

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

**StID 3123 - 646 Kennedy Street, Oakland, CA
(1-1,000 gallon tank removed on August 17, 1989)**

July 10, 2000

Mr. Joseph Conley
Fidelity Packaging
P.O. Box 2433
Oakland, CA 94623

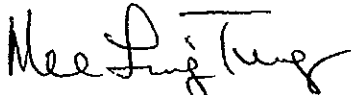
Dear Mr. Conley:

This letter confirms the completion of site investigation and corrective action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,


Mee Ling Tung, Director

cc: Chuck Headlee, RWQCB
Allan Patton, SWRCB
Leroy Griffin, OFD
✓ files-ec (fidelity-3)

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StID 3123

July 10, 2000

Mr. Joseph Conley
Fidelity Packaging
PO Box 2433
Oakland, CA 94623

Re: Fuel Leak Site Case Closure for 646 Kennedy Street, Oakland, CA

Dear Mr. Conley:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- up to 1,400ppm TPH as gasoline and 220ppm TPH as diesel exist in soil beneath the site;
- two groundwater monitoring wells are still onsite that must be properly decommissioned when they are no longer in use.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosures: 1. Case Closure Letter 2. Case Closure Summary

c: Leroy Griffin, Oakland Fire Department (w/o closure summary)
✓ files (fidelity-4)

RB file # 01-0621

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: December 1, 1997

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
Responsible staff person: Eva Chu Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Fidelity Packaging Corp
Site facility address: 646 Kennedy Street, Oakland, CA 94606
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3123
URF filing date: 11/21/97 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
1. Joseph Conley Fidelity Packaging	P.O. Box 2433 Oakland, CA 94623	510/261-7611

<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	8/17/89

II. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
Site characterization complete? YES
Date approved by oversight agency: 11/20/97
Monitoring Wells installed? Yes Number: 2
Proper screened interval? Yes, 5' to 16'bgs
Highest GW depth below ground surface: 6.69' Lowest depth: 10.09' in MW-2
Flow direction: West
Most sensitive current use: Industrial
Are drinking water wells affected? No Aquifer name: Unknown
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 Piping	1 UST	Unknown	8/17/89

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before ¹	After ²	Before ³	After ⁴
TPH (Gas)	1,400		ND	ND
TPH (Diesel)	220		ND	ND
Benzene	ND		ND	ND
Toluene	0.33		ND	ND
Ethylbenzene	7.6		ND	ND
Xylenes	9.7		ND	ND
Heavy metals Pb	23.3		NA	NA
Other				

- NOTE: 1 soil sample collected at UST removal, 8/89
 2 no reporting of any overexcavation
 3 initial groundwater sampling from wells, 5/93
 4 most recent water sampling, 6/94

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? _____
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? _____
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **A site safety plan must be prepared for construction workers in the event excavation/trenching is proposed in the vicinity of residual soil contamination.**
 Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **No, pending site closure**
 Number Decommissioned: **0** Number Retained: **2**
 List enforcement actions taken: **NOV issued 10/16/92**
 List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 1/2/98

Reviewed by

Name: Pam Evans Title: Sr. Haz Mat Specialist

Signature:  Date: 12/2/97

Name: Thomas Peacock Title: Supervisor

Signature:  Date: 12-4-97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1/2/98 RB Response: *Concur*

RWQCB Staff Name: ^{Stephen Hill} ~~Kevin Graves~~ Title: ~~AWRCE~~ *II 8/97*

Signature:  Date: 1/18/98

VII. ADDITIONAL COMMENTS, DATA, ETC.

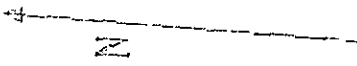
One 1,000 gallon UST was reportedly removed from the site on August 17, 1989. Two soil samples (East and West) collected at 11'bgs contained up to 220ppm TPHd, 1,400ppm TPHg, and low levels of BTEX. (See Fig 1, Table 1)

In May 1993 four soil borings (SB-1 through SB-3 and PS-1) and two groundwater monitoring wells (MW-1 and MW-2) were completed onsite to determine the extent of soil and groundwater contamination. One of the sample (PS-1) was collected from the tank pit backfill at 5.5'bgs. Soil samples were analyzed for TPHd, TPHg, and BTEX. None of these constituents were detected. Total lead levels did not exceed 21.1ppm. (See Fig 2, Table 2)

Groundwater was sampled for four consecutive quarters (5/93 to 6/94) without detecting TPHg, TPHd, or BTEX (see Table 3). It appears that shallow sediments consisting of highly plastic organic clays, with thin, clayey and silty sand beds, have limited the migration of contaminants in soil. The fuel release has not impacted groundwater quality at the site.

In summary, case closure is recommended because:

- the leak and ongoing sources have been removed;
- the site has been adequately characterized;
- the dissolved plume is not migrating;
- no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- the site presents no significant risk to human health or the environment.



1,000 gal Tank to
be removed



646
KENNEDY ST.

LOCATION OF SERVICES:
GAS, WATER, SEWER



880
SOUTH
ONRAMP

KENNEDY STREET

Timmerman Engineering Construction
Calif. License No. 561795
P. O. Box 4479
Walnut Creek, CA 94596

Fidelity Packaging Corp
646 Kennedy St.
Oakland, CA 94606

By: *PDT*
Date: 8/1/89
Scale: 1" = 30'
DWG: Fidelity.DWG

Fig 1

Universal Engineering, Inc.
September 5, 1989
Page 2 of 7

PROJECT: FIDELITY PACKAGING CORP., 146 KENNEDY STREET, OAKLAND, CA, #6786

Table 1

TOTAL VOLATILE HYDROCARBONS: LOW BOILING FRACTION

QC Batch Number: 89-2447
Date Extracted: 08-22-89
Date Analyzed: 08-31-89

<u>Sample No.</u>	<u>Client ID</u>	<u>Result (mg/kg)</u>	<u>Reporting Limit (mg/kg)</u>
MA5441	EAST END OF TANK EXCAVATION	ND	10
MA5442	WEST END OF TANK EXCAVATION	1400	500*

ND = None Detected

NOTE: These total volatile hydrocarbon analyses were performed using EPA Methods 5030 and 8015 with a modification of the calibration standard as specified by the San Francisco Water Quality Control Board method for addressing underground fuel leaks. These samples were calibrated to gasoline.

*This reporting limit is higher than usual due to the dilution needed to bring all peaks within the linear range of the detector.

PROJECT: FIDELITY PACKAGING CORP., 646 KENNEDY STREET, OAKLAND, CA, #6786

cont. Table 1

TOTAL EXTRACTABLE HYDROCARBONS: MEDIUM TO HIGH BOILING FRACTION

QC Batch Number: 89-2453
Date Extracted: 08-23-89
Date Analyzed: 08-24-89

<u>Sample No.</u>	<u>Client ID</u>	<u>Result (mg/kg)</u>	<u>Reporting Limit (mg/kg)</u>
MA5441	EAST END OF TANK EXCAVATION	21	10
MA5442	WEST END OF TANK EXCAVATION	220	50*

NOTE: These total extractable hydrocarbon analyses were performed using EPA Methods 3550 and 8015 with a modification of the calibration standards as specified by the San Francisco Water Quality Control Board method for addressing underground fuel leaks. The samples were calibrated to diesel fuel.

*This reporting limit is higher than usual due to the dilution needed to bring all peaks within the linear range of the detector.

PROJECT: FIDELITY PACKAGING CORP., 1746 KENNEDY STREET, OAKLAND, CA, #6786

Cont Table 1

EPA METHOD 8020: AROMATIC VOLATILE ORGANICS

QC Batch Number: 89-2447
Date Extracted: 08-22-89
Date Analyzed: 08-23-89

SAMPLE NO.:	MA5441	
CLIENT ID:	EAST END OF TANK EXCAVATION	
	<u>Result (ug/kg)</u>	<u>Reporting Limit (ug/kg)</u>
Benzene	ND	20
Ethyl Benzene	20	20
Toluene	ND	20
Xylenes	ND	20

SAMPLE NO.:	MA5442	
CLIENT ID:	WEST END OF TANK EXCAVATION	
	<u>Result (ug/kg)</u>	<u>Reporting Limit (ug/kg)</u>
Benzene	ND	200*
Ethyl Benzene	7600 7.6 ppm	200*
Toluene	330 13 ✓	200*
Xylenes	9700 9.7 ✓	200*

ND = None Detected

*These reporting limits are higher than usual due to the dilution needed to bring all peaks within the linear range of the detector.

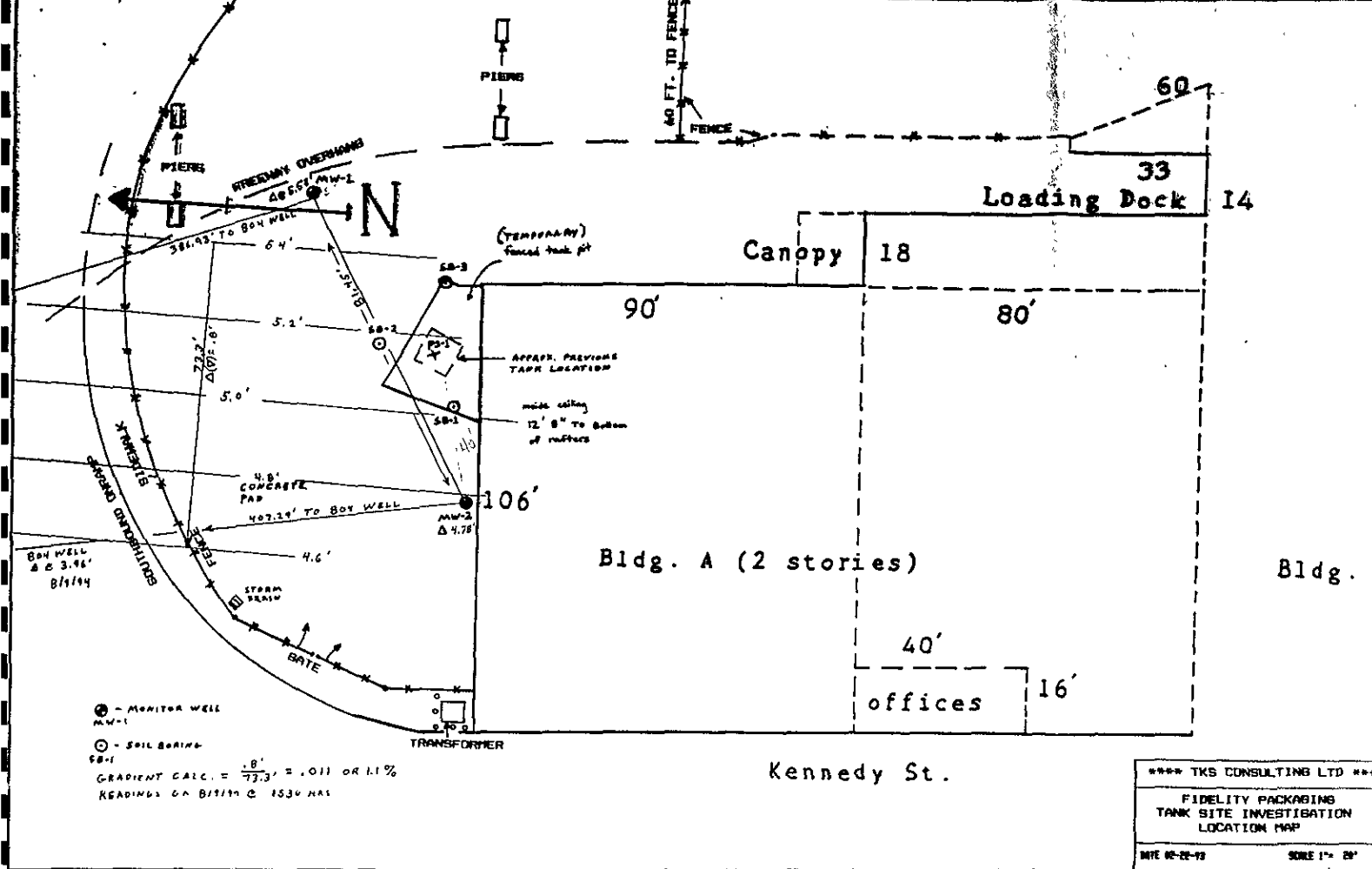


Fig 2

SOIL SAMPLE ANALYSIS TABLE

SAMPLE #	BORING #	FT DEPTH	TPH-G MG/KG	B	T	E	X	TPH-D MG/KG	TOTAL LEAD MG/KG
FPSB15	SB1	5	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPSB195	SB1	9.5	BRL	BRL	BRL	BRL	BRL	BRL	8.9
FPSB25	SB2	5	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPSB211	SB2	11	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPSB345	SB3	4.5	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPSB3105	SB3	10.5	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPMW15	MW-1	5	BRL	BRL	BRL	BRL	BRL	BRL	NR
FPMW111	MW-1	11	BRL	BRL	BRL	BRL	BRL	BRL	5.3
FPMW25	MW-2	5	BRL	BRL	BRL	BRL	BRL	BRL	BRL
FPMW2105	MW-2	10.5	BRL	BRL	BRL	BRL	BRL	BRL	5.3
FPPS155	TANK PIT	5.5	BRL	BRL	BRL	BRL	BRL	16 *	21.1

REPORTING LIMITS: TPH-G = 1 MG/KG (CALUFT-P) * UNKNOWN HYDROCARBON
 BTEX = 1 ug/KG (EPA 8020) (SEE LAB NARRATIVE)
 TPH-D = 10 MG/KG (CALUFT-E)
 TOTAL LEAD = 1 MG/L (EPA 7421)

BRL = Below Reporting Limits

Table 2

Table 3

FIDELITY PACKAGING WATER SAMPLE TABLE.

SITE	LOCATION	SAMPLE	SAMPLE	TPH	B	T	E	X	TPH
	/WELL	DATE	MONTH	-G					-D
				MG/ L	MG/ L	MG/ L	MG/ L	MG/ L	MG/ L
FIDELITY	MW-1	5/16/93	0	ND	ND	ND	ND	ND	ND
FIDELITY	MW-2	5/16/93	0	ND	ND	ND	ND	ND	ND
FIDELITY	MW-1	10/25/93	5	ND	ND	ND	ND	ND	ND
FIDELITY	MW-2	10/25/93	5	ND	ND	ND	ND	ND	ND
FIDELITY	MW-1	1/28/94	8	ND	ND	ND	ND	ND	ND
FIDELITY	MW-2	1/28/94	8	ND	ND	ND	ND	ND	ND
FIDELITY	MW-1	6/02/94	13	ND	ND	ND	ND	ND	ND
FIDELITY	MW-2	6/02/94	13	ND	ND	ND	ND	ND	ND