### **HEALTH CARE SERVICES**

**AGENCY** 



DAVID J. KLARS, Agency Director

January 7, 1998 StID # 3740 ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION (LOP) 1131 Harbor Bay Parkway, Surte 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

#### REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. William Calvert National Convenience Store 100 Waugh Drive Houston, TX 77007 Mr. Frank Polito 9899 Hamilton Ave. Fountain Valley, CA 92708

RE: 2710 Foothill Blvd., Oakland CA 94601

Dear Mssrs. Calvert and Polito:

This letter confirms the completion of site investigation and remedial action for the three 10,000 gallon underground gasoline tanks; one regular, one unleaded and one super unleaded, removed from 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 tank is greatly appreciated.

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

Sincerely,

Mee Ling Tung

Director, Environmental Health

C: B. Chan, Hazardous Materials Division-files Kevin Graves, RWQCB

Mr. Dave Deaner, SWRCB Cleanup Fund

Mr. Leroy Griffin, City of Oakland OES, 505 14th St., Suite 702, Oakland CA 94612

RACC2710

# **HEALTH CARE SERVICES**

AGENCY

DAVID J. KEARS, Agency Director



January 9, 1998 StID# 3740

Mr. William Calvert National Convenience Store 100 Waugh Drive Houston, TX 77007

**ENVIRONMENTAL HEALTH SERVICES** ENVIRONMENTAL PROTECTION (LOP) 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577

(510) 567-6700 Mr. Franksing bits 9899 Hamilton Ave. Fountain Valley, CA 92708

RE: Fuel Leak Site Case Closure-Stop N Go Store #1006, 2710 Foothill Blvd., Oakland CA 94601

Dear Mssrs. Calvert and Polito:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, Chapter 6.75 (Article 4, Section 25299.37 h). The State Water Resources Control Board adopted this letter on February 20, As of March 1, 1997, the Alameda County Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site.

## Site Investigation and Cleanup Summary:

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

\* 81 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg) and 0.15, 0.44, 0.70 and 4.2 ppm BTEX, respectively remain in the soil at the site.

This site should be included in the City's permit tracking Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan

Kainer M Cla-

Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: Mr. L. Griffin, City of Oakland OES, 505 14th St., Suite 702, Oakland CA 94612

B. Chan, files (letter only)

trlt2710

CAUFORNUA REGIONAL WATER CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program Policians South

I. AGENCY INFORMATION Date: 4/02/96

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: Stop N Go Store # 1006

Site facility address: 2710 Foothill Blvd., Oakland CA 94601

RB LUSTIS Case No: N/A

Local Case No./LOP Case No.: 3740

ULR filing date: 8/23/90

SWEEPS No: N/A

according to Leak Book, copy attached

Responsible Parties: National Convenience Store 100 Waugh Drive

Addresses:

Phone Numbers:

Mr. William Calvert

Houston TX 77007

(713) 863-2200

Mr. Frank Polito

9899 Hamilton Ave.

Fountain Valley, CA 92708

Tank No:	size in gal.:	<u>Contents:</u>	<pre>Closed in-place   or removed?:</pre>	<u>Date:</u>
1	10,000	Regular gas	Removed	06/12/89
2	10,000	<b>UL</b> gasoline	Removed	06/12/89
3	10,000	Super UL gas	Removed	06/12/89

#### III RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete?

Date approved by oversight agency: wp approved on 2/14/91

Monitoring Wells installed?

YES

Number: 3

Proper screened interval? Yes, from approx. 20-35' bgs

Highest GW depth: 19.1'bgs Lowest depth: 23.2' bgs

Page 1 of 3

#### Leaking Underground Fuel Storage Program

Flow direction: southwesterly

Most sensitive current use: commercial

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)? Alameda County

1131 Harbor Bay Parkway,

Room 250, Alameda CA 94502-6577

#### Treatment and Disposal of Affected Material:

<u>Material</u>	Amount (include units)	Action (Treatment of Disposal w/destination)	<u>Date</u>
Tanks	3-10,000 gallon	Disposed @ H&H Ship Service San Francisco	06/12/89
Liquid waste	300 gallon	Disposed @ H&H Ship Service San Francisco	06/13/89
Soil	631 ton	Disposed at Forward Landfill, Stockton CA	08/21-8/22/89

# Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil	(ppm)	Water (ppb)		
	<u>Before</u>	After	<u>Before</u>	After	
TPH (Gas)	470	81		<50	
Benzene	0.14	0.15		<0.5	
Toluene	3.0	0.44		<0.5	
Ethylbenzene	5.4	0.70		<0.5	
Xylenes	31	4.2		<0.5	
Total lead	5.0	5.0			

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

See Additional Comments

#### 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

#### Leaking Underground Fuel Storage Tank Program

#### IV. CLOSURE

Does corrective action protect public health for current land use? YES

Site management requirements: NA

Should corrective action be reviewed if land use changes?

Monitoring wells Decommisioned: NO, pending closure

Number Decommisioned: 0 Number Retained: 3

List enforcement actions taken: None

List enforcement actions rescinded: None

#### v. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan

Signature: fame, Molan.

Reviewed by

Title: Hazardous Materials Specialist

Date: 4/29/96

Name: Dale Klettke

Signature: / Jale K

Name: Eva Chu

Signature:

Title: Hazardous Materials Specialist

Date: 4/29/96

Title: Haz. Mat. Specialist

Date: 425/96

VI. RWQCB NOTIFICATION

Date Submitted to RB:

RWQCB Staff Mame: K. Graves

Title: AWRCE Date:

VII. ADDITIONAL COMMENTS. DATA FING

On 6/12/89 ACDEH oversaw the removal of 3-10,000 gallon steel underground fuel tanks within one common pit at this site. Two of the six (6) initial tankhold soil samples (2-1W and 4-2S) from beneath each end of the tank collected from a depth of 13-14' bgs detected TPHg concentration in excess of 100 ppm (130 and 470 ppm). Therefore these locations were overexcavated to depths of 14 and 18' bgs, respectively. Confirmatory samples were ND (<10 ppm) for TPHg while BTEX was as high as 0.15, <0.005, <0.005 and 0.042 ppm, respectively.

Page 3 of 4

#### Leaking Underground Fuel Storage Tank Program

The pump island was located just above the tanks and therefore not sampled. Groundwater was not encountered during the tank removals. On February 27 & 28, 1991 three monitoring wells were installed around the former tank pit. Groundwater was encountered in these wells at approximately 22' bgs. Groundwater elevation in these wells has varied from 19-23' bgs. Groundwater appears to be unconfined. Soil borings from these wells detected rather unremarkable results for TPHg and BTEX. The three wells were monitored on three successive occasions; 3/13/91, 6/25/91 and 9/5/91. No TPHg or BTEX was detected in any of these sampling events. Contaminated soils were successfully removed. Low levels of benzene detected in soil samples should pose no human health threat. Groundwater does not appear to be impacted, therefore, continued monitoring is no longer warranted.

CCL2710

Page 4 of 4

DRAY	M BY C.W.		DRAWNG NO.
D. St	AGLE		NONE
CHEC	KED BY		SCALE
		6/89	
APPR	OVED BY	DATE	REVISION

STOP N GO STORE NO. 1006 2710 FOOTHILLS RD. OAKLAND, CA. FIGURE 2 TANKHOLD SAMPLING LOCATIONS

HT-8178-89H

TASK 1006

#### TABLE 1

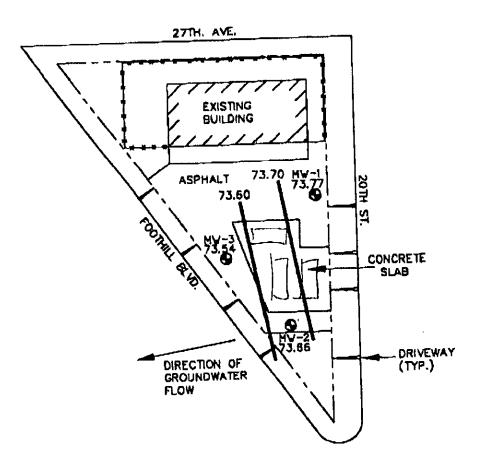
# Summary of Laboratory Soil Analyses Initial Tankhold Sample Collection June 13, 1989

Stop N Go Store No. 1006 2710 Foothills Road Oakland, California

Sample Number	Approx. Depth (ft)	Total Volatile Hydrocarbons As Gasoline (mg/kg)	Benzene (μg/kg)	Ethyl Benzene (µg/kg)	Toluene	Total Xylenes (μg/kg)	Total Lead (mg/kg)
1-1E	13 - 14	81	140	700	440	4,200	5.0
<u>2-1W</u>	13 - 14	130	< 100	260	< 100	2,900	4.6
3-2N	13 - 14	< 10	< 5	_<5	<5	<5	< 2.5
4-2S	13 - 14	(470)	< 100	5,400	3,000	31,000	4.3
5- <b>3N</b>	13 - 14	< 10	<5	< 5	< 5	<5	< 2.5
6-3S	13 - 14	66	< 100	- 210	< 100	1,400	4.0

Total volatile hydrocarbons as gasoline measured by USEPA method 8015. BETX measured by USEPA method 602/8020. Extraction by USEPA 5030 Purge and Trap. Lead measured by USEPA method 7420.





#### LEGEND

HV-1 **⊕** 

NUMBER AND APPROXIMATE LOCATION OF MONITORING WELL

73.77 GROUND-WATER ELEVATION; ASSUMED BENCHMARK ELEVATION OF 100.00 FEET.

\_\_\_ PROPERTY LINE

\*\*\* FENCE

-73.70 GROUNDWATER CONTOUR ELEVATION

SOURCE: FIELD SKETCH MADE ON 8/25/91, AND GROUNDWATER MEASUREMENTS TAKEN ON 9/5/91, BY LAW ENVIRONMENTAL, INC.

APPROXIMATE SCALE IN FEET

NATIONAL CONVENIENCE STORES STORE #1006 2710 FOOTHILL BLVD. OAKLAND, CALIFORNIA



LAW ENVIRONMENTAL, INC.

SITE PLAN

JOB NO. 31-0524

FIGURE 2

C LIMES VRUNES VINCE VOICE TITZ RIME, MIT 9/30/81



both MW-1 and MW-3. MW-2 produced approximately 20 gallon of groundwater before going dry. The wells were allowed to recover to approximately 80 percent of their respective static water levels prior to sampling. Groundwater samples from each well were collected with a dedicated disposable plastic bailer and placed in two laboratory supplied 40 milliliter volatile organic analysis (VOA) vials which contained hydrochloric acid (HCL) as a preservative. The vials were checked for air bubbles, placed in a sealed plastic bag, stored on ice in a thermally insulated cooler, and delivered to the California certified BC Analytical Laboratory located in Emeryville, California accompanied by a chain-of-custody document. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPH/G) and benzene, ethylbenzene, toluene and total xylenes (BETX) using Modified EPA Methods 8015 and 602, respectively.

TPH/G and BETX constituents were not detected in any of the three groundwater samples. Complete groundwater analytical results for quarterly samples collected on September 5, 1991 are presented in Appendix A. A summary of the laboratory analytical results for groundwater samples from the three quarterly sampling intervals are presented in the table below.

1		- 5 1001	June 25, 1991		March 13, 1991	
MONITORING	TPH/G	BETX (ug/l)	TPH/G (ug/l)	BETX (ug/l)	TPH/G (ug/l)	BETX (ug/l)
WELL NO. MW-1	(ug/l) <50	<0.5	<50	<0.5	<50	<0.5
MW-2	<50	<0.5	<50	<0.5	<50_	<0.5
MW-3	<50_	<0.5	<50	<0.5	<50	<0.5

Note: <= constituents not detected above indicated detection limits

Thank you for the opportunity to provide our environmental services. Should you have any questions or comments regarding this project, please contact Mark I. Miller at (415) 499-1422.

Sincerely,

Mark I. Miller, C.E.G. 1540

Senior Geologist

Thomas C. Holmes, R.G. 4693

Principal

Enclosures

#### TABLE 2

### Summary of Laboratory Soil Analyses Over-excavation Sample Collection June 27, 1989

Stop N Go Store No. 1006 2710 Foothills Road Oakland, California

Sample Number	Approx. Depth (ft)	Total Volatile Hydrocarbons As Gasoline (mg/kg)	Benzene (µg/kg)	Ethyl Benzene (µg/kg)	Taluene (μg/kg)	Total Xylenes (µg/kg)	Total Lead (mg/kg)
10-1W-14	14 -	< 10	150	< 5	< 5	42	< 2.5
11-25-18	18	< 10	< 5	<5_	< 5	24	< 2.5

Total volatile hydrocarbons as gasoline measured by USEPA method 8015. BETX measured by USEPA method 602/8020. Extraction by USEPA 5030 Purge and Trap. Lead measured by USEPA method 7420.