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COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

July 18, 2003

Site #2000-16783

Larry Pitts  
 Pitts Indian Ave., Inc.  
 490 S. Indian Ave.  
 Palm Springs CA 92262

Mr. Eric Roehl  
 Chevron Products Co.  
 P.O. Box 2292  
 Brea CA 92822-1192

RE: Underground Storage Tank Cleanup at South Indian Gas/Former Chevron Station #9-3670 at  
 490 South Indian Canyon Drive, Palm Springs

Dear Responsible Parties,

This letter confirms the completion of site investigation for the underground storage tanks 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 underground storage tanks are greatly appreciated.

Based on the 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 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 that no further action related to the petroleum release 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,

Gary Root  
 Director of Environmental Health

Enclosure: Case Closure Summary

cc: Abdi Haile, CRRWQCB  
 Cleanup Fund  
 Mike Kellner, Agua Caliente Band of Caballita Indians  
 file

caselclsr 03/26/97

47-923 Oasis Road. #EA  
 Indio, CA 92201  
 Fax (760) 863-8303  
 (760) 863-8976

4066 County Circle Drive, Rm. 123  
 Riverside, CA 92503  
 Fax (909) 358-5017  
 (909) 358-5055  
 Department Web Site - [www.rivcoeh.org](http://www.rivcoeh.org)

800 S. Sanderson Avenue  
 Hemet, CA 92345  
 Fax (909) 766-7874  
 (909) 766-6524

TOTAL P.01

## CASE CLOSURE SUMMARY LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: South Indian Gas

SITE NO: 2000-16783

### I. Agency Information

Date: 6/6/03

<b>AGENCY NAME:</b> County of Riverside, Department of Environmental Health Hazardous Materials Management Division <b>ADDRESS:</b> 47923 Oasis Street, Indio CA 92201 (760) 863-8976 <b>STAFF PERSON:</b> Linda D. Shurlow, REHS-- Hazardous Materials Management Specialist
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### II. Case Information

<b>SITE NAME:</b> South Indian Gas <b>SITE ADDRESS:</b> 490 S. Indian Ave. Palm Springs <b>RB LUSTIS CASE NO:</b> <span style="float: right;"><b>LOP/LOCAL CASE NO:</b> 2000-16783</span> <b>URR FILING DATE:</b> 10/4/00 <span style="float: right;"><b>SWEEPS NO:</b></span>				
RESPONSIBLE PARTIES		ADDRESS		PHONE NUMBER
Pitts Indian Ave., Inc.		115 S. Indian Ave. Palm Springs CA 92262		
TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1-3	10,000 gal	gasoline	removed	8/30/00
4	500 gal	waste oil	removed	8/30/00

### III. Release and Site Characterization Information

<b>CAUSE &amp; TYPE OF RELEASE:</b> gasoline <b>SITE CHARACTERIZATION COMPLETE?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>DATE APPROVED BY OVERSIGHT AGENCY:</b> 6/6/03
<b>MONITORING WELLS INSTALLED?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>NUMBER:</b> <b>PROPER SCREEN INTERVAL?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> <b>HIGHEST GW DEPTH BELOW GROUND SURFACE:</b> 180' <span style="float: right;"><b>LOWEST DEPTH:</b></span> <b>FLOW DIRECTION:</b> southeast
<b>MOST SENSITIVE CURRENT GW USE:</b> domestic <b>ARE DRINKING WATER WELLS AFFECTED?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>AQUIFER NAME:</b>
<b>SURFACE WATER AFFECTED?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>NEAREST/AFFECTED SW NAME:</b> <b>OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):</b>
<b>REPORTS ON FILE?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>LOCATION OF REPORTS:</b> County of Riverside, Department of Environmental Health Hazardous Materials Management Division 4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600 (909) 358-5055

**CASE CLOSURE SUMMARY  
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM**

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SITE NO: 2000-16783

**III. Release and Site Characterization Information (cont.)**

<b>TREATMENT &amp; DISPOSAL OF AFFECTED MATERIAL</b>			
<b>MATERIAL</b>	<b>AMOUNT</b>	<b>ACTION (Treatment or disposal &amp; destination)</b>	<b>DATE</b>
TANK PIPING RINSEATE SOIL GROUNDWATER OTHER	4	removed	8/2000

<b>MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before &amp; After Cleanup</b>						
<b>CONTAMINANT</b>	<b>SOIL</b>				<b>GROUNDWATER</b>	
	<b>BEFORE</b>	<b>DEPTH</b>	<b>AFTER</b>	<b>DEPTH</b>	<b>BEFORE</b>	<b>AFTER</b>
TPH (GAS)	52 ppm	15'				
TPH (DIESEL)						
TRPH (418.1)	12000 ppm	5'				
BENZENE	10 ppb	15'				
TOLUENE	160 ppb	15'				
XYLENE	740 ppb	15'				
ETHYLBENZENE	94 ppb	15'				
MTBE	7.1 ppm	15'				
LEAD	1.3 ppm	15'				

**COMMENTS (soil types, depth of remediation, etc.):** sand with gravel and cobbles a 24 hour and a 5 day sve test completed.

**IV. Closure**

<p><b>DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><b>SITE MANAGEMENT REQUIREMENTS:</b></p>
<p><b>SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p><b>MONITORING WELLS DECOMMISSIONED?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> None Installed <input checked="" type="checkbox"/></p> <p><b>NUMBER DECOMMISSIONED:</b> _____ <b>NUMBER RETAINED:</b> _____</p>
<p><b>LIST ENFORCEMENT ACTIONS TAKEN:</b></p> <p><b>LIST ENFORCEMENT ACTIONS RESCINDED:</b></p>

**CASE CLOSURE SUMMARY**  
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**V. Local Agency Representative Data**

<b>NAME:</b> Earl Tuntland	<b>TITLE:</b> Asst. Environmental Health Administrator
<b>SIGNATURE:</b> 	<b>DATE:</b> 7/24/03

**VI. RWQCB Notification**

<b>DATE SUBMITTED TO RWQCB:</b>	<b>RWQCB RESPONSE:</b>
<b>RWQCB STAFF NAME:</b> Abdi Haile	<b>TITLE:</b> Senior Eng. Geologist
<b>SIGNATURE:</b> 	<b>DATE:</b> 7/14/03

**VII. Additional Comments, Data, Etc.**

On August 30, 2000, three gasoline and one waste oil tank were removed from the site. Soil samples taken at 5 feet under the waste oil tank showed 12,000 ppm TRPH and 20 ppm at 9', 58 ppm at 12'. Soil samples under the dispensers were all ND for TPHg, BTEX and MTBE except for one MTBE hit of 26 ppb under dispenser 1. Soil samples from under the tanks showed a high of 52 ppm TPHg, 10 ppb benzene and 7.1 ppm MTBE. The site was placed into the LOP program.

Chevron Products Company took responsibility for the cleanup. On June 4, 2001, they drilled 4 borings on the property. The borings were proposed to be a minimum of 50' deep however cobbles in the subsurface caused auger refusal at 42.5', 32', 30', and 31' bgs. All samples were ND for TPHg, BTEX and MTBE with two exceptions. Boring 1 had MTBE hits of 22 ppb at 35' and 8.4 ppb at 42.5' bgs.

The consultant requested closure based on the results of the investigation and the depth to groundwater. The nearest public well is located ¼ mile east of the site. Closure was denied and a 24 hour ve test was required.

On March 21 and 22, 2002, a high vacuum 24-hour vapor extraction pilot test was conducted at the site. TPHg levels decreased from 560 to 290 ppmv at the end of the test. Benzene increased slightly from 6.5 ppmv to 6.9 ppmv. MTBE was not detected. An estimated 49 pounds (7.7 gallons) of petroleum hydrocarbons were destroyed during the test.

The consultant again requested closure based on the results of the vapor test which showed hydrocarbon concentrations near the threshold Chevron uses for terminating the operation of a vapor extraction system. Closure was again denied due to the amount hydrocarbons removed during the test and a 5-day test was requested.

During May 1 through May 8, 2003 a 5.3 day sve test was completed at the site with a flow rate of 96 scfm and a vacuum of 20 ins water. The initial vapor sample showed 2.6 ppmv TPHg and no BTEX or MTBE. The ending sample showed no TPHg, BTEX or MTBE. An estimated 0.4 lbs (0.06 gallons) of hydrocarbons were removed during the test.

The consultant is again requesting closure based on previous and current investigations at the site.