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

November 23, ~~1994~~ 1994

STID # ~~1103~~ 3624

REMEDIAL ACTION COMPLETION CERTIFICATION

John Shelton
Kilpatricks Bakeries
2100 Livingston Street
Oakland, CA - 94606

Food Specialities
P.O Box 10368
Oakland, CA - 94510

Ref: Kilpatricks Bakery, 2100 Livingston Street, Oakland, CA

Dear Mr. Shelton and Food Specialities:

This letter confirms the completion of site investigation and remedial action for the one gasoline underground storage tank at the above mentioned 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 Madhulla Logan at (510) 271-4320 if you have any questions regarding this matter.

Very truly yours,

R.A. Shahid

Rafat A. Shahid
Assistant Agency Director

cc: Edgar B. Howell, Chief, Hazardous Materials Division
Kevin Graves, RWQCB
Mike Harper, SWRCB (with attachment)
files

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date:** 11/1/94

Agency name: **Alameda County-HazMat** Address: **1131 Harbour Bay pkwy**
City/State/Zip: **Alameda, CA** - 94502 Phone: **(510) 271-4320**
Responsible staff person: Madhulla Logan Title:**Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: Kilpatricks Bakery
Site facility address: 2100 livingston Street, Oakland, CA
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.:**3624**
URF filing date: 01/03/91 SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Kilpatricks Bakeries John Shelton	2100 Livingston Street Oakland, CA 94606	
Food Specialities Property Owner	P.O. Box 10368 Oakland, CA 94510	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	5000	Gasoline	removed	09/14/90

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release:Overfilling-Gasoline (BTEX)

Site characterization complete? YES

Date approved by oversight agency: December 1992

Monitoring Wells installed? YES Number:1

Proper screened interval? YES 14.5 to 20.5 in confined aquifer

Highest GW depth below ground surface: 6.5 Lowest depth: 9.3 ft

Flow direction: South West

Most sensitive current use: Not Drinking (others not determined)

Are drinking water wells affected? No Aquifer name:

Is surface water affected? NO Nearest affected SW name:N/A

Off-site beneficial use impacts (addresses/locations): Not Known

Leaking Underground Fuel Storage Tank Program

Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Parkway
Alameda, CA - 94702

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment of Disposal w/destination)	Date
Tank	1 tank	Disposed By Erickson	09/17/90
Tank waste	55 gallons	Recycled at Recycletron Oil Patterson, CA	09/14/90
Soil	8 cubic yards	Backfilled upon approval	
Drill cutting	5 cubic yards	Vasco Landfill, Livermore, CA	10/22/92
Ground Water	217 gallons	Gibson Environmental	09/25/92

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)	1500	840	ND	ND
TPH (Diesel)	NA	NA	NA	NA
Benzene	4.6	46	ND	ND
Toluene	37	37	ND	ND
Xylene	37	30	ND	ND
Ethylbenzene	180	180	ND	ND
Oil & Grease	NA	NA	NA	NA
Organic Lead	ND			

Comments (Depth of Remediation, etc.):
Two soil samples were collected at 9.5 feet and the highest concentrations indicated in laboratory report is mentioned above. Subsequently more soil was excavated upto 11 to 11.5 feet below ground surface at the west and east ends. The laboratory results for the 2 samples (verification samples) collected at 11 to 11.5 feet indicated non detects for all constituents. The northwest corner could not be excavated leaving behind 840 ppm TPH-g, 4.6, 37, 180, and 30 ppm BTEX respectively.

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

Leaking Underground Fuel Storage Tank Program

Should corrective action be reviewed if land use changes? YES

Monitoring wells Decommisioned: NO, pending site closure

Number Decommisioned: Number Retained: 1

List enforcement actions taken:N/A

List enforcement actions rescinded:N/A

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Madhulla Logan
Signature: Madhulla Logan
Title: Hazardous Materials Spec
Date: 11/15/94

Reviewed by

Name: Tom Peacock
Signature:
Title: Supervisor, LOP Program
Date: 11/15/94

Name: Eva Chu
Signature:
Title: Hazardous Materials Spec
Date: 11/15/94

VI. RWQCB NOTIFICATION

Date Submitted to RB: RB Response:
RWQCB Staff Name: Kevin Graves Title: San. Engineering Asso. Date:

VII. ADDITIONAL COMENTS

One 5000 gallon gasoline underground storage tank was removed on September 14, 1990. Two soil samples were collected at 9.5 ft at the bottom of the excavation, subsequent to tank removal. The samples were analyzed for TPH-gasoline and BTEX, and the laboratory results indicated concentrations of upto 1500 ppm for gasoline, 4.6 ppm for benzene, 37 ppm for toluene, 180 ppm for ethyl benzene, and 37 ppm for xylene.

Soil collected from 9.5 feet in the north west corner exhibited upto 840 ppm TPH-g, 4.6, 37, 180, and 30 ppm BTEX, respectively. This area was close to the building structure and could not be excavated. Subsequent soil borings show residual soil contamination is very limited and does not extend beneath the building. Overexcavation was conducted to 11.5 feet at the west and east ends of the excavation. Two soil samples were collected at 11 and 11.5 feet and analyzed for TPGg and BTEX. The soil sample results indicated non detects for all constituents. Eight cubic yards of soil was stockpiled and based on the stockpiled soil results and approval from the County, the soil was backfilled.

In September 1992, four boreholes were drilled within 10 feet of the former underground storage tank excavation perimeter. One of the boreholes B-1 was converted into a monitoring well. The other soil borings were to delineate extent of soil contamination northwest of the pit. Two soil

samples were collected from each boring and analyzed for TPH-g and BTEX. Out of the 8 soil samples analyzed, only one of them showed detectable concentrations of 1 ppm for gasoline, 0.016 ppm for ethyl benzene, and 0.12 ppm for total xylenes.

Monitoring well MW-1 was installed 5 feet southwest of the former UST's. The flow direction was assumed based on the gradient calculated at another Kilpatricks facility located at 955 Kennedy Street in Oakland, CA (about 800 feet from this site). Groundwater monitoring has been conducted at quarterly intervals since September 1992 (a total of 5 quarters). The groundwater samples have been analyzed for TPH-g and BTEX and no constituents have been detected above the detection limits in any of the sampling events. Residual soil contamination does not appear to have impacted ground water quality.