

# **Final**

**November 7, 2011**

## **Review of Leaking Underground Storage Tank Cases Not in Cleanup Fund and Open Over 15 Years**

**Lahontan Regional Water Quality Control  
Board**

**Prepared as in-kind task as part of Cooperative Agreement  
LS-97952501-3 between USEPA Region 9 and the California State Water  
Resources Control Board**

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## **Executive Summary**

The Draft version of this report was submitted on October 13, 2010 and U.S. EPA Region 9 (USEPA) and Sullivan International Group, Inc. (Sullivan) scheduled a meeting to be held on September 29, 2011 to discuss the draft report and the agency's next steps for each case. During the September 2011 meeting barriers to moving cases to closure were discussed. Primary barriers discussed by the agency were recalcitrant Responsible Parties (RPs) and funding issues. For one of the cases, James Soutar Property (T0607100853), the RP could not be located and the owner walked away from the site because a lien was placed on it. Lahontan Regional Water Quality Control Board (RWQCB) stated that they were going to discuss the James Soutar case with the State Water Resource Control Board (SWRCB) to see if SWRCB has any recommendations on what to do for this case or if they can intervene.

Three of the sites were closed since the last review in October 2010: CALTRANS Woodfords Facility (T0600300011), Mountain High Ski Resort, East (T0603700225), and Mountain High Ski Area (T0603700234). There are two sites that are on track to be closed within one-year or less: CALTRANS Maintenance Station (T0603700299) and LASSEN-MODOC Ranger Unit HDQTS (T0603500009). One of the cases is a duplicate case and the agency is going to work with Hamid Foolad of the State Water Resources Control Board to have it deleted in GeoTracker: Wrightwood Maintenance Station (T0603700353). Additionally, there is one case that has been entered into the Emergency, Abandoned, and Recalcitrant (EAR) account: Yermo Truck Stop (T0607100658).

# Lahontan RWQCB

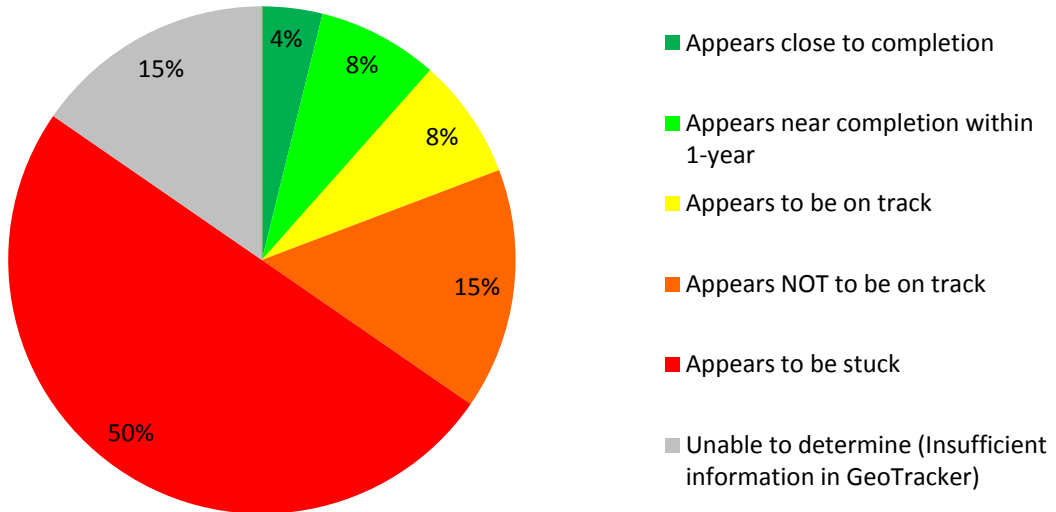
## Apparent Case Status – Initial and After

TOTAL NUMBER OF CASES REVIEWED = 26  
 NUMBER OF ACTIVE LUST CASES ON NOVEMBER 1, 2010 = 221 CASES  
 DRAFT REVIEW REPORT PREPARED AND SENT TO AGENCY ON October 13, 2010  
 RESPONSE/MEETING WITH AGENCY ON September 29, 2011

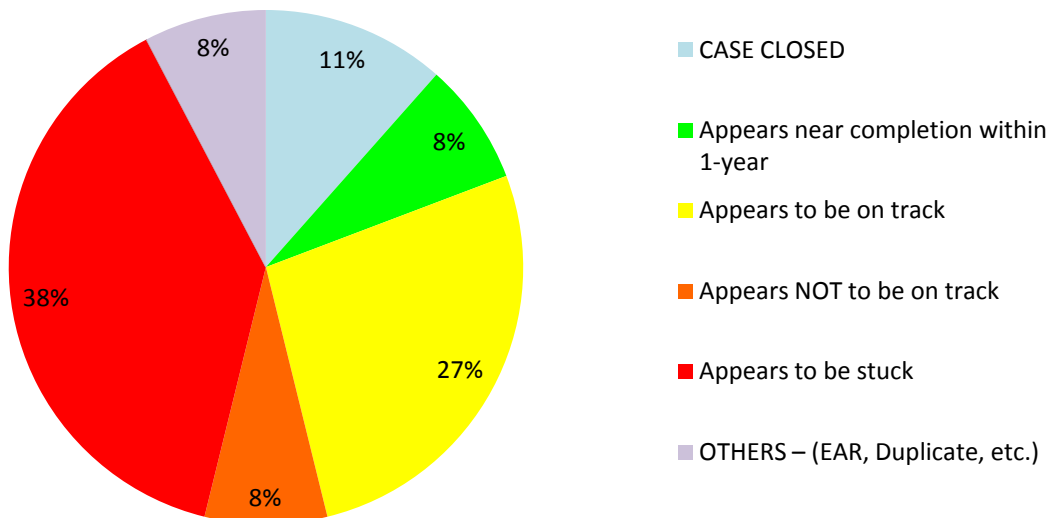
APPARENT STATUS OF CASES REVIEWED – INITIAL REVIEW AND AFTER MEETING TO DISCUSS CASES

Apparent Case Status	Initial Assessment Number of Cases (10-13-2010)	Post Meeting Assessment Number of Cases (09-29-2011)
CASE CLOSED	0	3
Appears close to completion	1	0
Appears near completion within 1-year	2	2
Appears to be on track	2	7
Appears NOT to be on track	4	2
Appears to be stuck	13	10
Unable to determine (Insufficient information in GeoTracker)	4	0
NOT FEDERAL UST CASE	0	0
OTHERS – (EAR, Duplicate, etc.)	0	2

### Initial Assessment Percentage of Cases (10-13-2010)



### Post Meeting Assessment Percentage of Cases (09-29-2011)



CASE REVIEW SUMMARY TABLE  
REGION 6 - LAHONTAN RWQCB

ESTIMATED STATUS IN THE CLEANUP PIPELINE?	CHANGE IN STATUS IN THE CLEANUP PIPELINE (BASED ON MEETING/CALL WITH AGENCY) ON 09/29/11	SITE NAME (CASE LEAD AGENCY: LAHONTAN RWQCB)	GLOBAL ID	CASE WORKER	PRIMARY COC (In GeoTracker)	APPARENT TYPE OF RP	RELEASE DATE	DISCUSSION NOTES FROM MEETING/CALL (09/29/11)	NEXT STEPS FOR AGENCY
Appears close to completion	Appears to be on track	CONOCOPHILLIPS PETROLEUM BULK PLANT #0833	T0607100744	LCS	Multiple	Z - Major Oil Company	12/6/1991	Caseworker said that the case is On Track but still need additional monitoring and is NOT near completion. This case is considered on Track.	Push for new/additional remedial investigation (RI)/risk assessment
Appears near completion within 1-year	Closed	CALTRANS WOODFORDS FACILITY	T0600300011	BDG	Diesel	G - Government Entity (include School, Hospital, Utility)	8/31/1989	Case is Closed as of 09/30/2010.	Closed
Appears near completion within 1-year	Closed	MOUNTAIN HIGH SKI RESORT, EAST	T0603700225	LCS	Unknown	S - Small Private Business	8/15/1995	Case is closed as of 02/15/2011.	Closed
Appears to be on track	Appears to be on track	TOSCO - FACILITY #5949	T0603500015	LSD	Gasoline	Z - Major Oil Company	11/5/1992	The caseworker said that this case is on Track. The consultants submitted a work plan in for remedial action in May 2011.	Push for new/additional remedial investigation (RI)/risk assessment
Appears to be on track	Appears to be on track	EXXON # 7-3871	T0607100836	JEB	Multiple	Z - Major Oil Company	2/23/1993	The caseworker said the case in On Track. A site assessment report was submitted in June 2011. Benzene in off-site wells is being remediated with the use of oxygen emitters	Monitor new remediation system effectiveness
Appears NOT to be on track	Appears to be on track	ARCO #1917	T0603700342	LCS	Gasoline	Z - Major Oil Company	5/6/1992	The caseworker said that this case is On Track. A RAP/CAP was submitted in August 2011.	Continue current remediation until low-risk criteria is met
Appears NOT to be on track	Appears to be on track	DAVID K ROBERTS AUTOMOTIVE	T0602700057	TML	Gasoline	G - Government Entity (include School, Hospital, Utility)	10/30/1992	The caseworker said that this case is On Track but it is slow moving because CalTrans is slow to get money to do the work.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears NOT to be on track	Appears to be on track	SEARLES VALLEY MINERALS	T0607100775	TML	Other	I - Industry (Railroad, Steel etc)	1/26/1993	The caseworker said that the case in On Track. Removal of TPH is remedial action. Approximately 13 gallons of TPHd was removed in 1st and 2nd quarter of 2011.	Continue current remediation until low-risk criteria is met

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REGION 6 - LAHONTAN RWQCB

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Appears NOT to be on track	Appears NOT to be on track	SHELL STATION	T0603700351	LCS	Gasoline	Z - Major Oil Company	7/12/1994	The caseworker said that this case is Not on Track and that they need to send an enforcement letter.	Push for new/additional remedial investigation (RI)/risk assessment
Appears to be stuck	Closed	MOUNTAIN HIGH SKI AREA	T0603700234	LCS	Diesel	I - Industry (Railroad, Steel etc)	12/21/1982	This case was closed on 02/15/2011.	Closed
Appears to be stuck	Other--EAR Account	YERMO TRUCK STOP	T0607100658	BDG	Gasoline	I - Industry (Railroad, Steel etc)	4/30/1984	The caseworker said that this case is currently an EAR account site and even though it is an EAR Account Site, the Board will provide oversight for this case. The agency just accepted the consultant's scope of work. This case no longer meets the aging Non-CUF criteria. This case is classified as "Other--EAR account".	EAR Account--will continue to provide oversight
Appears to be stuck	Appears NOT to be on track	SOUTHDOWN BLACK MTN QUARRY	T0607100663	TML	Diesel	I - Industry (Railroad, Steel etc)	11/15/1987	No case file exists for this facility. Staff is working to get this site on track. Directive letter requesting all historic information sent on 10/2/11. There is also a landfill component to the site. The caseworker believes that the RP will be responsive and responsible and the site will progress. The agency believes this case will be on track soon.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be stuck	LEO S. JONES OIL CO.	T0603500008	JEB	Multiple	Z - Major Oil Company	5/3/1988	The caseworker said this case is STUCK. There is also an AST component to this site. The agency said that they need to provide directive letters.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears near completion within 1-year	LASSEN-MODOC RANGER UNIT HDQTS	T0603500009	JEB	Gasoline	G - Government Entity (include School, Hospital, Utility)	6/29/1988	The caseworker said that the consultant is preparing a closure report but that the agency still needs to see the results of confirmation samples prior to closure. The case is considered closeable within one year.	Complete closure process in 1-year (includes well decommission)
Appears to be stuck	Appears to be stuck	MT WHITNEY FISH HATCHERY	T0602700018	LSD	Gasoline	G - Government Entity (include School, Hospital, Utility)	1/30/1989	The caseworker said that they have been trying to obtain additional information from RP. The agency has sent two directive letters and haven't received any information or response from the RP. The request for information is still outstanding. This case is STUCK.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be stuck	PETRO-LOCK INC	T0603700266	LCS	Gasoline	S - Small Private Business	6/13/1990	The caseworker said that they haven't received any information from LA County and they haven't been responsive. The agency will write additional enforcement letters to RP. This case remains STUCK.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)

CASE REVIEW SUMMARY TABLE  
REGION 6 - LAHONTAN RWQCB

ESTIMATED STATUS IN THE CLEANUP PIPELINE?	CHANGE IN STATUS IN THE CLEANUP PIPELINE (BASED ON MEETING/CALL WITH AGENCY) ON 09/29/11	SITE NAME (CASE LEAD AGENCY: LAHONTAN RWQCB)	GLOBAL ID	CASE WORKER	PRIMARY COC (In GeoTracker)	APPARENT TYPE OF RP	RELEASE DATE	DISCUSSION NOTES FROM MEETING/CALL (09/29/11)	NEXT STEPS FOR AGENCY
Appears to be stuck	Appears to be stuck	CALICO TRUCK STOP	T0607100749	TML	Diesel	S - Small Private Business	10/11/1990	The caseworker said that this site has changed ownership, within the same family on multiple occasions. This RP family has been a problem historically. Some of the family members have been thrown in jail by the District Attorney. The caseworker has talked to the wife of the new owner and she had indicated that she and her husband were in the process of applying to the FUND, when in fact they never did and they hadn't even talked to any consultants about the site. The caseworker indicated that this site is in the middle of nowhere. The caseworker said that the agency would issue additional directive letters. This case remains STUCK.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be stuck	BISHOP AIRPORT	T0602700047	BDG	Other	G - Government Entity (include School, Hospital, Utility)	3/30/1992	The caseworker said that they are trying to get files from the County and still have not received any information. This case remains Stuck.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be stuck	JC FENNEL & SONS	T0602900888	TML	Gasoline	O - Other (Individual, Homes etc)	11/4/1992	The case remains stuck because of a recalcitrant RP. Staff is unable to locate RP.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be stuck	JANA STORE FIXTURES	T0603700330	LCS	Gasoline	S - Small Private Business	3/18/1993	The case remains Stuck because of a Recalcitrant RP. Agency will write additional directive letters.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be on track	SUNNYSIDE MARKET	T0606100380	BDG	Gasoline	O - Other (Individual, Homes etc)	8/24/1993	The caseworker said that a Geophysical investigation was conducted at the site to see if there was a tank straddled between two properties. A tank was discovered. Currently they are figuring out who is responsible for the tank. This case is On Track but documents need to be uploaded to GeoTracker.	Push for new/additional remedial investigation (RI)/risk assessment
Appears to be stuck	Appears to be stuck	JAMES SOUTAR PROPERTY	T0607100853	TML	Multiple	O - Other (Individual, Homes etc)	8/5/1994	The caseworker said that the RP can't be located and worked with San Bernardino County to see if could gather additional information. The caseworker said that the owner walked away from the site because a lien was placed on the property. Maybe have SWRCB follow-up and figure out who and where the RP is. This case remains Stuck.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Unable to determine (Insufficient Information in GeoTracker)	Other--Duplicate	WRIGHTWOOD MAINTENANCE STATION	T0603700353	LCS	Diesel	U - Unknown	4/20/1990	The caseworker said that this is a Duplicate case with "CalTrans Maintenance Station". The caseworker will talk to Hamid Foolad (SWRCB) about this. It shows up as two separate cases. Caseworker will follow-up and have this case deleted.	Delete Case from GeoTracker



CASE REVIEW SUMMARY TABLE  
 REGION 6 - LAHONTAN RWQCB

ESTIMATED STATUS IN THE CLEANUP PIPELINE?	CHANGE IN STATUS IN THE CLEANUP PIPELINE (BASED ON MEETING/CALL WITH AGENCY) ON 09/29/11	SITE NAME (CASE LEAD AGENCY: LAHONTAN RWQCB)	GLOBAL ID	CASE WORKER	PRIMARY COC (In GeoTracker)	APPARENT TYPE OF RP	RELEASE DATE	DISCUSSION NOTES FROM MEETING/CALL (09/29/11)	NEXT STEPS FOR AGENCY
Unable to determine (Insufficient Information in GeoTracker)	Appears to be stuck	SIERRA HWY & AVE S	T0603700245	LCS	Multiple	U - Unknown	5/18/1990	The case remains Stuck because of a Recalcitrant RP. Agency will write additional directive letters.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Unable to determine (Insufficient Information in GeoTracker)	Appears to be stuck	LANCASTER LANDFILL	T0603700262	LCS	Diesel	G - Government Entity (include School, Hospital, Utility)	8/6/1990	The caseworker said that they sent several directive letters in 2008. The agency mentioned that overall they don't take too many enforcement actions. The caseworker talked to the RP and they said they were going to do work but didn't. Caseworker said that he will send another directive letter and information about GeoTracker requirements. This case remains unclaimed and STUCK.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Unable to determine (Insufficient Information in GeoTracker)	Appears near completion within 1-year	CALTRANS MAINTENANCE STATION	T0603700299	LCS	Unknown	U - Unknown	5/28/1991	The caseworker said that this case is In the process of being requested for closure. This case should be closed within one year.	Complete closure process in 1-year (includes well decommission)

## **Attachment 1:**

### **Case Review Power Point Slides from Draft Report**

The contents of this attachment are provided in electronic format only.

## CONOCOPHILLIPS PETROLEUM BULK PLANT #0833 (T0607100744)

### 16640 D ST, VICTORVILLE , CA 92392



**Case Age:** 19 years

**RP Identified by Regulator:** CONOCOPHILLIPS

**Primary COC:** BENZENE, DIESEL, FUEL

OXYGENATES, GASOLINE, TOLUENE, XYLENE

**Current Land Use:** Not changed



#### Possible Reasons Why This Case Is So Old

• No work completed from 2001 to 2008.  
 Closure requests submitted 2001, 2002, and 2005 (each to a different RB project manager); RB responded in 2008 and denied closure due to paucity of GW data. Also may be attributed to transfer of regional board project manager for this case based on emails dated 2006.

MAP THIS SITE

OPEN - VERIFICATION MONITORING

#### CLEANUP OVERSIGHT AGENCIES

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6E3600341T

CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH

LAHONTAN RWQCB (REGION 8V) - CASE #: 6E3600341T

SAN BERNARDINO COUNTY LOP

CASEWORKER: [JACKSON CRUTSINGER](#) - SUPERVISOR: MARILYN KRAFT

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info

### T0607100744

#### Assessment last 5 years

- Closure request submitted in 7/2001, 3/2002 and 2/2005 – RB denied closure in 2008 letter; one year of quarterly sampling (4 MWs) requested by RB in letter dated 11/13/2008
- 2/2009 MWs redeveloped (not sampled in 7 years) and quarterly GW sampling reinstated in 1Q2009

#### Remediation last 5 years

- None

#### Assessment older than 5 years

- Soil/GW sampling and 6 GMMWs installed.
- Quarterly GMM in 1992, semiannual in 1993, and annually from 1994-1997. Resumed semi-annual sampling in 1998 to 2001

#### Remediation older than 5 years

- Product line ruptured and soil over-excavated and removed in 1991.
- MNA in 3/1992 indicated in GT Activities Page.
- 4/1998 USTs removed.

## IMPEDIMENTS TO CLOSURE T0607100744

### as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/11/2009

#### IMPEDIMENTS TO CLOSURE

##### GROUNDWATER IMPACTS

Groundwater Impacted Above Background - *TPH-g continues to be detected at concentrations well above the WQOs*

##### Other Impediments

Water Board staff is concerned that with the paucity of groundwater data, no clear pattern can be discerned, including the effectiveness of monitored natural attenuation or seasonality variations in constituent concentrations and depth to groundwater.

#### BENEFITS OF ADDITIONAL WORK

Verify Remedial Action Effectiveness - *We requested that a minimum of one year of quarterly sampling of all wells onsite be performed* Restore Beneficial Uses - *Required*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	TPH-g

#### NOTES / COMMENTS

Water Board staff is concerned that with the paucity of groundwater data, no clear pattern can be discerned, including the effectiveness of monitored natural attenuation or seasonality variations in constituent concentrations and depth to groundwater. We requested that a minimum of one year of quarterly sampling of all wells onsite be performed. All groundwater samples should be analyzed for TPH-d in addition to TPH-g, BTEX, and MTBE. The analytical data should be summarized in quarterly monitoring reports and submitted no later than 30 days following the end of each quarter. The findings of the one-year quarterly sampling is to be summarized in an annual report. We further requested that the projected trends of monitored natural attenuation in the plume be evaluated by calculating the first-order decay rates for well MW-4. We will evaluate the site for closure following completion of the one year verification monitoring.

## Review Conclusions T0607100744

- No work conducted from 2001 to 2008. Consultant submitted three closure requests (2001, 2002, and 2005). Based on emails dated 2005-2006, each request was sent to a different RB PM, no evidence of written response from RB, and the consultant stopped work waiting on reply. RB responded in 2008 and requested additional GW sampling.
- Closure review dated 8/2009 indicates that TPHg continues to be detected well above WQOs. RB is concerned with paucity of GW data, no clear trend – requested a min. of one year of quarterly sampling in letter dated 11/2008.
- Groundwater was sampled for four quarters in 2009 and in Q1 2010, maximum concentrations of TPHg at 53 µg/L and TPHd at 790 µg/L were detected. All other contaminants of concern were below reporting limits. The consultant indicated they plan to submit a closure report. No response from regulator in GeoTracker.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and enforce deadlines? Location of wells not uploaded, enforce ESI compliance?*

## CALTRANS WOODFORDS FACILITY (T0600300011) HIGHWAY 89, WOODFORDS , CA 96120



**Case Age:** 21 years  
**RP Identified by Regulator:** CALTRANS  
**Primary COC:** DIESEL  
**Current Land Use:** Maintenance Facility

*OPEN - SITE ASSESSMENT*

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6T0103A  
 CASEWORKER: [BRIAN GREY](#) - SUPERVISOR: RICHARD BOOTH  
 ALPINE COUNTY  
 CASEWORKER: [UNK](#) - SUPERVISOR: NONE SPECIFIED



- Possible Reasons Why This Case Is So Old**
- Quarterly GWM since 1995.
  - No remedial activities until 2007.
  - No further action letter uploaded 9/3/2010.

NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0600300011

**Assessment last 5 years**

- Ongoing quarterly GW monitoring, now semi-annual

**Remediation last 5 years**

- Remedial Action Options Report submitted 8/2007
- Ongoing enhanced biodegradation using oxygen injection monthly since 8/2008

**Assessment older than 5 years**

- Soil samples at time of UST removal in 1989
- Eight soil borings advanced in 6/1991
- Three GWMWs installed in 1995 and Quarterly GWM commenced
- 5/2002 site investigation, Four MWs installed – soil/GW samples collected
- Three MWs installed in 2004

**Remediation older than 5 years**

- Two 4,000-ga USTs removed and over-excavated soil in 1989

## IMPEDIMENTS TO CLOSURE T0600300011

### as reported by regulatory agency

REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 7/9/2009

#### IMPEDIMENTS TO CLOSURE

##### PLUME INSTABILITY

Verification Monitoring Not Complete - *remediation ongoing*

##### GROUNDWATER IMPACTS

Groundwater Impacted Above Background - *TPHg, TPHd* Groundwater Impacted Above Other Cleanup Goal - *TPHg TPHd above MCLs*

#### BENEFITS OF ADDITIONAL WORK

Remove / Reduce Source Mass - *source area remediation ongoing*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	TPHg, TPHd

## Review Conclusions T0600300011

- Enhanced bioremediation ongoing monthly since 8/2008.
- No further action letter submitted 9/3/2010.
- *Discussion: Next step – how to move this case toward closure? Enforce ESI compliance, the site is incorrectly located in the GeoTracker map and the full address should be entered in the site information section. Close in GeoTracker? What is the final step after NFA letter to close?*

# MOUNTAIN HIGH SKI RESORT, EAST (T0603700225)

## 24512 STATE HWY 2, WRIGHTWOOD , CA 92397

### OPEN - SITE ASSESSMENT

#### CLEANUP OVERSIGHT AGENCIES

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900017T

CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH

LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900017T

LOS ANGELES COUNTY

CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED

**Case Age:** 15 years

**RP Identified by Regulator:**

MOUNTAIN HIGH SKI RESORTS

**Primary COC:** DIESEL

**Current Land Use:** Ski Resort



#### Possible Reasons Why This Case Is So Old

- Three USTs removed from this site and Twelve USTs removed from MOUNTAIN HIGH SKI RESORT, WEST as well – Documented in one report in 1998. Regulatory agency responded 5-years later in 2003 and requested additional investigation. Gaps between enforcement and activities.
- Possibly associated with **MOUNTAIN HIGH SKI AREA (T0603700234)**.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700225

### Assessment last 5 years

- Several groundwater monitoring events in 2005, one in 2009 and one in 2010

### Remediation last 5 years

- None documented

### Assessment older than 5 years

- Soil sampling conducted 1998 and report submitted 8/1998
- Soil and groundwater (two wells installed) sampling in 2003
- 10/2004 MWs installed and sampled

### Remediation older than 5 years

- USTs removed in 8/1998

## IMPEDIMENTS TO CLOSURE T0603700225

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/21/2009**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Extent of GW impacts not delineated.*

Extent of Contamination Has Not Been Determined - *saa*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *saa*

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *TPHg 60,000; benzene 9,800*

#### WELL IMPACTS

Municipal Wells Potentially Impacted - *downgradient, unknown distance* Domestic Wells Potentially Impacted - *onsite wells*

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *saa* Restore Blighted Property to Productive Use - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	saa
Domestic Wells	Undetermined	saa
Groundwater	Already Impacted	saa
Surface Water (Bay, Estuary, Stream, Lake)	Undetermined	saa
Storm drain (Runoff of contaminated soil)	Undetermined	saa
Indoor Air (Residential or Commercial)	Undetermined	saa
Irrigation / Industrial Well	Undetermined	saa

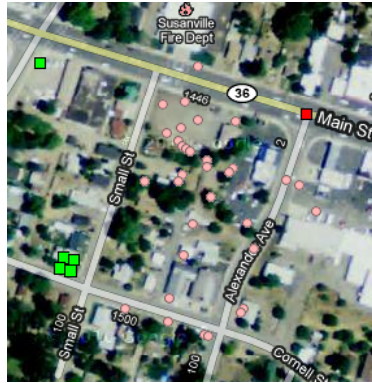
## Review Conclusions T0603700225

- Closure review dated 9/2009 indicates the extent of groundwater is not delineated and impacted above cleanup goals.
- There is a permitted UST at 24510 E ANGELES CREST HWY for MOUNTAIN HIGH SKI RESORT EAST, but that address is for another GeoTracker case, MOUNTAIN HIGH SKI RESORT WEST.
- Site location is incorrect in GeoTracker.
- Closure report from consultant submitted 4/2010, no reply noted from regulator.
- *Discussion: Next step – how to move this case toward closure? Enforce ESI compliance? Review and comment on the closure report submitted in April 2010?*



## TOSCO - FACILITY #5949 (T0603500015)

### 1500 MAIN ST, SUSANVILLE , CA 96130



**Case Age:** 18 years

**RP Identified by Regulator:** TOSCO MARKETING COMPANY

**Primary COC:** GASOLINE

**Current Land Use:** Vacant, Brownfield

#### OPEN - REMEDIATION

##### CLEANUP OVERSIGHT AGENCIES

LAHONTAN RWQCB (REGION 6T) (LEAD) - CASE #: 6T0135A

CASEWORKER: [LISA DERNBACH](#) - SUPERVISOR: CHUCK CURTIS

LASSEN COUNTY

CASEWORKER: [UNIK](#) - SUPERVISOR: NONE SPECIFIED

#### **Possible Reasons Why This Case Is So Old**

- As of 1/2009, elevated TPH as diesel concentrations still detected, up to 70,000 µg/L in groundwater.
- Due to the subsurface conditions at the site, the DPE system has had a very limited effect on hydrocarbon concentrations.



NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603500015

### Assessment last 5 years

- Soil borings advanced in 2009
- Ongoing groundwater monitoring

### Remediation last 5 years

- Ongoing DPE
- Hydrogen peroxide injection pilot test conducted in 2009

### Assessment older than 5 years

- Soil samples collected as a part of UST decommissioning in 1992 and 1995
- Site investigations conducted in 1996, 1997, 1998, 2000, and 2002
- Pump test conducted in 2000

### Remediation older than 5 years

- USTs removed in 1992, 1995, and 1998
- Excavate and disposal conducted in 1995
- DPE conducted from 2002 to present

## IMPEDIMENTS TO CLOSURE T0603500015

### as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/10/2009**

#### **IMPEDIMENTS TO CLOSURE**

##### **INADEQUATE SOURCE CONTROL**

Remaining Source Poses Threat to Groundwater - *High levels of diesel in soil still affecting water quality*

##### **PLUME INSTABILITY**

Groundwater Contamination Plume Not Stable or Decreasing - *Plume continues to migrate beneath residential area towards surface water*

##### **GROUNDWATER IMPACTS**

Groundwater Impacted Above Background - *Recent sampling shows 93,000 ppb TPH-diesel in shallow groundwater.*

##### **UNACCEPTABLE RISK**

Unacceptable Risk from Contaminated Groundwater Day Lighting to Surface Water - *Plume threatens the nearby Susan River*

##### **PROCEDURAL IMPEDIMENTS**

Regional Water Board Objects to Closure - *Water quality impacts are still too high to close site and protect beneficial uses*

#### **BENEFITS OF ADDITIONAL WORK**

Verify Remedial Action Effectiveness - *Hydrogen peroxide pilot test is underway and monitoring is needed to evaluate effectiveness*

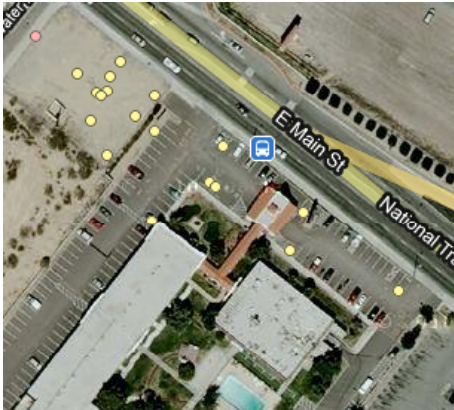
#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Surface Water (Bay, Estuary, Stream, Lake)	1-10 Years	Susan River

## Review Conclusions T0603500015

- Soil excavation, dual phase extraction, and ISCO have been implemented, but with limited affect on dissolved phase hydrocarbons.
- Closure review dated 9/10/2009 states high levels of diesel in soil still affecting water quality and plume continues to migrate beneath residential area towards the Susan River.
- Several Regulatory Response letters not loaded into GeoTracker
- *Discussion: Next step – how to move this case toward closure? Extent of contamination to be fully investigated? Has final remedial action plan been submitted for review?*

**EXXON # 7-3871 (T0607100836)**  
**1500 MAIN ST E, BARSTOW , CA 92311**



**Case Age:** 17 years

**RP Identified by Regulator:** EXXONMOBIL ENV. SERVICES CO.

**Primary COC:** FUEL OXYGENATES, GASOLINE

**Current Land Use:** Vacant lot, retail and hotel surrounding

**OPEN - VERIFICATION MONITORING**

**CLEANUP OVERSIGHT AGENCIES**

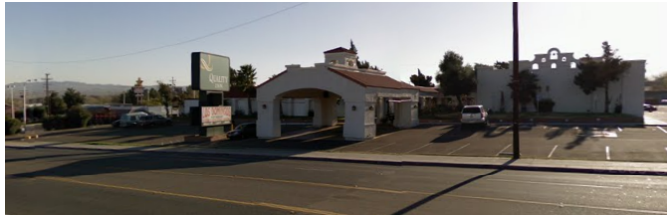
LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B3600575T

CASEWORKER: [JAMES BRATHOVDE](#) - SUPERVISOR: RICHARD BOOTH

LAHONTAN RWQCB (REGION 8V) - CASE #: 6B3600575T

SAN BERNARDINO COUNTY LOP - CASE #: 93005

CASEWORKER: [JACKSON CRUTSINGER](#) - SUPERVISOR: MARILYN KRAFT



**Possible Reasons Why This Case Is So Old**

- Transferred lead status from LOP to Region 6 in July 2010.
- Elevated benzene concentrations, oxygen emitters installed.

NOTE: Data queried from GeoTracker and reviewed in October 2010

**Activities Conducted to Date Based on GeoTracker Info  
T0607100836**

**Assessment last 5 years**

- Ongoing quarterly groundwater monitoring since 1996, now 6 MWs quarterly and 7 MWs annually

**Remediation last 5 years**

- Oxygen emitters installed in one onsite and one offsite well.

**Assessment older than 5 years**

- Site Assessment including periodic soil sampling/GW installation since 1991 (soil data since 1987)
- Quarterly GWM since 1999
- FP in 3 SVE wells in 12/1999, eventually SVE wells abandoned in 1/2002
- Short SVE test conducted in 1992

**Remediation older than 5 years**

- 69 cubic yards soil removed to date
- 8/1992 pilot test and additional SVE wells installed 11/1993
- FP recovery quarterly since 1999
- DPE installed 11/2004; 2-day HVDPE conducted; short SVE test conducted

## IMPEDIMENTS TO CLOSURE T0607100836

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 1/13/2010

### IMPEDIMENTS TO CLOSURE

#### PLUME INSTABILITY

Groundwater Contamination Plume Not Stable or Decreasing - *Offsite contaminant migration is a complicating issue suggesting another source, but one not yet identified.*

#### BENEFITS OF ADDITIONAL WORK

Remove / Reduce Source Mass - *Offsite contaminant migration is a complicating issue suggesting another source, but one not yet identified.*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	No known impacts
Domestic Wells	Undetermined	No known impacts
Groundwater	Undetermined	No known impacts
Surface Water (Bay, Estuary, Stream, Lake)	Undetermined	No known impacts
Storm drain (Runoff of contaminated soil)	Undetermined	No known impacts
Indoor Air (Residential or Commercial)	Undetermined	No known impacts
Irrigation / Industrial Well	Undetermined	No known impacts
Other	Undetermined	No known impacts

## Review Conclusions T0607100836

- Closure Review from 1/2010 indicates offsite contaminant migration is suggesting another source, but one not identified yet.
- Oxygen emitters installed and quarterly groundwater sampling is ongoing.
- *Discussion: Next step – how to move this case toward closure? Recommend an updated conceptual site model and risk assessment? Continued source of free product? Are there any possible vapor intrusion issues?*

## ARCO #1917 (T0603700342)

### 1326 AVE K, LANCASTER , CA 93534



**Case Age:** 18 years  
**RP Identified by Regulator:** ARCO PRODUCTS CO  
**Primary COC:** GASOLINE  
**Current Land Use:** Active Service Station

**OPEN - REMEDIATION**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 6T) (LEAD) - CASE #: 6b1900570t  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 6V) - CASE #: 6B1900570T  
 LOS ANGELES COUNTY  
 CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED



**Possible Reasons Why This Case Is So Old**

- Remedial activities in 1992 and now manual product removal since 1999, but FP and high concentrations still detected. No other remedial activities considered.
- Offsite migration suspected and possible need for VI investigation.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700342

**Assessment last 5 years**

- Ongoing GW monitoring since 1999, now semi-annual
- Addendum to RAP 6/2005

**Remediation last 5 years**

- Ongoing FP recovery with absorbent socks since 1999

**Assessment older than 5 years**

- Site Assessment including periodic soil sampling/GW installation since 1991 (soil data since 1987)
- Quarterly GWM since 1999
- FP in 3 SVE wells in 12/1999, eventually SVE wells abandoned in 1/2002
- Short SVE test conducted in 1992

**Remediation older than 5 years**

- 69 cubic yards soil removed to date
- 8/1992 pilot test and additional SVE wells installed 11/1993
- FP recovery quarterly since 1999
- DPE installed 11/2004; 2-day HVDPE conducted; short SVE test conducted

## IMPEDIMENTS TO CLOSURE T0603700342

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Indoor air not evaluated as possible route.*

Extent of Contamination Has Not Been Determined - *High concentrations at downgradient/crossgradient edge of property. Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - Indoor air is a possible route.*

#### INADEQUATE SOURCE CONTROL

Remaining Source Poses Threat to Groundwater - *Free product in GW.*

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Background - *TPH-g 200,000, benzene 24,000, MTBE 43,000 ppb.*

Groundwater Impacted Above Other Cleanup Goal - *TPH-g 200,000, benzene 24,000, MTBE 43,000 ppb.*

#### **BENEFITS OF ADDITIONAL WORK**

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *Evaluate indoor air route and offsite migration.*

Remove / Reduce Source Mass - *Free product in GW.*

Protect Designated Beneficial Uses - *High contaminant concentrations. Restore Beneficial Uses – reduce high contaminant concentrations.*

#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	SAA
Indoor Air (Residential or Commercial)	Undetermined	current conditions

## Review Conclusions T0603700342

- Closure Review from 8/2009 indicates that indoor air has not been evaluated as exposure route and since high concentrations detected at the downgradient/crossgradient edge of the property, possible offsite migration needs to be evaluated.
- Free product still detected and manually removed during each groundwater monitoring event.
- *Discussion: Next step – how to move this case toward closure? Free product removal initiated quarterly since 1999 and still observed on site today. Consider additional remedial activities? Recommend a conceptual site model and risk assessment? Continued source of free product? Possible vapor intrusion issues? Case appears to not be on track.*

**DAVID K ROBERTS AUTOMOTIVE (T0602700057)**  
**292 MAIN ST S, BISHOP , CA 93514**



**Case Age:** 18 years  
**RP Identified by Regulator:** LOS ANGELES, CITY OF  
**Primary COC:** GASOLINE  
**Current Land Use:** Not changed



**Possible Reasons Why This Case Is So Old**

- Long time gaps between site activities:
- Case opened in 1993 and the first documented work was in 1996.
- A work plan for site assessment was submitted in 1998, but not implemented.
- Notice of violation sent four years later in 2002 and assessment commenced in 2003.

**OPEN - VERIFICATION MONITORING**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1400503T  
 CASEWORKER: TAMMY LUNDQUIST - SUPERVISOR: RICHARD BOOTH  
 INYO COUNTY  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1400503T

NOTE: Data queried from GeoTracker and reviewed in October 2010

**Activities Conducted to Date Based on GeoTracker Info**  
**T0602700057**

**Assessment last 5 years**

- Ongoing groundwater monitoring since 2003

**Remediation last 5 years**

- None

**Assessment older than 5 years**

- Quarterly groundwater monitoring began in 2003
- Site investigations conducted in 1996, 1997, 2002, and 2004

**Remediation older than 5 years**

- Excavate and dispose conducted in 1997 with final tank removal

## IMPEDIMENTS TO CLOSURE T0602700057 as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 7/9/2009**

### IMPEDIMENTS TO CLOSURE

#### PLUME INSTABILITY

Verification Monitoring Not Complete - *high TPH and benzene conc. may need active remediation*

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Background - *benzene and TPH above WQOs*

### BENEFITS OF ADDITIONAL WORK

Remove / Reduce Source Mass - *needs to reduce benzene and TPH conc in select wells*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	groundwater

## Review Conclusions T0602700057

- Gaps in site activities, 1993-1996 and 1998-2002. Site has been actively managed since 2002, however, there have been no remedial activities noted in GeoTracker.
- Groundwater is very shallow, considered beneficial use (L.A. water supply).
- Q4 2009 groundwater monitoring report indicates that the site remediation work plan was submitted on 9/24/2009 and they have begun discussions regarding remediation alternatives.
- *Discussion: Next step – how to move this case toward cleanup/closure? L.A. Dept. of Water and Power is RP, possible gov't funding issues? Establish timeline and enforce deadlines? Location of wells not uploaded, enforce ESI compliance? Has a remedial options feasibility study been requested? Case appears to be stuck.*



# SEARLES VALLEY MINERALS (T0607100775)

## 13200 MAIN STREET, TRONA , CA 93562



**Case Age:** 17 years  
**RP Identified by Regulator:** NORTH AMERICAN CHEMICAL  
**Primary COC:** AVIATION  
**Current Land Use:** Vacant

**OPEN - REMEDIATION**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B3600451T  
 CASEWORKER: TAMMY LUNDQUIST - SUPERVISOR: RICHARD BOOTH  
 SAN BERNARDINO COUNTY LOP - CASE #: 93009

**Possible Reasons Why This Case Is So Old**

- Manual free product removal since 2002 and bioslurping for two years and shutdown in 2004.
- Free product still detected.
- Transferred from LOP to Regional Board in 3/2010.



NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0607100775

**Assessment last 5 years**

- Ongoing GW monitoring since 2002, now semi-annual

**Remediation last 5 years**

- Ongoing FP recovery since 2002, with absorbent pig
- Belt skimmer operated from 1/2006-9/2008

**Assessment older than 5 years**

- Soil samples collected after UST removal in 1993
- Additional soil sampling in 1993 and 1994 to determine extent
- MWs installed 2002 and periodically monitored
- Soil confirmation samples collected after bioslurping system shut down in 2004

**Remediation older than 5 years**

- UST removed in 1993
- Free product removal using manual bailing approved 7/1998, initiated in 2002
- Bioslurping system operated for two years, initiated in 2002

# IMPEDIMENTS TO CLOSURE T0607100775

## as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 2/11/2010

### IMPEDIMENTS TO CLOSURE

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Background - *Free product is present.*

#### BENEFITS OF ADDITIONAL WORK

Verify Remedial Action Effectiveness - *Confirmation borings should be sampled following groundwater remediation.* Remove / Reduce Source Mass - *Remove free product from aquifer.*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Free product is present.

## Review Conclusions T0607100775

- Closure review from 2/2010 indicates free product is present and confirmation borings should be sampled following groundwater remediation.
- On 10-6-2010, letter from regulator "Searles Valley Minerals will continue its free product removal program and record progress on a quarterly basis. Beginning January 2011, SVM will report the 3rd and 4th quarter free product removal report information along with the semi-annual groundwater monitoring data by January 15 and the 1st and 2nd quarter free product removal report information with the semi-annual groundwater monitoring data due by July 15. report.
- *Discussion: Next step – how to move this case toward closure? Free product removal initiated since 2002 and still observed on site today. Consider additional remedial activities? Recommend an updated conceptual site model and risk assessment?*

## SHELL STATION (T0603700351)

### 866 AVE I W, LANCASTER , CA 93534



**Case Age:** 16 years  
**RP Identified by Regulator:** SHELL OIL CO  
**Primary COC:** GASOLINE  
**Current Land Use:** Restaurant

#### OPEN - VERIFICATION MONITORING

##### CLEANUP OVERSIGHT AGENCIES

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900662T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900662T  
 LOS ANGELES COUNTY - CASE #: I-2760  
 CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED



#### Possible Reasons Why This Case Is So Old

- Site actively managed and two separate remediation methods executed.
- In 5/2008, consultant proposed MNA and long term monitoring as the final remedial method.
- Limited regulatory oversight, no regulatory response noted in GeoTracker, RP has continued quarterly groundwater monitoring.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700351

### Assessment last 5 years

- Off site assessment conducted in 2008
- Periodic groundwater monitoring has been ongoing since at least 2002 and now quarterly.

### Remediation last 5 years

- Groundwater extraction conducted 2004-2007
- Passive remediation 2008, Remedial action plan in 5/2008

### Assessment older than 5 years

- Site assessment conducted in 1994, 2001, 2002, and 2003.
- Off site assessment conducted 2002

### Remediation older than 5 years

- USTs removed in 2002
- Soil vapor extraction conducted from 2004-2007

## IMPEDIMENTS TO CLOSURE T0603700351

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Lateral extent of contamination not defined.*

Extent of Contamination Has Not Been Determined - *saa*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *saa*  
Sensitive Receptor Survey Has Not Been Completed - *saa*

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *TPHg 150, benzene 88 ppb*

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *saa* Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

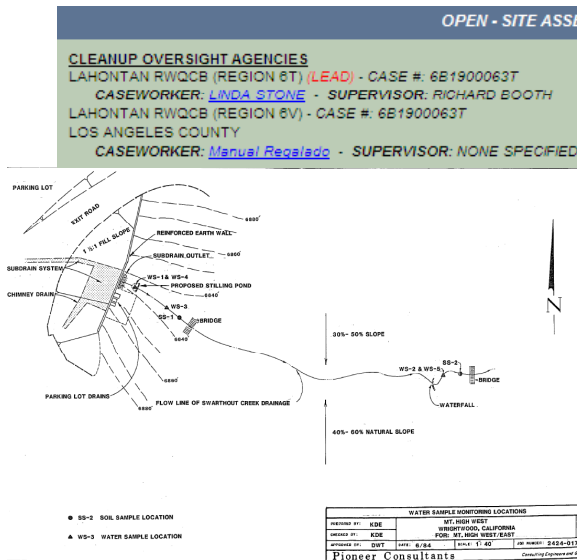
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	saa

## Review Conclusions T0603700351

- Active remediation has reached asymptotic levels and the consultant has proposed monitored natural attenuation and long term monitoring in the remedial action plan in 5/2008. In latest groundwater monitoring report, consultant indicated that they have not received a written response from the Regional Board.
- Closure review dated 8/2009 states that the site has not been adequately characterized, after 16 years of activity. The plume extends at low levels beyond the farthest down gradient well and the lateral extent of contamination not defined.
- *Discussion: Next step – how to move this case toward closure? Extent of contamination should be determined? Has remedial action plan been reviewed? Has extent been delineated? Case does not appear to be on track.*

# MOUNTAIN HIGH SKI AREA (T0603700234)

## 25234 & 24510 HIGHWAY 2, WRIGHTWOOD, CA 92397



**Case Age:** 28 years

**RP Identified by Regulator:**

MTN HIGH HOLIDAY INN CORP, MOUNTAIN HIGH SKI RESORTS

**Not Claimed in GeoTracker**

**Primary COC:** DIESEL

**Current Land Use:** Ski Resort

### Possible Reasons Why This Case Is So Old

- Associated with **MOUNTAIN HIGH SKI RESORT, EAST (T0603700225)** and/or **MOUNTAIN HIGH SKI RESORT, WEST (T0607199271)**.
- From 3/21/1994 correspondence from regulator, appears there was not UST removed from the site and original investigation initiated after leakage from stationary compressor was noticed. A second investigation due to complaints of oily film on coffee and tea – soil samples collected to 100ft and determined not to be from the UST.
- Work plan submitted 1997, but due to ownership changes, work was not complete.
- No current information, cannot make a determination.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700234

### Assessment last 5 years

- No recent documentation in file uploaded
- GeoTracker states four wells are sampled semi-annually

### Remediation last 5 years

- None documented

### Assessment older than 5 years

- Soil and groundwater investigations in 1/1987 and 1/1989
- Soil samples collected in 1994 to confirm no leakage from UST – leak detection program initiated
- Investigations at MH East in 1994, 1995, 1997

### Remediation older than 5 years

- USTs removed in 10/1993 and over-excavated

## IMPEDIMENTS TO CLOSURE T0603700234

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/9/2009

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - 9/09 enforcement order

#### GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - exceeds mcls

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - saa

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - saa

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Domestic Wells	Undetermined	saa

## Review Conclusions T0603700234

- Closure review dated 9/2009 states incomplete site conceptual model and references “9/09 enforcement order.” Also, states groundwater concentrations exceed cleanup goals.
- Not claimed and no submittals by PR, Regulator uploaded case file, but no recent documentation.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and enforce ESI compliance? Is this case associated with one of the other GeoTracker cases (East or West)? Site appears to be stuck.*

## YERMO TRUCK STOP (T0607100658)

38753 YERMO RD, YERMO , CA 92398



**Case Age:** 26 years

**RP Identified by Regulator:**

ALL AMERICAN EAGLE FOUNDATION INC (Primary RP),  
MAX LAIR (Tank Operator)

**Not Claimed in GeoTracker**

**Primary COC:** GASOLINE

**Current Land Use:** Vacant Lot

OPEN - INACTIVE

**CLEANUP OVERSIGHT AGENCIES**

LAHONTAN RWQCB (REGION 8T) (LEAD)

CASEWORKER: [BRIAN GREY](#) - SUPERVISOR: RICHARD BOOTH

LAHONTAN RWQCB (REGION 8V) - CASE #: 6B3600059T

SAN BERNARDINO COUNTY LOP - CASE #: 90265



**Possible Reasons Why This Case Is So Old**

- No submittals by RP, limited site history
- Nominated for Emergency, Abandoned, Recalcitrant (EAR) Account in 1994 and 2008
- Several work plans/scope of works on file, but no reports of findings after several investigations.
- Appears limited regulatory oversight and enforcement after 1997. Listed as Open-Inactive

NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0607100658

**Assessment last 5 years**

- GW samples collected 11/2006
- 2/2007 scope of work for soil/GW sampling

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- 4/1985 municipal water supply well sampled and taken out of service
- 9/1987 72-borings drilled – soil/soil vapor sampling conducted
- 3 MWs installed and sampled in 3/1988
- 8/1988 Preliminary Investigation Report
- 3/1994 Proposal for Focused Soil/GW Remedial Investigation
- 12/1994 RB received EAR funds obtained in 1994 for investigation and remediation – approved for \$1 million
- 7/1995 Proposal for GWM Well Installations
- Letter dated 2/1996: Invoices submitted without report/explanation of work performed – documents dated 1/1996 show GW data
- 12/1997 Proposal for soil/GW sampling

**Remediation older than 5 years**

- USTs not removed from site as indicated in an email dated 1/2007

# IMPEDIMENTS TO CLOSURE T0607100658

## as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/9/2009**

### **IMPEDIMENTS TO CLOSURE**

#### **SITE ASSESSMENT INCOMPLETE**

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *site investigation is necessary*

Extent of Contamination Has Not Been Determined - *investigation needed*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *investigation needed*

#### **PROCEDURAL IMPEDIMENTS**

Non-Responsive and / or Recalcitrant Responsible Party - *on EAR, however new property owner identified but recalcitrant*

#### **BENEFITS OF ADDITIONAL WORK**

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *investigation needed* Remove / Reduce Source Mass - *release identified* Protect Designated Beneficial Uses - *release identified*

#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

##### **SENSITIVE RECEPTOR TIME FRAME FOR IMPACT COMMENTS**

Groundwater Already Impacted confirmed release

## Review Conclusions T0607100658

- Not claimed and no submittals by PR, Regulator uploaded case file.
- Limited sampling done in 1995 under the EAR.
- Nominated again for Emergency, Abandoned, and Recalcitrant Account for FY 2008-2009 – nomination letter dated 3/2009 indicated that the “investigation and corrective actions outlined in the contract have not been implemented due to site access issues.”
- *Discussion: Next step – how to move this case toward closure? Need to perform proper well destruction? SWRCB has stated MW decommission documentation no longer required for a site to be granted case closure. Case appears to be stuck at present.*



## SOUTHDOWN BLACK MTN QUARRY (T0607100663) BELL MOUNTAIN, APPLE VALLEY , CA 92307



**Case Age:** 23 years

**RP Identified by Regulator:**

SOUTHDOWN(Primary RP), NORRIS OVERLY (Tank Operator)

**Not Claimed in GeoTracker**

**Primary COC:** DIESEL

**Current Land Use:** Quarry (Possibly Abandoned)

**Possible Reasons Why This Case Is So Old**

- No submittals from RP, limited site history from several documents uploaded by regulator – exact site location could not be verified and appears multiple contamination sites.
- Does not appear work has been conducted since 1996 soil excavation and removal from former “AST” site.
- Limited regulatory oversight and enforcement. Correspondence sent 8/1999 regarding quarry reclamation plan and AB 2886 letter sent 4/2002.
- Listed as Open-Inactive, Soils only case

**OPEN - INACTIVE**

**CLEANUP OVERSIGHT AGENCIES**

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B3600068T  
 CASEWORKER: TAMMY LUNDQUIST - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B3600068T  
 SAN BERNARDINO COUNTY LOP

NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0607100663

**Assessment last 5 years**

- None

**Remediation last 5 years**

- None

**Assessment older than 5 years**

- “Assessment of Soil/GW Contamination: UST Sites, Southwest Portland Cement Company, Victorville River Plant and Black Mountain Quarry” dated 12/1989 (only first page of document scanned)
- MWs installed in 1987 and in 1992, diesel detected at 2,000 µg/L

**Remediation older than 5 years**

- Document included, “Recommendations: UST Sites, Victorville River Plant and Black Mountain Quarry” – does not indicate site history, including UST removal status.
- Letter report for site characterization of stockpiled soil dated 12/1996 indicates that ASTs removed and soil excavated in 10/1993-12/1993 – no mention of USTs except in conclusions section: references use of LUFT manual.

# IMPEDIMENTS TO CLOSURE T0607100663

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/12/2009**

## IMPEDIMENTS TO CLOSURE

### SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *extent not defined*

### **BENEFITS OF ADDITIONAL WORK**

Fill-in RI Data Gaps - *more investigative work needed*

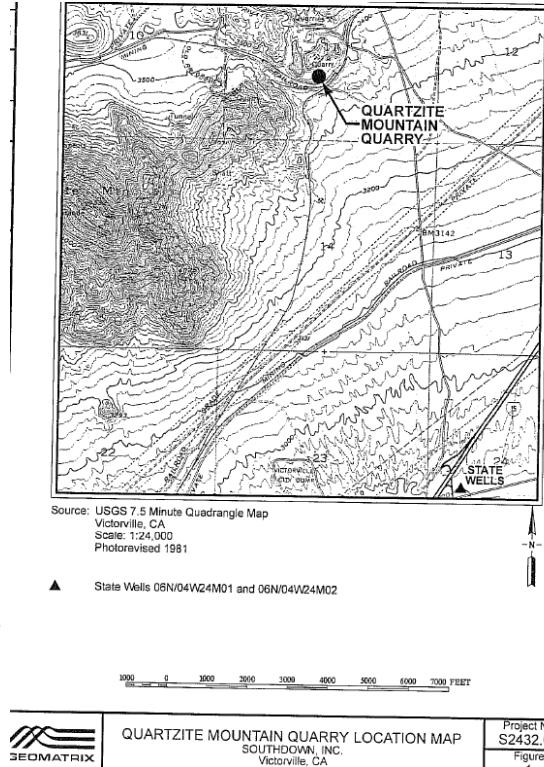
### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT
Groundwater	Undetermined

COMMENTS unknown

*Appears to be general location of site – Figure 3 of December 23, 1996 document titled, “Letter Report for Characterization of Petroleum Hydrocarbon-affected soil stockpile, Southdown, Inc.”*

*Background information in this document reference only AST locations, but also references using the LUFT manual – possible mistake in report alluding to USTs, not ASTs. All other documents refer to USTs in several locations.*

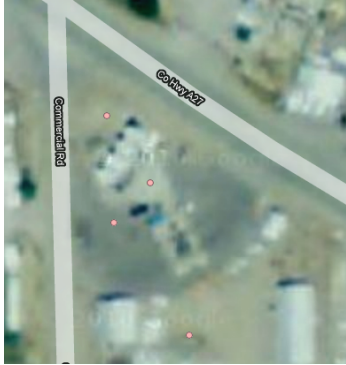


## Review Conclusions T0607100663

- Closure review dated 9/2009 indicates site assessment incomplete and more investigation work is needed.
- Not claimed and no submittals by PR, Regulator uploaded case file. Documents uploaded have limited site history and appears excavation from former AST area is confused with UST site or the file contains information about multiple contamination cases on the site – needs to be investigated.
- Appears there was contamination in multiple sites, River Plant and the quarry. In 1992, diesel detected up to 2,000 µg/L in groundwater and 160 mg/kg in soil, but location unknown. Additional monitoring requested in 2/1993 correspondence.
- 1997 agency document indicates the case was soil only, release reported on 11/27/1987, and agency “agrees with proposal to reuse contaminated soils as feed stock for rotary kiln tanks at terminal garage source of HC contamination 1,600 mg/kg TPH in soil. Case closure candidate.” Stockpile sampled in 1996 and appears no activities since.
- Case listed as Open-Inactive, Soil only case.
- *Discussion: Next step – how to move this case toward closure? Aggressively enforce ESI compliance, refer to the DA or EAR? Piece together site history with information in file? Identify sensitive receptors and assess risk? Appears to be stuck.*

## LEO S. JONES OIL CO. (T0603500008)

702-805 JOHNSTONVILLE RD BOX 1298, SUSANVILLE , CA 96130



**Case Age:** 22 years  
**RP Identified by Regulator:**  
 LEO JONES OIL COMPANY  
**Primary COC:** GASOLINE  
**Current Land Use:** Gas Station



**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 6T) (LEAD) - CASE #: 6T0046A  
 CASEWORKER: JAMES BRATHOVDE - SUPERVISOR: RICHARD BOOTH  
 LASSEN COUNTY  
 CASEWORKER: UNK - SUPERVISOR: NONE SPECIFIED

**Possible Reasons Why This Case Is So Old**

- GWMRs in GT as uploaded by RP refer to a Cleanup Program Site case, a spill as a result of overfilling tank.
- Correspondences uploaded by regulator indicate that no activities occurred after 2000, but there is groundwater data uploaded from 2006-2008 (no location data uploaded.)
- Closure denied several times due to contaminants above MCLs and not ready for low-risk closure.
- Case was reopened 2/26/2006 – was unable to identify reason, but may be a result of the possible associated Cleanup Program Cases.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603500008

**Assessment last 5 years**

- None

**Remediation last 5 years**

- None

**Assessment older than 5 years**

- Baseline Sampling Report 10/7/1988 referenced
- Soil Vapor Survey 2/13/1989 referenced
- 4/1989 GW MWs installed and additional MWs installed 12/1989. Last referenced GWMR was from 4/1994
- Regulator requested quarterly monitoring 4/1996 – regulator comments denied request for closure from GWMR dated 10/1996
- Correspondence from regulator denied closure request from GWMR dated 5/1997
- Several correspondences from regulator – last one dated 10/2000 was a comment on the 3<sup>rd</sup> Quarter GWM Report – indicated remedial action was not effective and requested additional work.
- GW was sampled semi-annually from 1997-2000 (no documentation of further sampling)

**Remediation older than 5 years**

- 8/1989 excavation and removal (in 1991) of approximately 1,100 cubic yards of soil in the “vicinity of bulk petroleum storage tanks” – no documentation/reference of UST removal
- ORC injections on 11/1999 did not appear to be effective in remediating concentrations.

## IMPEDIMENTS TO CLOSURE T0603500008

### as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009

#### IMPEDIMENTS TO CLOSURE

##### SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *not determined*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *1,800 ppb MTBE last monitoring report 2000*

Sensitive Receptor Survey Has Not Been Completed - *not completed*

##### GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *1,800 ppb MTBE*

#### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *no recent gw information*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	1,800 [ppb MTBE in year 2000

## Review Conclusions T0603500008

- Site is at 702-805 JOHNSTONVILLE RD BOX 1298. Includes similar address as Cleanup Program Site SL0603554229 (TOSCO BULK PLANT NO. 0769, 702-190 Johnstonville) and T6S018 (STAUB ENERGY BULK PLANT, 702-190 Johnstonville) – possibly related, especially since contractors are the same in each case.
- Correspondences indicate that oxygen releasing compound was injected in 11/1999 was unsuccessful at reducing concentrations, more aggressive remedial action requested in 10/2000.
- Regulator correspondences and Closure Review indicates no activities since 2000, but EDF data was uploaded for 2006 to 1Q 2008, which appear to be associated with the Cleanup Program Site. MW location data not in GeoTracker.
- *Discussion: Next step – how to move this case toward closure? Investigate possible duplication with cleanup program case? Establish timeline and enforce ESI compliance? Refer to the DA or EAR? Case appears to be stuck.*

## LASSEN-MODOC RANGER UNIT HDQTS (T0603500009) FOR HIGHWAY 36, SUSANVILLE , CA 96130



**Case Age:** 22 years

**RP Identified by Regulator:**

CALIFORNIA DEPARTMENT OF FORESTRY

**Not Claimed in GeoTracker**

**Primary COC:** GASOLINE

**Current Land Use:** Department of Forestry and Fire Protection Lassen-Modoc Headquarters

### Possible Reasons Why This Case Is So Old

- No submittals by RP, limited site history; improperly located in GeoTracker.
- No activities since 1988 soil and soil vapor sampling.
- Request for confirmation sampling submitted in 2004
- GW has not been sampled on site, previously estimated to be at 200 fbg.
- Gov't RP, possible funding issues?

OPEN - REMEDIATION

#### CLEANUP OVERSIGHT AGENCIES

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6T0048A

CASEWORKER: JAMES BRATHOVDE - SUPERVISOR: RICHARD BOOTH

LASSEN COUNTY

CASEWORKER: UNK - SUPERVISOR: NONE SPECIFIED



NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603500009

### Assessment last 5 years

- Notice to comply with ESI letter sent 4/2002
- Discussions regarding further assessment resumed in 2004
- Request for confirmation sampling from regulator dated 3/2004

### Remediation last 5 years

- None

### Assessment older than 5 years

- Soil samples collected in tank pit at time of removal – depth to regional water table was estimated at over 200-feet bgs
- Soil vapor survey conducted 11/1988 – presence of benzene and toluene

### Remediation older than 5 years

- USTs removed in 6/1988

## IMPEDIMENTS TO CLOSURE T0603500009

### as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009**

#### IMPEDIMENTS TO CLOSURE

##### SITE ASSESSMENT INCOMPLETE

Sensitive Receptor Survey Has Not Been Completed - *not complete*

##### INADEQUATE SOURCE CONTROL

Other - *Basalt Flow Tank Pit had passive biovent pipe installed*

#### BENEFITS OF ADDITIONAL WORK

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *no wells installed*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Undetermined	no wells installed

## Review Conclusions T0603500009

- No submittals from RP and limited site history in correspondences uploaded by regulator. No work since 1988 and confirmation sampling requested in 2004.
- Closure review dated 9/2009 indicates site assessment incomplete and inadequate source control.
- Case status is “remediation” and closure review indicates that “Basalt Flow Tank Pit had passive biovent pipe installed” – not described in documents on GeoTracker. Benefits of additional work include completing a conceptual site model.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and aggressively enforce ESI compliance? Refer to the DA or EAR? Piece together site history with information in file? Identify sensitive receptors and assess risk?*

## MT WHITNEY FISH HATCHERY (T0602700018)

### STAR RTE 1, INDEPENDENCE , CA 93526

**Case Age:** 22 years

**RP Identified by Regulator:**

CALIFORNIA DEPARTMENT OF FISH AND GAME (RP contact is Mt. Whitney Fish Hatchery)

**Not Claimed in GeoTracker**

**Primary COC:** GASOLINE

**Current Land Use:** FISH HATCHERY

**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1400107T

CASEWORKER: [LISA DERNBACH](#) - SUPERVISOR: CHUCK CURTIS

INYO COUNTY

CASEWORKER: [Mark Long](#) - SUPERVISOR: NONE SPECIFIED

LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1400107T



NOTE: Data queried from GeoTracker and reviewed in October 2010

**Possible Reasons Why This Case Is So Old**

- No submittals by RP or site history, site location could not be verified, documents on GT include the original URF.
- No regulatory oversight or enforcement, no action or investigation of 1989 release.
- Gov't RP, possible funding issues.

### Activities Conducted to Date Based on GeoTracker Info T0602700018

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- URF report date 01/30/1989 for removal of 1,000-gal. gasoline UST and another URF report date 06/02/1989 for replacement of 1,000-gal. gasoline UST (both have discharge stop dates of 6/2/1988)

## IMPEDIMENTS TO CLOSURE T0602700018

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *no investigation of 1989 unauthorized release.*

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *saa*

Extent of Contamination Has Not Been Determined - *saa*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *saa*

Sensitive Receptor Survey Has Not Been Completed - *saa*

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *saa*

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

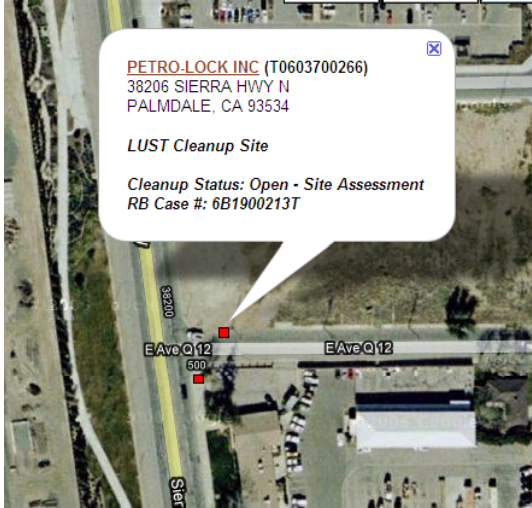
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	saa
Domestic Wells	Undetermined	saa
Groundwater	Undetermined	saa
Storm drain (Runoff of contaminated soil)	Undetermined	saa
Indoor Air (Residential or Commercial)	Undetermined	saa

## Review Conclusions T0602700018

- No submittals from RP and no site history.
- Closure review indicates that there was no action or investigation of 1989 release.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Possible gov't funding issue? Refer to the DA or EAR? Case appears to be stuck.*



**PETRO-LOCK INC (T0603700266)**  
**38206 SIERRA HWY N, PALMDALE , CA 93534**



**Case Age:** 20 years  
**RP Identified by Regulator:** PETRO-LOCK (Primary RP), DON STULL (Tank Operator)  
**Not Claimed in GeoTracker**  
**Primary COC:** GASOLINE  
**Current Land Use:** Appears to be a vacant lot

**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 6T) (LEAD) - CASE #: 6B1900213T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 6V) - CASE #: 6B1900213T  
 LOS ANGELES COUNTY  
 CASEWORKER: [Manual Regalado](#) - SUPERVISOR: NONE SPECIFIED



NOTE: Data queried from GeoTracker and reviewed in October 2010

**Possible Reasons Why This Case Is So Old**

- No submittals; limited site history from documents uploaded by regulator (mostly correspondences).
- Location of release could not be verified.
- RP questioned their responsibility, multiple enforcement letters sent from 1990 to 1995.

**Activities Conducted to Date Based on GeoTracker Info  
 T0603700266**

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- USTs removed 1988 (no release) and additional UST discovered/removed 1990

## IMPEDIMENTS TO CLOSURE T0603700266

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009**

### BENEFITS OF ADDITIONAL WORK

Other - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Undetermined	saa
Other	Undetermined	undetermined

## Review Conclusions T0603700266

- No submittals from RP and limited site history from documents uploaded by regulator (mostly inspection notes and correspondences).
- Closure review on regulator page states, “no reports. May be County lead. Call to confirm.”
- RP questioned their responsibility for the cleanup in 1990 and multiple enforcement letters were sent from 1990 to 1995.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Possible funding issue? Refer to the DA or EAR?*

# CALICO TRUCK STOP (T0607100749)

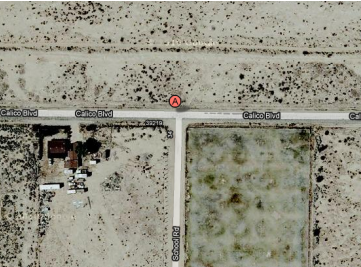
## 37587 CALICO BLVD, YERMO , CA 92398



**Case Age:** 20 years  
**RP Identified by Regulator:** SHERMAN NATHANSON & MILLER, CALICO TRUCK STOP  
**Not Claimed in GeoTracker**  
**Primary COC:** DIESEL  
**Current Land Use:** Unknown, appears to be vacant

*OPEN - INACTIVE*

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B3600350T  
 CASEWORKER: TAMMY LUNDQUIST - SUPERVISOR: RICHARD BOOTH  
 SAN BERNARDINO COUNTY LOP - CASE #: 90225  
 CASEWORKER: JACKSON CRUTSINGER - SUPERVISOR: MARILYN KRAFT



NOTE: Data queried from GeoTracker and reviewed in October 2010

**Possible Reasons Why This Case Is So Old**

- Recalcitrant RP, no submittals.
- Multiple enforcement letters sent (1995, 2000, 2006, several in 2009).
- San Bernardino County transferred lead to RB in 9/2009.

### Activities Conducted to Date Based on GeoTracker Info T0607100749

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- A 2/2006 correspondence indicates that a site investigation work plan was approved in 1/2002

**Remediation older than 5 years**

- None documented

## IMPEDIMENTS TO CLOSURE T0607100749

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/23/2009**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Site investigation yet to be conducted* Pollutant Sources Have Not Been Adequately Identified or Evaluated - *Site investigation yet to be conducted* Extent of Contamination Has Not Been Determined - *Site investigation yet to be conducted*

#### PROCEDURAL IMPEDIMENTS

Non-Responsive and / or Recalcitrant Responsible Party - *Enforcement letters and notices have not caused RP to to comply with corrective action requirements*

**BENEFITS OF ADDITIONAL WORK** Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *Very little is known about this site to date*

#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

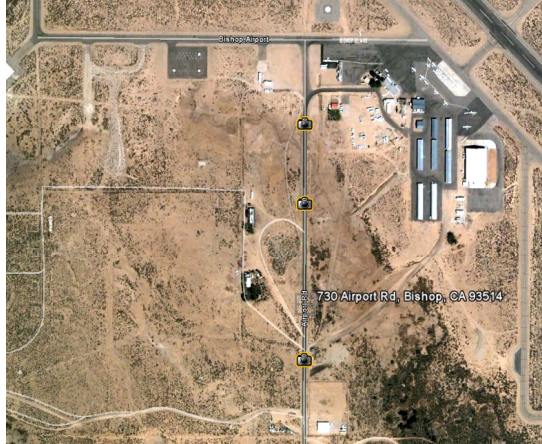
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	Very little is known about this site to date
Domestic Wells	Undetermined	Very little is known about this site to date
Groundwater	Undetermined	Very little is known about this site to date
Surface Water (Bay, Estuary, Stream, Lake)	Undetermined	Very little is known about this site to date
Storm drain (Runoff of contaminated soil)	Undetermined	Very little is known about this site to date
Indoor Air (Residential or Commercial)	Undetermined	Very little is known about this site to date
Irrigation / Industrial Well	Undetermined	Very little is known about this site to date
Other	Undetermined	Very little is known about this site to date

## Review Conclusions T0607100749

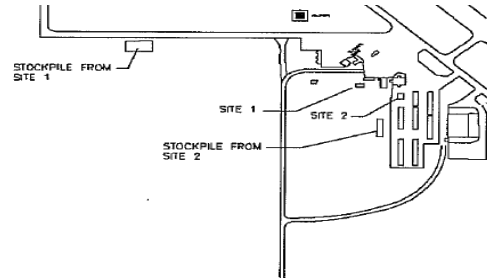
- No submittals and no site history, appears documents for a different site (32381 HWY 18, Arrowbear, CA) were uploaded by the regulator – recommend to search for and upload correct case file documents (if available).
- San Bernardino County LOP transferred lead to RB in 9/2009.
- Closure review indicates that site investigation yet to be conducted, recalcitrant RP, and very little is known about this site to date.
- *Discussion: Next step – how to move this case toward closure? Search for case file and review? Correspond with the County LOP to locate case file? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA or EAR? Case appears to be stuck.*

**BISHOP AIRPORT (T0602700047)**

LINE ST E, BISHOP , CA 93514



**Case Age:** 18 years  
**RP Identified by Regulator:** Inyo County  
**Not Claimed in GeoTracker**  
**Primary COC:** Aviation Fuel  
**Current Land Use:** No change, airport

**Possible Reasons Why This Case Is So Old**

- No submittals by RP, but file uploaded by regulator.
- Regulator requested a Comprehensive Site Contamination Status Report in 1997: Site 1 was LUST (Jet-A) case in 1991-1992 and Site 2 was contaminated surface soil from improper disposal of waste oil by aircraft repair around an old hangar.
- Appears no confirmation sampling from LUST case.

NOTE: Data queried from GeoTracker and reviewed in October 2010

**Activities Conducted to Date Based on GeoTracker Info****T0602700047****Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- At Site 1, one soil sample collected when a clay layer was encountered at 25-ft bgs (8,300 ppb Jet-A), then excavation continued to 30-ft and 60-ft across (no GW encountered) – no confirmation sampling.
- At Site 2, soil samples collected after excavation around the building and stockpile sampled.

**Remediation older than 5 years**

- At Site 1, UST removed and over-excavation in 1991-1992
- Site 2 was soil contamination (O&G and lead) found during 1993 construction around the base of an old hangar building (airplane repair) – excavated and stockpiled

## IMPEDIMENTS TO CLOSURE T0602700047

### as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/9/2009**

#### IMPEDIMENTS TO CLOSURE

##### INADEQUATE SOURCE CONTROL

Remaining Source Poses Threat to Groundwater - *contamination identified previously, however no information submitted to indicate what actions were taken to address contamination*

##### PROCEDURAL IMPEDIMENTS

Other - *need to submit information confirming past actions at site*

#### BENEFITS OF ADDITIONAL WORK

Verify Remedial Action Effectiveness - *contamination identified, however unclear what actions, if any, were taken to address contamination*

Remove / Reduce Source Mass - *contamination identified, however unclear what actions, if any, were taken to address contamination*

Protect Designated Beneficial Uses - *contamination identified, however unclear what actions, if any, were taken to address contamination*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Undetermined	undetermined

## Review Conclusions T0602700047

- No submittals and limited site history, scan of file uploaded to GeoTracker by regulator included several documents and correspondences.
- Report in file dated 9/1997 discuss two impacted areas: one from LUST release and the other from a spill. The LUST release was found during tank removal and soil was excavated to 30 ft, but no confirmation sampling or oversight/enforcement from regulator indicated.
- Closure review indicates “contamination identified previously, however, no information submitted to indicate what actions were taken to address contamination.”
- *Discussion: Next step – how to move this case toward closure? Possible gov’t funding issue? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA or EAR? Site location is incorrect in GeoTracker map.*

# JC FENNEL & SONS (T0602900888)

## 27401 20 MULE TEAM RD, BORON , CA 93516



**Case Age:** 18 years  
**RP Identified by Regulator:**  
 GUILLERMO SEVILLANO (Current Owner), J.C. FENNEL (Former Operator)  
**Not Claimed in GeoTracker**  
**Primary COC:** GASOLINE  
**Current Land Use:** Vacant service station

**Possible Reasons Why This Case Is So Old**

- Original RP wrote a letter in 1992 after tank removal indicating that he was disabled, elderly, and did not have funds for fees/work.
- Numerous enforcement letters sent, but no work has been conducted to assess the contamination detected after UST removal.
- Regulator directed the RP to CUF, but appears the RP has not applied for funding.
- The case was referred to the Regional Board in 2006, after 14 years without compliance from the RP.
- Regional Board lacked resources to oversee case, but now has ability to regulate the case and enforcement letter was sent 2/2010



OPEN - SITE ASSESSMENT

**CLEANUP OVERSIGHT AGENCIES**

LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1500443T  
 CASEWORKER: TAMMY LUNDQUIST - SUPERVISOR: RICHARD BOOTH  
 KERN COUNTY LOP - CASE #: 560007  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1500443T

NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0602900888

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- Soil sampling during UST removal in 1992

**Remediation older than 5 years**

- USTs removed in 1992

## IMPEDIMENTS TO CLOSURE T0602900888

### as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 7/28/2009**

#### IMPEDIMENTS TO CLOSURE

##### SITE ASSESSMENT INCOMPLETE

Other - *no site work started yet*

##### PROCEDURAL IMPEDIMENTS

Non-Responsive and / or Recalcitrant Responsible Party - *need to send enforcement letter to begin site investigation*

#### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *need preliminary site investigation*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	no srs
Domestic Wells	Undetermined	no srs
Groundwater	Undetermined	no srs
Surface Water (Bay, Estuary, Stream, Lake)	Undetermined	no srs
Storm drain (Runoff of contaminated soil)	Undetermined	no srs
Indoor Air (Residential or Commercial)	Undetermined	no srs
Irrigation / Industrial Well	Undetermined	no srs

## Review Conclusions T0602900888

- USTs removed in 1992 and elevated concentrations in soil detected, up to 5,000 mg/kg TPHg, 36 mg/kg benzene, . 350 mg/kg toluene, 120 mg/kg ethylbenzene, 760 mg/kg total zylenes. MTBE and other gasoline oxygenates not tested.
- Numerous enforcement letters sent, but recalcitrant RP and case referred to Regional Board in 2006.
- Enforcement letter sent 2/17/2010 and work plan was due 3/30/2010, but no response or additional enforcement in GeoTracker yet. The letter explained that this case has not received Water Board attention because they lacked sufficient resources to oversee all cases in their jurisdiction and other cases had higher priority.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and enforce ESI compliance? Identify sensitive receptors and assess risk? Recommend the CUF again if they qualify? Refer to the DA or EAR? Case appears to be stuck.*



## JANA STORE FIXTURES (T0603700330)

123 AVE J-5 W, LANCASTER , CA 93535



**Case Age:** 17 years

**RP Identified by Regulator:** HARTWIG REALTY (Primary RP), LOS ANGELES COUNTY (RP Contact)

**Not Claimed in GeoTracker**

**Primary COC:** GASOLINE

**Current Land Use:** Appears to be light industrial

### Possible Reasons Why This Case Is So Old

- UST removed in 1992, TPH and BTEX detected in soil. Borings advanced in 1993 and additional source removal was recommended. No follow up investigations have been conducted since.
- Site has been sold twice since USTs removed and appears at least four different regional board caseworkers worked on the site.
- Since 1997, the regulators have repeatedly asked for a fate and transport study and for assessment of MtBE at the site, but neither have been conducted and closure denied for these reasons.
- Limited enforcement, last enforcement letter sent 2003.



**OPEN - VERIFICATION MONITORING**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900460T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900460T  
 LOS ANGELES COUNTY  
 CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700330

<p style="text-align: center;"><b><u>Assessment last 5 years</u></b></p> <ul style="list-style-type: none"> <li>• None documented</li> </ul>	<p style="text-align: center;"><b><u>Remediation last 5 years</u></b></p> <ul style="list-style-type: none"> <li>• None documented</li> </ul>
<p style="text-align: center;"><b><u>Assessment older than 5 years</u></b></p> <ul style="list-style-type: none"> <li>• Soil borings advanced in 1992 and 1993</li> </ul>	<p style="text-align: center;"><b><u>Remediation older than 5 years</u></b></p> <ul style="list-style-type: none"> <li>• UST removed and soil over excavation in 1992</li> <li>• GT includes 2002 UST removal at the site, but no documentation for this</li> </ul>

## IMPEDIMENTS TO CLOSURE T0603700330 as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *No GW data, extent soil contamination not defined.*

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *saa*

Extent of Contamination Has Not Been Determined - *saa*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *saa*

#### **BENEFITS OF ADDITIONAL WORK**

Fill-in RI Data Gaps - *saa*

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *saa*

#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

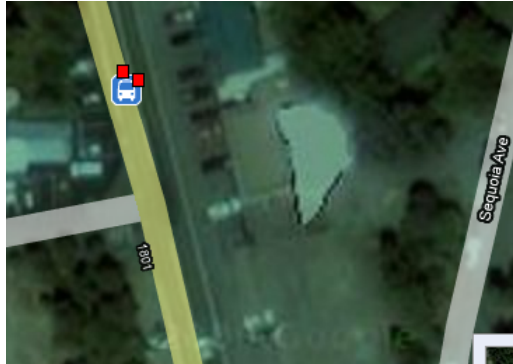
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Undetermined	saa
Storm drain (Runoff of contaminated soil)	Undetermined	saa
Indoor Air (Residential or Commercial)	Undetermined	saa

## Review Conclusions T0603700330

- Closure review dated 8/2009 indicates that there is no groundwater data and the extent of soil contamination is not defined. Elevated concentrations detected, up to 5,100 mg/kg total recoverable hydrocarbons and 360 mg/kg TPH as gasoline detected in soil in 1993.
- Numerous enforcement letters sent requesting a fate and transport study and an evaluation of MtBE at the site, but RP has not complied and closure has been repeatedly denied on that basis. Last sent 2003.
- In 2002, in response to a request for additional information, the RPs attorney sent letter stating they had four different caseworkers between 1998 and 2002; then stated that all the caseworkers had promised closure before the case was transferred again. There is no documentation of this and all correspondence from that time was from the regulator requesting a fate and transport study.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA or EAR? Case appears to be stuck.*

# SUNNYSIDE MARKET (T0606100380)

1780 WEST LAKE BOULEVARD, TAHOE CITY, CA 96145



**Case Age:** 17 years  
**RP Identified by Regulator:** WILLIAM FLAHERTY  
**Not Claimed in GeoTracker**  
**Primary COC:** GASOLINE  
**Current Land Use:** Appears commercial

**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6T0308A  
 CASEWORKER: [BRIAN GREY](#) - SUPERVISOR: RICHARD BOOTH  
 PLACER COUNTY  
 CASEWORKER: [JOHN REID](#) - SUPERVISOR: NONE SPECIFIED



NOTE: Data queried from GeoTracker and reviewed in October 2010

**Possible Reasons Why This Case Is So Old**

- Appears limited enforcement by regulators and case transferred to this agency in 3/2001.
- No enforcement from regulator since 2007.
- Down gradient wells on adjacent property show increasing benzene concentrations and suggest that due to rising groundwater elevations, remaining source in soil is likely.
- Remaining source is suspected to be the waste oil tank, which was supposed to be removed in 1991 with larger UST, but not completed.

## Activities Conducted to Date Based on GeoTracker Info T0606100380

**Assessment last 5 years**

- None

**Remediation last 5 years**

- None

**Assessment older than 5 years**

- Soil contamination noted at bottom of excavation pit in 1991
- Soil samples collected in 6/1993

**Remediation older than 5 years**

- Agency sent cleanup and abatement order in 1980 after Regional Board staff inspection
- 1,000 gal UST removed in 10/1991, waste oil UST scoped for removal at same, but not removed

## IMPEDIMENTS TO CLOSURE T0606100380

### as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/12/2009**

#### IMPEDIMENTS TO CLOSURE

##### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *investigation necessary*

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *investigation necessary*

Extent of Contamination Has Not Been Determined - *investigation necessary*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *investigation necessary*

##### GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *TPH BTEX in down gradient monitoring wells*

#### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *investigation necessary* Complete CSM and Our Understanding of Hydrogeologic

Regime and Fate and Transport of Contaminants - *investigation necessary* Protect Designated Beneficial Uses - *designated MUN*

#### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	TPH BTEX

## Review Conclusions T0606100380

- Appears limited regulatory oversight and enforcement. UST removed in 1991, soil sampling not conducted until 1993. Regulator met RP to discuss results and required groundwater investigation, was not implemented.
- Request for work plan sent 1/2007, which indicated that soil contamination remained on site, a soil and groundwater investigation was never implemented and an existing UST remains in place.
- The work plan request indicated that elevated benzene concentrations detected in down-gradient well at neighboring Lake Tahoe Park Association appear to be related to increasing groundwater elevations and suggests that additional residual petroleum contamination exist in soil and is being mobilized by the higher groundwater. No response from RP.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and enforce ESI compliance? Refer to the DA or EAR? Case appears to be stuck.*

# JAMES SOUTAR PROPERTY (T0607100853)

1230 MAIN ST W, BARSTOW, CA 92311



**Case Age:** 16 years

**RP Identified by Regulator:** JAMES SOUTAR  
(Primary RP), Mazen and Saylvia Museitef  
(Current property owners)

**Not Claimed in GeoTracker**

**Primary COC:** WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING

**Current Land Use:** Automotive Collision Repair

**Possible Reasons Why This Case Is So Old**

- Site status inactive since 8/1994.
- No activities or site assessment conducted.
- Recalcitrant RP and new owners have not complied with directives.
- Case transferred to this agency in 9/2009 and appears no enforcement from the RB in GeoTracker yet.

*OPEN - INACTIVE*

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 6T) (LEAD) - CASE #: 6B3600658T  
 CASEWORKER: [TAMMY LUNDQUIST](#) - SUPERVISOR: RICHARD BOOTH  
 SAN BERNARDINO COUNTY LOP - CASE #: 94051  
 CASEWORKER: [JACKSON CRUTSINGER](#) - SUPERVISOR: MARILYN KRAFT



NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info

T0607100853

**Assessment last 5 years**

- None

**Remediation last 5 years**

- None

**Assessment older than 5 years**

- None

**Remediation older than 5 years**

- None

## IMPEDIMENTS TO CLOSURE T0607100853

as reported by regulatory agency

**CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 3/10/2010**

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *A site investigation has not been conducted at this site*

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *A site investigation has not been conducted at this site*

Extent of Contamination Has Not Been Determined - *A site investigation has not been conducted at this site*

#### PROCEDURAL IMPEDIMENTS

Non-Responsive and / or Recalcitrant Responsible Party - *Enforcement letters and notices have not caused RP to become compliant with corrective action requirements*

#### **BENEFITS OF ADDITIONAL WORK**

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *A site investigation has not been conducted at this site*

#### **SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT**

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	Little is known about contaminant characteristics at this site
Domestic Wells	Undetermined	A site investigation has not been conducted at this site
Groundwater (Bay, Estuary, Stream, Lake)	Undetermined	A site investigation has not been conducted at this site Surface Water
(Runoff of contaminated soil)	Undetermined	A site investigation has not been conducted at this site Storm drain

## Review Conclusions T0607100853

- There has been evidence of waste oil contamination including elevated concentrations of lead and original property owner was required to conduct a site investigation in 1994.
- Recalcitrant RP and limited (or no aggressive enforcement) by San Bernardino County LOP. Enforcement letters sent in 1994, 1996, and 1998.
- New property owners acquired property in 8/2005 and regulatory agency sent enforcement letter to them in 12/2008. Notice of lien for non-compliance dated 3/2009.
- Case referred to the Regional Board in 9/2009 and no activities or enforcement since.
- *Discussion: Next step – how to move this case toward closure? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA, EAR, or Orphan fund if qualifies? Site appears to be stuck.*

# WRIGHTWOOD MAINTENANCE STATION (T0603700353)

26249 BIG PINES HWY E, WRIGHTWOOD , CA 92397



**Case Age:** 20 years

**RP Identified by Regulator:** OFFICE OF STATE ARCHITECT, CALTRANSDISTRICT 8

**Not Claimed in GeoTracker**

**Primary COC:** WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING

**Current Land Use:** Appears not changed

**OPEN - INACTIVE**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900671T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900671T  
 LOS ANGELES COUNTY  
 CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED

**Possible Reasons Why This Case Is So Old**

- Note in GT indicates that case is managed under another LUST case due to releases in two separate areas, **CALTRANS MAINTENANCE STATION (T0603700299)**.
- No submittals by RP or site history for either case, site location could not be verified and documents on GT include URF and correspondences.
- Gov't RP, potential funding issues?



NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700353

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- UST removed: URF report date 03/1990

## IMPEDIMENTS TO CLOSURE T0603700353

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/21/2009

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - County referred to RB6 1996. No additional work.

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - saa

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - saa

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	saa
Domestic Wells	Undetermined	saa
Groundwater	Undetermined	saa
Surface Water		
(Bay, Estuary, Stream, Lake)	Undetermined	saa
Storm drain (Runoff of contaminated soil)	Undetermined	saa
Indoor Air (Residential or Commercial)	Undetermined	saa
Irrigation / Industrial Well	Undetermined	saa

### NOTES / COMMENTS

This is the same as Caltrans Maintenance Station 6B1900310

## Review Conclusions T0603700353

- No submittals and no site history, documents uploaded to GeoTracker by regulator include several enforcement letters sent before 1993.
- Closure review indicates that the County referred the case to the RB in 1996 and no additional work was completed.
- *Discussion: Next step – how to move this case toward closure? Correspond with L.A. Co. as indicated? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Possible gov't funding issue? Refer to the DA or EAR? Not enough data to ascertain status of case.*



# SIERRA HWY & AVE S (T0603700245)

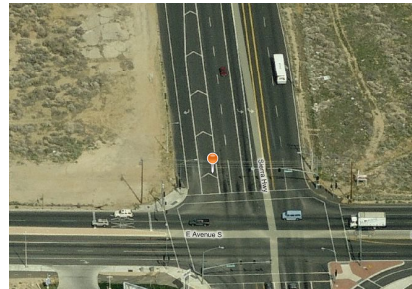
## 37205 SIERRA HWY, PALMDALE , CA 93550



**Case Age:** 20 years  
**RP Identified by Regulator:** SUNCOR HOLDINGS CORP II LLC  
**Not Claimed in GeoTracker**  
**Primary COC:** WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING  
**Current Land Use:** Appears to be a vacant

**OPEN - VERIFICATION MONITORING**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900156T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900156T  
 LOS ANGELES COUNTY  
 CASEWORKER: [Manuel Requijo](#) - SUPERVISOR: NONE SPECIFIED



NOTE: Data queried from GeoTracker and reviewed in October 2010

**Possible Reasons Why This Case Is So Old**

- No submittals from RP and no documents uploaded to GT.
- No site history and location of site could not be verified.
- Regulator indicated there are no reports and they need to contact L.A. County regarding status of the site.

### Activities Conducted to Date Based on GeoTracker Info T0603700245

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- None documented

## IMPEDIMENTS TO CLOSURE T0603700245

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *No reports. Need to contact LA Co. regarding status of site.*

### BENEFITS OF ADDITIONAL WORK

Other - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

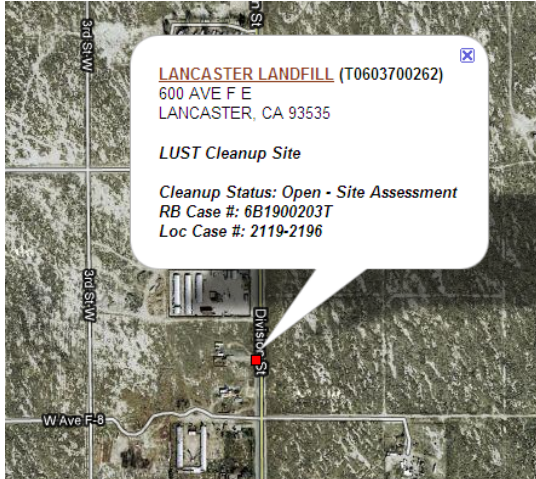
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Other	Undetermined	saa

## Review Conclusions T0603700245

- No submittals or documents uploaded to GeoTracker and limited site history.
- Activities report indicates that there was a site inspection in 7/2002, requests for closure update in 7/2002 and 1/2003.
- Closure review indicates that no reports are available and “need to contact L.A. Co. regarding status of the site.”
- *Discussion: Next step – how to move this case toward closure? Correspond with L.A. Co. as indicated? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Possible funding issue? Refer to the DA or EAR? Not enough information to assess overall status of case.*

# LANCASTER LANDFILL (T0603700262)

600 AVE F E, LANCASTER , CA 93535



**Case Age:** 20 years

**RP Identified by Regulator:** WASTE MANAGEMENT OF CALIFORNIA

**Not Claimed in GeoTracker**

**Primary COC:** DIESEL

**Current Land Use:** Unknown, appears not changed

**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900203T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 6V) - CASE #: 6B1900203T  
 LOS ANGELES COUNTY - CASE #: 2119-2196  
 CASEWORKER: [ABIGAIL FLORES](#) - SUPERVISOR: NONE SPECIFIED



**Possible Reasons Why This Case Is So Old**

- No submittals/documents and no site history.
- Limited regulatory oversight or enforcement. Activities Report includes request for WP in 11/2008.
- Case may have been inherited from Region 6V.
- Site was closed in GT in 3/1997 and reopened 11/2003 – reasons unknown.

NOTE: Data queried from GeoTracker and reviewed in October 2010

## Activities Conducted to Date Based on GeoTracker Info T0603700262

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- None documented

## IMPEDIMENTS TO CLOSURE T0603700262

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009

### IMPEDIMENTS TO CLOSURE

#### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Soil and GW contamination confirmed but not delineated.*

Pollutant Sources Have Not Been Adequately Identified or Evaluated - *saa*

Extent of Contamination Has Not Been Determined - *saa*

Potential Risks, Threats, And Other Environmental Concerns Have Not Been Adequately Identified And Assessed - *saa*

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - *saa*

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *saa*

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	saa
Indoor Air (Residential or Commercial)	Undetermined	saa

## Review Conclusions T0603700262

- No submittals or documents uploaded to GeoTracker.
- Site was closed in GeoTracker in 3/1997 and reopened in 11/2003.
- Closure review indicates that soil and groundwater contamination was confirmed but not delineated.
- *Discussion: Next step – how to move this case toward closure? Case possibly inherited from Region 6V, inquire about case file? Past funding issues? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA or EAR? Unable to ascertain overall status of case, insufficient information.*

# CALTRANS MAINTENANCE STATION (T0603700299)

## 26249 BIG PINE HWY E, WRIGHTWOOD , CA 92397



**Case Age:** 19 years  
**RP Identified by Regulator:** CA DEPT OF TRANSPORTATION, CALIF. DEPT. OF GENERAL SERVICES  
**Not Claimed in GeoTracker**  
**Primary COC:** GASOLINE  
**Current Land Use:** Not verified, appears not changed

**OPEN - SITE ASSESSMENT**

**CLEANUP OVERSIGHT AGENCIES**  
 LAHONTAN RWQCB (REGION 8T) (LEAD) - CASE #: 6B1900310T  
 CASEWORKER: [LINDA STONE](#) - SUPERVISOR: RICHARD BOOTH  
 LAHONTAN RWQCB (REGION 8V) - CASE #: 6B1900310T  
 LOS ANGELES COUNTY - CASE #: 12425  
 CASEWORKER: [Manuel Regalado](#) - SUPERVISOR: NONE SPECIFIED



**Possible Reasons Why This Case Is So Old**

- Note in GT indicates that **WRIGHTWOOD MAINTENANCE STATION (T0603700353)** is managed under another case due to releases in two separate areas.
- No submittals by RP or site history for either case; site location could not be verified and documents on GT include URF and correspondences.
- The County LOP referred case to the RB in 1996, appears no regulatory oversight or enforcement has occurred since.

NOTE: Data queried from GeoTracker and reviewed in October 2010

### Activities Conducted to Date Based on GeoTracker Info T0603700299

**Assessment last 5 years**

- None documented

**Remediation last 5 years**

- None documented

**Assessment older than 5 years**

- None documented

**Remediation older than 5 years**

- UST removed: URF report date 03/1990 from other case file in GT

## IMPEDIMENTS TO CLOSURE T0603700299

as reported by regulatory agency

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/5/2009

IMPEDIMENTS TO CLOSURE

### SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - County referred to RB6 1996. No additional work.

### BENEFITS OF ADDITIONAL WORK

Fill-in RI Data Gaps - saa

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - saa

### SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Undetermined	saa
Domestic Wells	Undetermined	saa
Groundwater	Undetermined	saa
Surface Water (Bay, Estuary, Stream, Lake)	Undetermined	saa
Storm drain (Runoff of contaminated soil)	Undetermined	saa
Indoor Air (Residential or Commercial)	Undetermined	saa
Irrigation / Industrial Well	Undetermined	saa

## Review Conclusions T0603700299

- No submittals and no site history. Documents uploaded to GeoTracker by regulator include several enforcement letters from before 1993.
- Closure review indicates that the County LOP referred the case to the RB in 1996 and no additional work has been completed.
- *Discussion: Next step – how to move this case toward closure? Possible gov't funding issue? Establish timeline and aggressively enforce ESI compliance? Identify sensitive receptors and assess risk? Refer to the DA or EAR? Insufficient information to assess case status.*