

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 15, 1995  
StID # 4221

DEPARTMENT OF ENVIRONMENTAL HEALTH  
ALAMEDA COUNTY CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

Mr. Robert Pires  
Sunshine Biscuit Inc.  
851 81st Ave.  
Oakland CA 94621

RE: Sunshine Biscuit Inc., 851 81st Ave., Oakland CA 94621

Dear Mr. Pires:

This letter confirms the completion of site investigation and remedial action for the one 30,000 gallon fuel oil tank and the one 300 gallon gasoline storage tank at the above described location.

Based upon the available information and with 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 the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Rafat A. Shahid  
Assistant Agency Director

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

RACC851-81

**CASE CLOSURE SUMMARY**  
**Leaking Underground Fuel Storage Tank Program**

**I. AGENCY INFORMATION**

**Date:** 12/28/94

**Agency name:** Alameda County-HazMat    **Address:** 1131 Harbor Bay Parkway  
Rm 250, Alameda CA 94502

**City/State/Zip:** Alameda    **Phone:** (510) 567-6700

**Responsible staff person:** Barney Chan    **Title:** Hazardous Materials Spec.

**II. CASE INFORMATION**

**Site facility name:** Sunshine Biscuit Inc.

**Site facility address:** 851- 81st Ave., Oakland CA 94621

**RB LUSTIS Case No:** N/A    **Local Case No./LOP Case No.:** 4221

**ULR filing date:** 3/4/91    **SWEEPS No:** N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Sunshine Biscuits Inc. Attn: Mr. Robert Pires	851-81st Ave., Oakland CA 94621	(510) 638-4600

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	30,000	fuel oil	Removed	11/30/90
2	300	gasoline	Removed	11/30/90

**III RELEASE AND SITE CHARACTERIZATION INFORMATION**

**Cause and type of release:** unknown

**Site characterization complete?** Yes

**Date approved by oversight agency:**

**Monitoring Wells installed?** YES    **Number:** 4

**Proper screened interval?** Yes, 9-35'

Leaking Underground Fuel Storage Program

Highest GW depth: 5.1' BGS                      Lowest depth: 8.6' BGS

Flow direction:    consistently westerly

Most sensitive current use: unknown

Are drinking water wells affected? No            Aquifer name:

Is surface water affected? No    Nearest affected SW name: NA

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

Report(s) on file? **Yes** Where is report(s)? Alameda County  
1131 Harbor Bay Parkway, Room 250, Alameda CA 94502-6577

**Treatment and Disposal of Affected Material:**

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment of Disposal w/destination)</u>	<u>Date</u>
Tanks &	1-30000 gallon diesel	Disposed, Erickson	11/30/90
Piping	1-300 gallon gasoline	Disposed, Erickson	11/30/90
Soil	108 cy	Disposed at BFI, Livermore	12/21/90

**Maximum Documented Contaminant Concentrations - - Before and After Cleanup**

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppm)</u>	
	<u>Before</u>	<u>After</u>	<u>Before</u>	<u>After</u>
TPH (Gas)	2.0	2.0	---	ND
TPH (Diesel)	*16000	*16000	---	ND
Benzene	0.028	0.028	---	ND
Toluene	0.035	0.035	---	ND
Ethylbenzene	0.009	0.009	---	ND
Xylenes	0.02	0.02	---	ND
Other    TCE			0.0036	NA

**Comments (Depth of Remediation, etc.):**

\*Consultant claims that this sample's result is due to contractor's sloppy practices and that this sample was taken from area where fuel was spilled during the tank removal. The BTEX soil concentrations were from the soil sample beneath the gasoline tank, unfortunately, BTEX was not run on the diesel soil samples.

**IV. CLOSURE**

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan?    YES

Leaking Underground Fuel Storage Tank Program

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: NA

Should corrective action be reviewed if land use changes? No

Monitoring wells Decommissioned: NO

Number Decommissioned: 0

Number Retained: 4

List enforcement actions taken: None

List enforcement actions rescinded: None

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan

Title: Hazardous Materials Specialist

Signature: *Barney M. Chan*

Date: 1/26/95

Reviewed by

Name: Madhulla Logan

Title: Hazardous Materials Specialist

Signature: *Madhulla Logan*

Date: 1/25/95

Name: Eva Chu

Title: Haz. Mat. Specialist

Signature: *Eva Chu*

Date: 1/29/95

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1-26-95

RB Response: *Approved*

RWQCB Staff Name: K. Graves

Title: AWRCE

Date: 2/7/95

VII. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary for Sunshine Biscuit Facility  
StID # 4221, 851 81st St., Oakland CA 94621

November 30, 1990- Dennis Byrne from this office witnessed the removal of 1-30,000 gallon fuel oil tank and 1-300 gallon gasoline tank at this site. The fuel oil tank was used to supply a boiler room within the building. Soil and groundwater contamination was observed in the fuel oil tank pit. Three soil samples were taken around the fuel oil tank, two at approximately 15' bgs just above groundwater and one beneath the piping run at a depth of 5' bgs. One soil sample was taken beneath the gasoline tank and one of the stockpiled soil. The soil sample from the east side of the fuel oil tank detected 16,000 ppm TPHd while the two other samples were ND and 25ppm diesel. The consultant, Lew Schalit, stated that this high diesel sample resulted from poor removal practices where the contractor sampled in an area where they had spilled residual fuel. The soil sample beneath the gasoline tank detected 2 ppm gasoline and 0.028, 0.035, 0.009 and 0.02 ppm BTEX respectively. The contractor backfilled the tank pits immediately after tank removal based on the need to use this area.

July 22-26 1991- A subsurface investigation was performed whereby seven borings were advanced around the former tank pits to determine the extent of soil contamination. Four of the borings were converted into monitoring wells, two of which are downgradient to their respective tanks. In the area of where the 16,000 ppm diesel was detected, two borings were advanced to the north and south of this boring. Soil samples were taken at a depth comparable to the initial contaminated sample, 14' bgs. All soil samples from around the fuel oil tank and the gasoline tank were ND for gas or diesel and BTEX.

Although there may be residual diesel contamination on the east wall of the former fuel oil tank, monitoring well MW4 is located downgradient to this area and would be expected to detect any impacted groundwater. Long term monitoring was therefore initiated. Over a period of 2 years of monitoring, no contaminants have been detected.

Because of the low level of TCE detected in MW4, 0.0036ppm, TCE was not analyzed in any subsequent events. It appears that although there may be residual diesel fuel contamination left in soil (unclear the exact concentration) the contamination is localized and groundwater has not been impacted. Site closure is recommended. See attached monitoring event results.



**TABLE 1**

**ANALYSES OF WATER SAMPLES**  
 (Total Petroleum Hydrocarbons and BTEX  
 measured in micrograms per liter)

SAMPLE	DATE	TPHg	TPHd	B	T	E	X
MW-4	07/25/91	<200	<1,000	<0.5	<0.5	<0.5	<0.5
	10/21/92	NA	<50	<0.5	<0.5	<0.5	<1.5
	01/21/93	NA	<50	<0.5	<0.5	<0.5	<1.5
	04/21/93	NA	<50	<0.5	<0.5	<0.5	<0.5
	10/26/93	NA	<50	<0.5	<0.5	<0.5	<0.5
	01/11/94	NA	<250	<0.5	<0.5	<0.5	<0.5
	08/05/94	NA	NA	<0.5	<0.5	<0.5	<0.5

Sample results in parts per billion (ppb - ug/L)

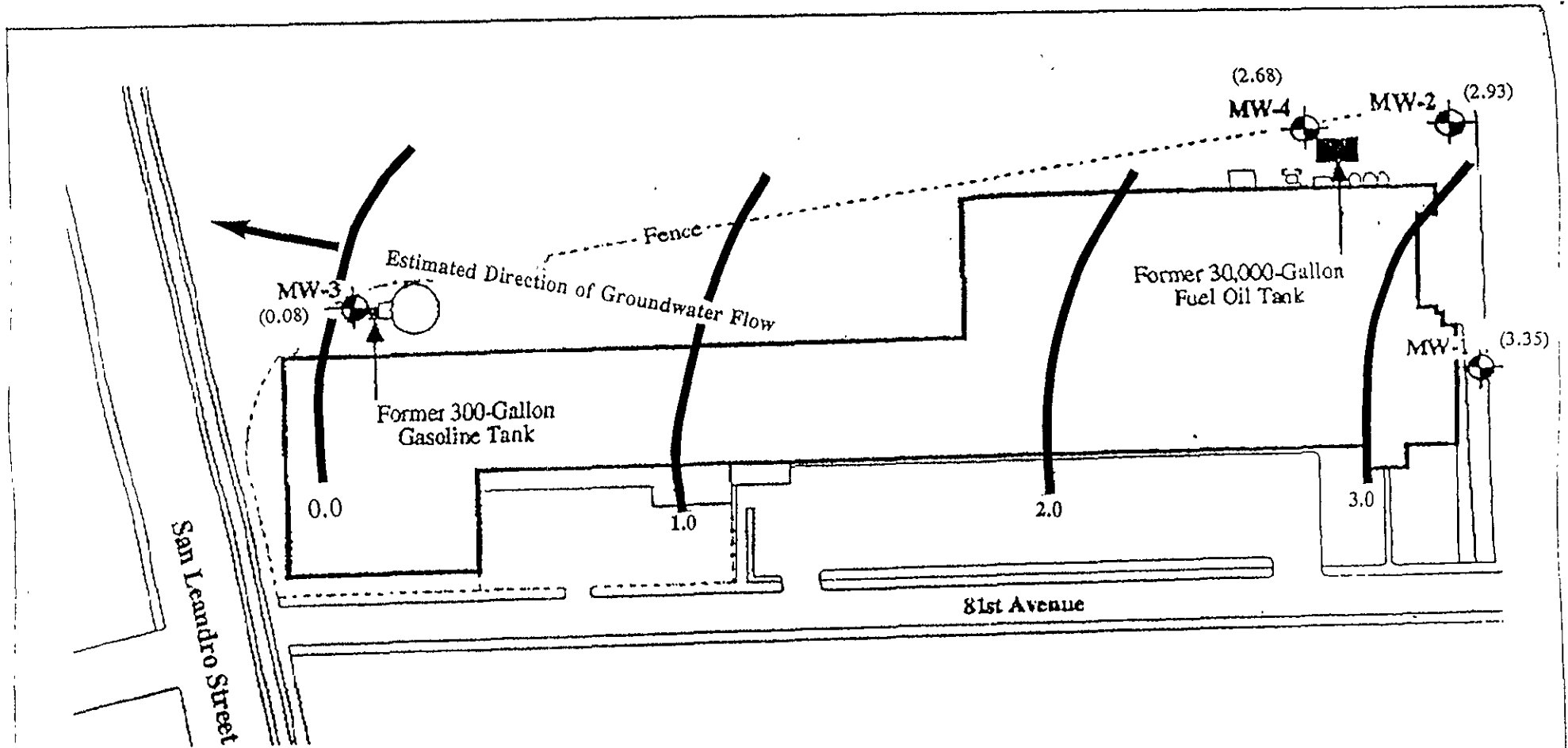
TPHg = total petroleum hydrocarbon reported as gasoline, TPHd = total petroleum hydrocarbon reported as diesel, B = Benzene, T = Toluene,

E = Ethyl Benzene, X = Total Xylenes

TPHg and TPHd analyzed by EPA Method 8015M




BTEX were analyzed by EPA Method 602

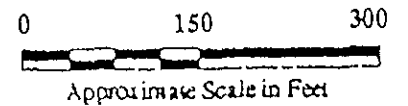
NA = Not Analyzed



Sunshine Biscuits Facility  
 851 81st Avenue  
 Oakland, CA

**Note:**

-  Groundwater-Monitoring Well
-  Contour of Equal Groundwater Elevation in feet
-  (3.35) Groundwater Elevation in Feet



MJA CONSULTING, INC.

Project No.: CE-790

GENERALIZED SITE PLAN  
 WITH CONTOURS OF GROUNDWATER  
 ELEVATION IN FEET AND ESTIMATED  
 GROUNDWATER FLOW DIRECTION ON  
 AUGUST 5, 1994.

PLATE  
 P-1