diesel)	1,200	ND	38,000	ND
Benzene	.140	ND	ND	ND
Toluene	.110	ND	ND	ND
Ethylbenzene	.089	ND	ND	ND
Xylenes	.570	ND	ND	ND
Oil & Grease				ND
Heavy metals				
Other	TEPH as Kerosene as Motor Oil			ND ND

NOTE: 1 Results from well MW-1

Comments (Depth of Remediation, etc.):

Initial soil samples (collected beneath the UST at 8.5' bgs and at the wester sidewall) exhibited up to 1,200 ppm TPH-D, 95 ppm TPH-G, and low levels of BTEX. The pit was overexcavated laterally, and to a depth of 12' where soil samples collected from side walls and pit bottom did not detect contaminants sought.

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: **None, one pending site closure**
 Number Decommissioned: **0** Number Retained: **2**
 List enforcement actions taken: **None**
 List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature: *Eva Chu* Date: 6/20/95

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

Signature: *Barney Chan* Date: 6/12/95

Name: Amy Leech Title: Haz Mat Specialist

Signature: *A. Leech* Date: 6/20/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/21/95

RB Response: *Approved*

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: *K. Graves*

Date: 7/6/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

One 1K gasoline/diesel UST was removed in April 27, 1992. Soil samples collected in the capillary fringe, at approximately 8.5' bgs, exhibited 300 ppm TPH-D, 12 ppm TPH-G, and low levels of BTEX. The pit was overexcavated but the west wall still contained up to 1,200 ppm TPH-D, 95 ppm TPH-G, and low levels of BTEX. Soil samples collected after final overexcavation, to a depth of 12', did not contain detectable levels of TPH-D, G, or BTEX. The pit was backfilled with clean pea gravel. Initial grab groundwater sample detected 38 ppm TPH-D.

A monitoring well, MW-1, was installed southwest of the former tank pit, in the inferred downgradient direction. The well has been sampled for four quarters (Nov 1992, Mar and July 1993, and Jan 1994) and analyzed for TEPH as D, K, and MO, TPH-G, BTEX, and TOG. None was detected.

Another monitoring well, MW-2, was installed adjacent to the storage building (at the eastern half of the property), where elevated levels of motor oil and lead were found in soil. (The consultant believes this well was not properly constructed, as the boring started collapsing during construction. A replacement well has been proposed.) This well is upgradient and over 300' from the former tank pit. This portion of the site is still undergoing investigation. Closure recommendation is only for the removal of the former UST.

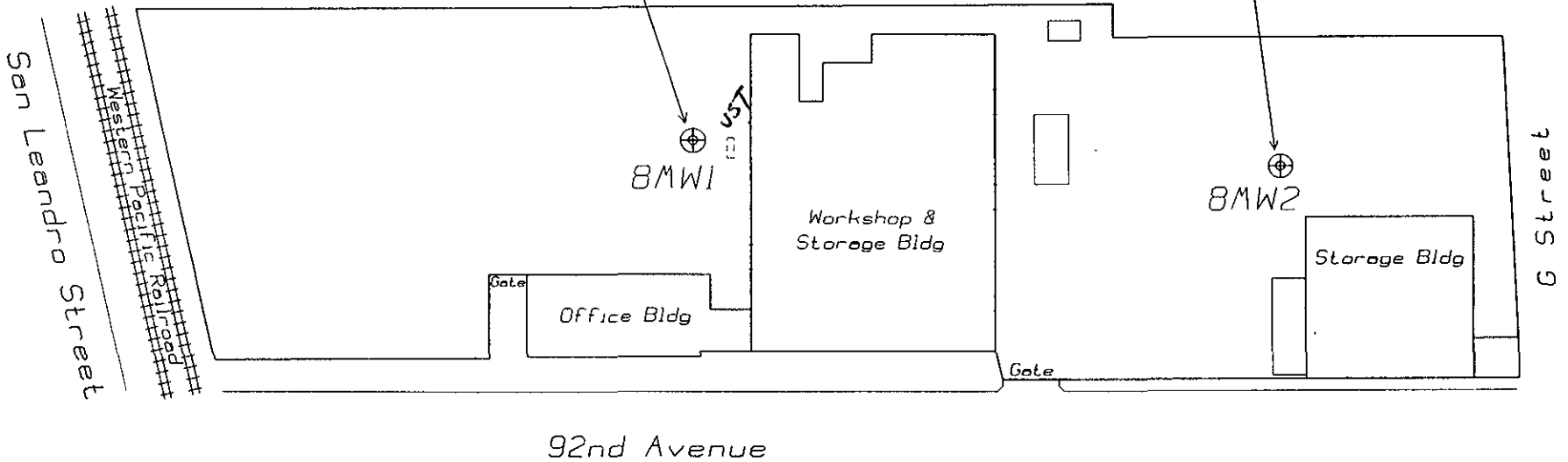
Drawn by
A J
3-22-1994

Drawing Number
PC0218-3/94:F4-4

Figure
4-4

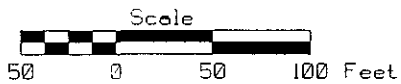
BMW1 on 1/31/1994 (mg/L)	
TPH as Gasoline	ND(0.050)
Benzene	ND(0.0005)
Ethyl Benzene	ND(0.0005)
Toluene	ND(0.0005)
Total Xylenes	ND(0.0015)
TEPH as Diesel	ND(0.050)
TEPH as Kerosene	ND(0.050)
TEPH as Motor Oil	ND(0.50)

BMW2 on 1/31/1994 (mg/L)	
TEPH as Diesel	4.3
TEPH as Kerosene	ND(0.050)
TEPH as Motor Oil	ND(0.50)
Total Oil & Grease	4.1
Lead	ND(0.01)



Legend:

⊕ Monitoring Well



TPH = Total Petroleum Hydrocarbons
TEPH = Total Extractable Petroleum Hydrocarbons
ND(0.005) = Not Detected above detection limit in parenthesis

January 1994
Groundwater Results

PACO PUMPS, INC.
845 92nd Avenue
Oakland, California

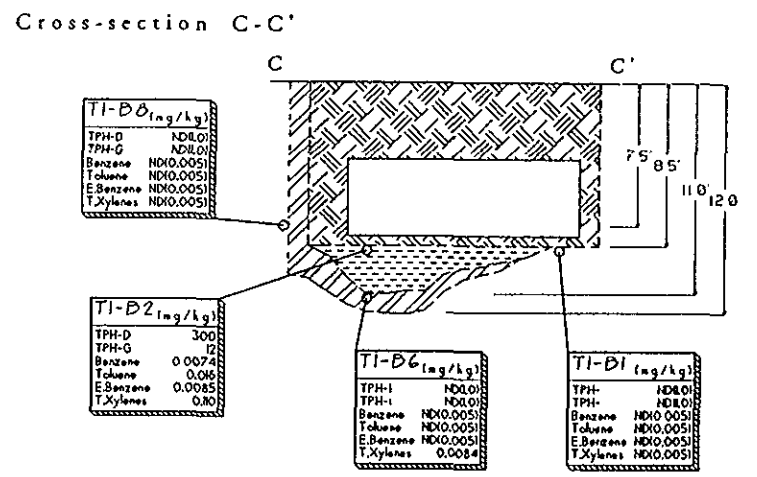
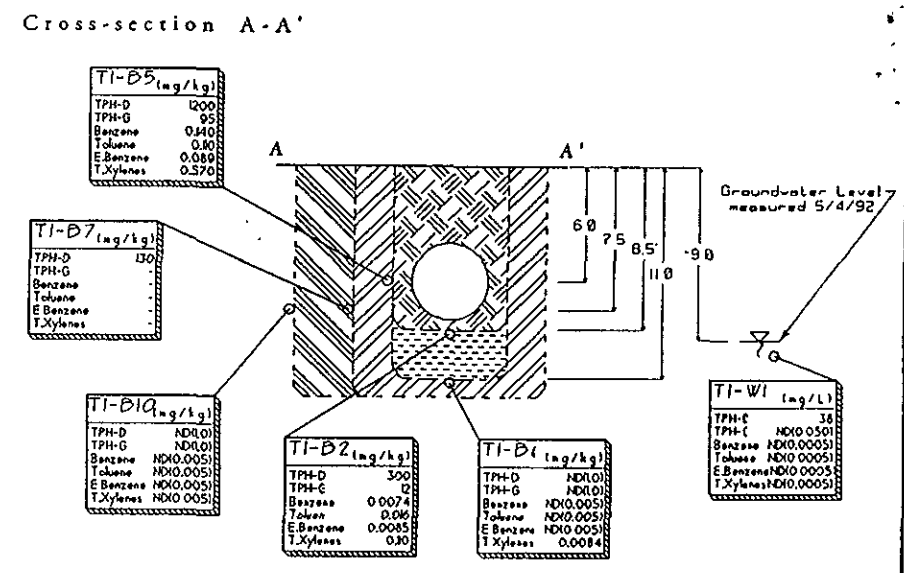
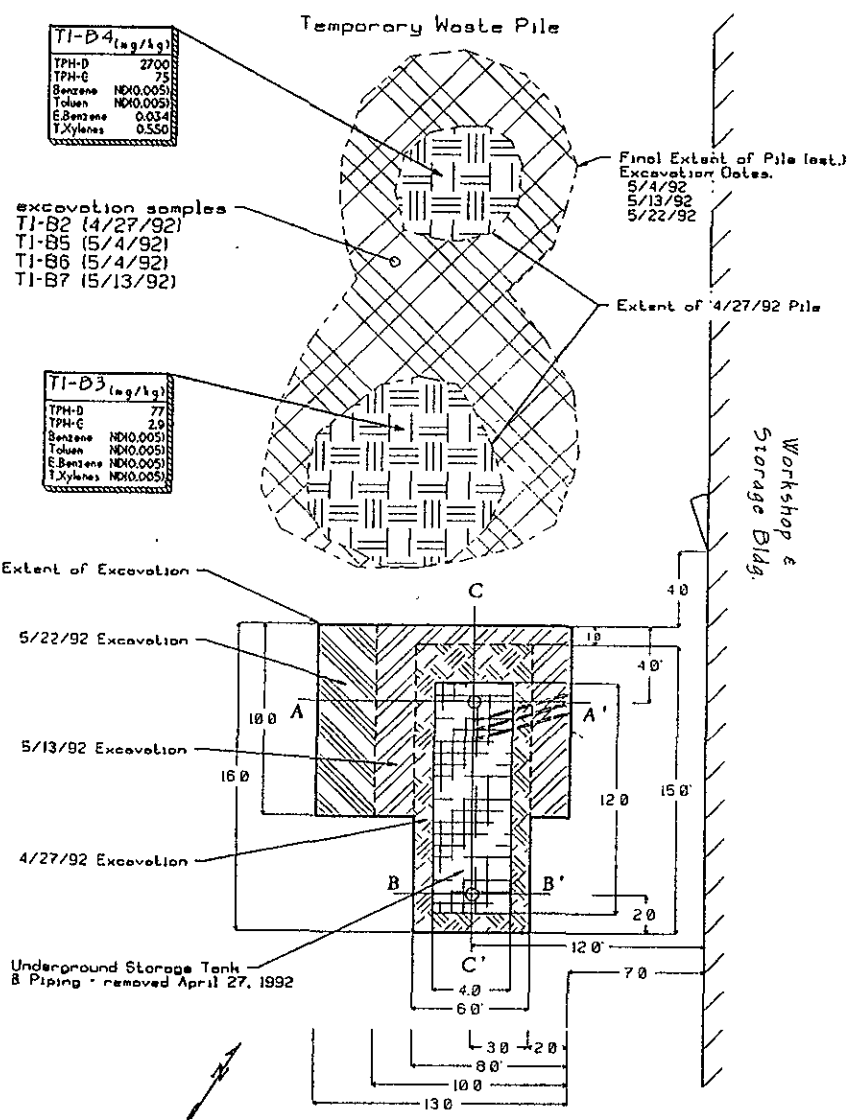
Prepared by
JONAS & ASSOCIATES INC.

Date: 3-22-1994
Locations Approx.

Figure 4-4

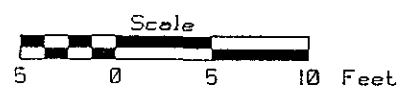
Drawing Number
PC0218-3/94:F4-4

Drawn By A.J. Checked By Approved By Drawing Number PC0218-6/92-TNK4 Figure TNK-4



Legend.

- A — A' Cross Sections
- T1-B3 (4/27/92) Sample Number & Date
- T1-B1 to B1-B10 Soil Samples
- T1-W1 Groundwater Sample
- ND(0.005) - Not Detected above the laboratory detection limit in parentheses.
- Measurements were made with a tape measure and are approximate



TANK EXCAVATION SAMPLING RESULTS

PACO PUMPS, INC.
845 92nd Avenue
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Date: 6-2-1992	Figure TNK-4	Drawing Number PC0218-6/92-TNK4
Locations Approx.		