

Final
July 18, 2011

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

**Colorado River Basin Water Quality Control
Board**

**Prepared as in-kind task as part of Cooperative Agreement LS-96934701-1
between U.S. EPA 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 June 18, 2010, with a request for a follow-up meeting and input from Colorado River Basin RWQCB into the “Next Steps for Agency” column of the case cleanup status spreadsheet.

Colorado River Basin RWQCB met with USEPA Region 9 and Sullivan International Group, Inc. in a conference call on April 14, 2011 to discuss the draft report and their next steps for each case. The agency acknowledged several challenges with these cases. A few of the challenges mentioned by Colorado River Basin RWQCB include comingled plumes and uncooperative responsible parties (RPs) and RPs who lack financing to complete site assessment and remediation.

During the meeting Colorado River Basin RWQCB mentioned that they currently have 3 cases that are utilizing the Emergency Abandoned and Recalcitrant (EAR) Account program or will apply to the EAR account for funding. In an attempt to expedite the cleanup of some cases, the Colorado River Basin RWQCB has been partnering with local municipalities who have been applying to the EAR account and acting as the responsible party on cases where the actual RP cannot be located, or has failed to pay taxes resulting in the county seizing the property.

RWQCB staff also discussed a property with a recalcitrant RP who claims to not have the financial resources to proceed with assessment and remediation. They are proceeding towards enforcement, but fear that any actual enforcement action will cause the RP to become less cooperative. Environmental liens were discussed as a possible alternative, but the Water Board staff feel that this would be counterproductive, and result in the RP becoming even less responsive to their directives.

Colorado River Basin RWQCB

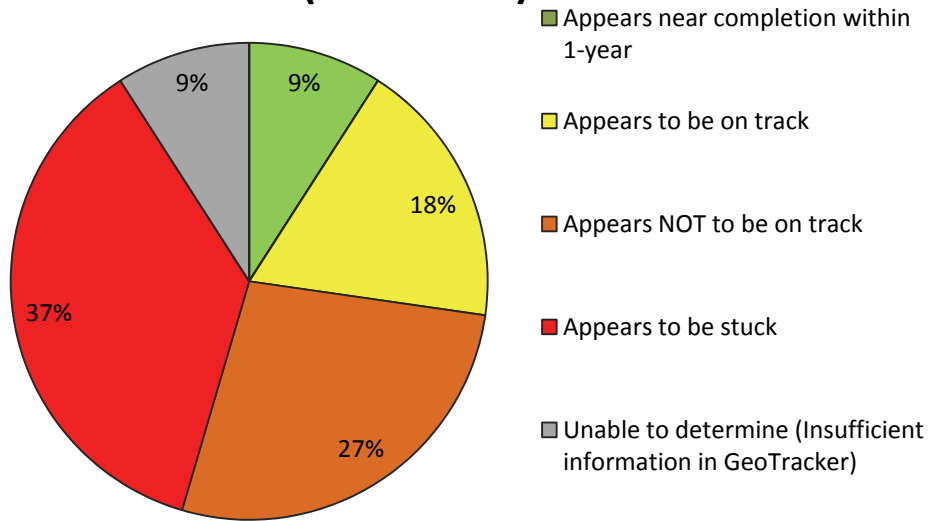
Apparent Case Status: Initial and After

TOTAL NUMBER OF CASES REVIEWED = 11
 NUMBER OF ACTIVE LUST CASES ON NOVEMBER 1, 2010 = 148 CASES
 DRAFT REVIEW REPORT PREPARED AND SENT TO AGENCY ON June 18, 2010
 MEETING WITH AGENCY ON April 14, 2011

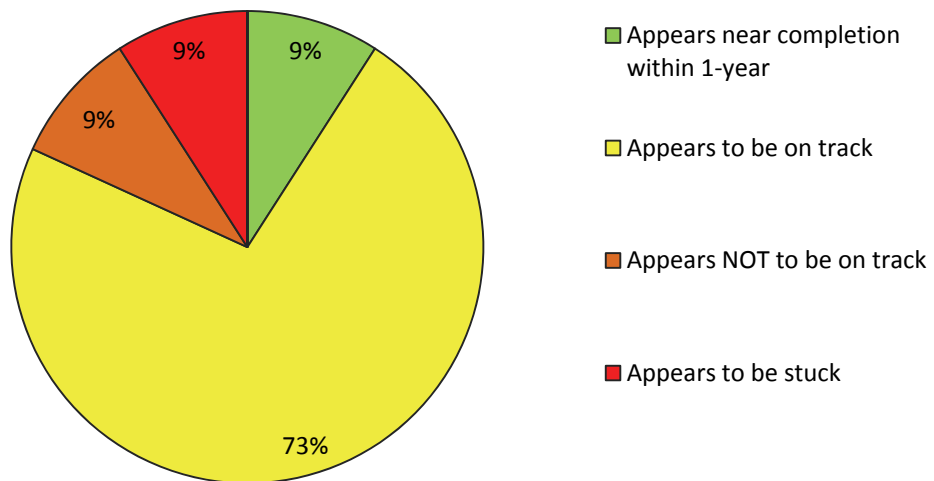
APPARENT STATUS OF CASES REVIEWED – INITIAL REVIEW AND AFTER MEETING TO DISCUSS CASES

Apparent Case Status	Initial Assessment Number of Cases (6-18-2010)	Post Meeting Assessment Number of Cases (04-14-2011)
CASE CLOSED	0	0
Appears close to completion	1	0
Appears near completion within 1-year	0	1
Appears to be on track	2	8
Appears NOT to be on track	3	1
Appears to be stuck	4	1
Unable to determine (Insufficient information in GeoTracker)	1	0
NOT FEDERAL UST CASE	0	0
OTHERS - Not Non-CUF, Older than 15-years Case	0	0

Initial Assessment Percentage of Cases (6-18-2010)



Post Meeting Assessment Percentage of Cases (04-14-2011)



CASE REVIEW SUMMARY TABLE
(REGION 7 - COLORADO RIVER BASIN RWQCB)

ESTIMATED STATUS IN THE CLEANUP PIPELINE?	CHANGE IN STATUS IN THE CLEANUP PIPELINE (BASED ON MEETING/CALL WITH AGENCY) ON 04/14/2011	SITE NAME (CASE LEAD AGENCY: COLORADO RIVER BASIN RWQCB - REGION 7)	GLOBAL ID	CASE WORKER	APPARENT TYPE OF RP	RELEASE DATE	DISCUSSION NOTES FROM MEETING/CALL (04-14-2011)	NEXT STEPS FOR AGENCY
Appears close to completion	Appears near completion within 1-year	COMBS GATES TANK FARM	T0606501017	DVI	I - Industry (Railroad, Steel etc)	11/10/1986	Assessment and remediation have been delayed by new buildings being erected on the site. And further delayed due to the complex ownership arrangement and former status as a DoD facility Low risk closure is possible and expected within one year.	Complete closure process in 1-year (includes well decommission)
Appears to be on track	Appears to be on track	FIRST INTERSTATE BANK	T0606500739	PL	Z - Major Oil Company	8/18/1987	This case was discussed in it's relation to a commingled plume case in Blythe, it is part of "commingled Plume No. 6." Moving forward, site consultants will upload relevant documents to all plume group GeoTracker cases.	Continue current remediation until low-risk criteria is met
Appears to be on track	Appears to be on track	DELEON'S SERVICE	T0606500953	REJ	G - Government Entity (include School, Hospital, Utility)	1/29/1991	Site closure has been delayed do to the presence of an offsite component to the contaminant plume. Additional funds have been requested to evaluate and, if needed, remediate the offsite portion of the plume It is estimated that evaluation and remediation could take up to 18 months, followed by 12 months of verification monitoring and up to 6 months for preparing and approving any closure request and decommissioning any wells or remediation system. given this approximate timeline, the site could be ready for closure in approximately 3 years. The case will remain classified as "On Track".	Push for new/additional remedial investigation (RI)/risk assessment
Appears NOT to be on track	Appears to be on track	TEXACO STATION QUICK CHECK	T0606500759	PL	Z - Major Oil Company	1/19/1990	This case was discussed in it's relation to a commingled plume case in Blythe, it is part of "commingled Plume No. 6." Moving forward, site consultants will upload relevant documents to all plume group GeoTracker cases.	Continue current remediation until low-risk criteria is met
Appears NOT to be on track	Appears NOT to be on track	QUAIL OIL	T0606500954	REJ	S - Small Private Business	4/27/1993	The responsible party (RP) for this site is described as recalcitrant, and the case is moving towards enforcement. However, the RP is claiming financial hardship and states that they do not have the money for additional site work. If this is the case, enforcement will have limited to no effect, and may make the RP even less cooperative. An environmental lien was briefly discussed, but is considered undesirable and will not be pursued. This case will remain classified as "Not on Track".	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears NOT to be on track	Appears to be on track	MOBIL #18 H57	T0606500795	PL	O - Other (Individual, Homes etc)	11/30/1993	This case was discussed in it's relation to a commingled plume case in Blythe, it is part of "commingled Plume No. 9." Moving forward, site consultants will upload relevant documents to all plume group GeoTracker cases.	Continue current remediation until low-risk criteria is met
Appears to be stuck	Appears to be on track	BANK OF AMERICA (VACANT LOT)	T0606500750	PL	O - Other (Individual, Homes etc)	10/23/1988	This case was discussed in it's relation to a commingled plume case in Blythe, it is part of "commingled Plume No. 6." Moving forward, site consultants will upload relevant documents to all plume group GeoTracker cases.	Continue current remediation until low-risk criteria is met
Appears to be stuck	Appears to be stuck	MILLER PROPERTY	T0606500766	REJ	S - Small Private Business	1/24/1990	The address for this site has changed and will be corrected in GeoTracker. The placement on the map for this site is incorrect and will be corrected in GeoTracker. The county has seized this property due to delinquent taxes, and is now trying to sell it as of July 2010. The RP for this site is deceased, and there is some uncertainty regarding the status of the deceased RP's wife and son as the new RP. The case will remain classified as "Stuck" and Region 7 staff will try to work with the city in order to enroll the site in the EAR program and have the city act as the RP in order to move the case forward.	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be on track	EXPRESS STOP	T0606500696	PL	G - Government Entity (include School, Hospital, Utility)	4/18/1994	The City of Indio is now acting as the RP for this site, and has funding in place from the EAR Account for FY 2011-2012. The City plans to remove the tanks followed by site assessment this year (2011)	Ensure RP compliance (includes identify RP, enforcement, EAR account etc)
Appears to be stuck	Appears to be on track	BIG BEND RESORT	T0607100968	KO	G - Government Entity (include School, Hospital, Utility)	4/20/1995	Work is again being performed at the site and it is moving forward. This case will be classified as "On Track".	Continue current remediation until low-risk criteria is met
Unable to determine (Insufficient information in GeoTracker)	Appears to be on track	PROVIDENT FEDERAL SAVINGS	T0606500745	PL	Z - Major Oil Company	7/15/1987	This case was discussed in it's relation to a commingled plume case in Blythe, it is part of "commingled Plume No. 6." Moving forward, site consultants will upload relevant documents to all plume group GeoTracker cases.	Continue current remediation until low-risk criteria is met

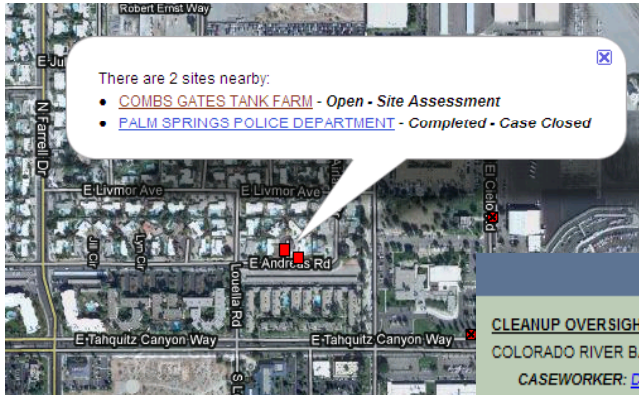
Attachment 1:

Case Review Power Point Slides from Draft Report

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

COMBS GATES TANK FARM (T0606501017)

210 N N EL CIELO, PALM SPRINGS, CA 92262



Case Age: 24 years
RP Identified by Regulator:
AMR COMBS-PALM SPRINGS AIRPORT
Not Claimed in GeoTracker
Primary COC: AVIATION
Current Land Use: Unknown

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2262004
CASEWORKER: [DAVID VIRGINIA](#) - SUPERVISOR: NONE SPECIFIED

RIVERSIDE COUNTY LOP - CASE #: 89153
CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

Possible Reasons Why This Case Is So Old

- No ESI submittals, memo describing site history uploaded on 7/20/2009 and four volumes of file documents were uploaded by regulator on 7/23/2009.
- No records from 1993 to 1996, but file summary appears to show additional MW installed 5/1992 and from 1992 to 1997 no action was taken at the site. No directives from 1997 to 2000.
- Oversight transferred from RB to Riverside County Dept. of Health in 3/1989 and back to the RB in 1/1991 due to extent of contamination and threat to groundwater.

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0606501017

<p style="text-align: center;"><u>Assessment last 5 years</u></p> <ul style="list-style-type: none"> • None 	<p style="text-align: center;"><u>Remediation last 5 years</u></p> <ul style="list-style-type: none"> • None
<p style="text-align: center;"><u>Assessment older than 5 years</u></p> <ul style="list-style-type: none"> • 11/1986: Contamination noted from soil borings. • 6/1988: Soil vapor study • 1/1991: One well installed – no detections • 5/1992: Possibly another MW installed • 3/1997: RB site visit – memo indicated soil borings were converted to soil vent wells (no permit documentation) 	<p style="text-align: center;"><u>Remediation older than 5 years</u></p> <ul style="list-style-type: none"> • 11/1986: 1 out of 10 USTs removed due to leak. • 9/1989: Tank farm updated – unclear how this pertained to present USTs and site contamination

IMPEDIMENTS TO CLOSURE T0606501017

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Other - *No site assessment since 1997; it is unclear what current site conditions are. Site may be ready for closure based on 1997 conditions.*

INADEQUATE SOURCE CONTROL

Other - *Source control appeared to have been controlled*

PLUME INSTABILITY

Verification Monitoring Not Complete - *No groundwater monitoring has taken place since 1992 (estimated).*

GROUNDWATER IMPACTS

Other - *No groundwater impact was identified during last sampling event.*

WELL IMPACTS

Other - *No well impacts have been identified.*

UNACCEPTABLE RISK

Other - *Since current site conditions are unknown, evaluation of potential risk is difficult.*

PROCEDURAL IMPEDIMENTS

Non-Responsive and / or Recalcitrant Responsible Party - *Current RP is unknown*

BENEFITS OF ADDITIONAL WORK

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *No groundwater monitoring has taken place since 1992*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	> 10 Years	Potential for source material to migrate to groundwater

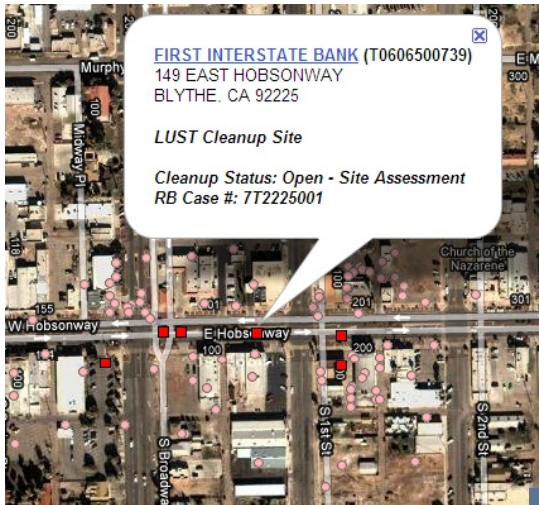
NOTES / COMMENTS See attached memo and timeline for a more detailed site history and description.

Review Conclusions T0606501017

- No submittals by RP. Regulator uploaded four volumes of documents from case file 7/23/2009. Interagency memo regarding site history dated 7/20/2009:
 - Past regulator documented a site visit in 3/1997 memo. Soil borings converted to soil vent wells, but no permit documentation found. Regulator recommended to destroy the vent wells and close case “*based on the fact that the highest TPH concentrations were not detected past 130 fbg and GW was detected at over 200 fbg,*” which was, “*evidentially consistent with ‘soil pollution cases’ at the time.*” 4/1997, 1/2000, and 5/2001 directive letters sent to RP – deemed recalcitrant.
 - Current regulator indicated that the AMR Combs company was sold in 1998 and “*would like to schedule a visit to determine the current tenant, make an official point of contact, and evaluate current site conditions.*”
- Closure Review indicates, “*No site assessment since 1997; it is unclear what current site conditions are. Site may be ready for closure based on 1997 conditions.*”
- *Discussion: Next step – how to move this case towards cleanup closure? Has recent site visit been conducted as indicated?*

FIRST INTERSTATE BANK (T0606500739)

149 EAST HOBSONWAY, BLYTHE, CA 92225



Case Age: 23 years

RP Identified by Regulator: MILAN PANIC (possibly individual), but reports indicate Chevron Environmental Management Company)
 Primary COC: GASOLINE
 Current Land Use: Bank (formerly Standard Oil Co. service station)



Possible Reasons Why Is This Case So Old

- 1 of 7 LUFT sites (Site D) within the Commingled Plume 6 of the Blythe Environmental Remediation Project.
- Several years between activities; no remedial activities in last five years.
- Site is near floating product plume.

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2225001

CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN

RIVERSIDE COUNTY LOP

CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0606500739

Assessment last 5 years

- Ongoing Quarterly GW sampling since 2008, now semi-annual. Last GW monitoring report submitted 2/2010
- Vapor and grab GW samples collected 2003
- Vapor assessment 2008
- Vapor Intrusion Assessment submitted 4/2010

Remediation last 5 years

- None documented

Assessment older than 5 years

- Installed 45 wells total for all sites in 1980s and 1990s
- Vapor and grab GW samples collected 1995

Remediation older than 5 years

- All USTs abandoned in place or removed – reports did not specify for each case in GT
- Air sparging in Mid-1990s

IMPEDIMENTS TO CLOSURE T0606500739

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *The primary constituents of concern at the site include Total Petroleum Hydrocarbon as gasoline and Benzene.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *Groundwater in the site vicinity is used for drinking water and other beneficial purposes. The City of Blythe operates three municipal water supply wells within 0.5 mile of CP6. City of Blythe Well No. 11 is located 1991 feet north-northwest (crossgradient); City of Blythe Well No. 13 is located 2103 ft north-northwest (upgradient); and City of Blythe Well No. 10 is located 2439 feet to the southeast (crossgradient). No known production wells are currently or immediately threatened by the release at CP-6.*

BENEFITS OF ADDITIONAL WORK

Protect Existing Water Supply Wells - *For current and future drinking water use*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR: TIME FRAME FOR IMPACT; COMMENTS

Municipal Well: Already Impacted; The closest downgradient city production well is City of Blythe Well No. 13, located 2103 ft southeast of CP6.

Groundwater: Already Impacted; Total Petroleum Hydrocarbon as gasoline, Phase-Separated Hydrocarbons, and Benzene.

Indoor Air (Residential or Commercial): Already Impacted; The vapor intrusion risk was modeled for the on-site building using USEPA's vapor intrusion model spreadsheet. Site specific and commercial default values for the commercial slab on grade building were used as inputs. The calculated incremental cancer risk is 1.6E-05, or a 0.0016% increase in the chances of contracting cancer over the lifetime of an individual. The published DTSC insignificant risk level is 1.0E-06 (or an increased risk of 0.0001%). The calculated hazard quotient is 5.6E-02, which is less than the DTSC (2005) insignificant risk level.

Other: Already Impacted; The carbon dioxide and oxygen data collected from the soil gas probes indicate biodegradation is occurring.

NOTES / COMMENTS This site is Site D, is a former Standard Oil Co. service station that operated from 1938 through 1964, currently Valley Independent Bank, located at 149 East Hobson way. Remediation of hydrocarbon-containing soil was conducted at Sites A, E, and F in the mid-1990s utilizing Vapor Extraction System technology. Air sparging was implemented at Site E to remediate groundwater. As of the end of the third quarter of 1996, a total of 41,780 pounds of hydrocarbons had been removed from Site A, and 51,694 pounds of hydrocarbons had been removed from Site E. An unknown quantity of hydrocarbons was removed from Site F.

Review Conclusions T0606500739

- 1 of 7 LUFT sites within Commingled Plume 6. This site is near and adjacent to a floating product plume.
- Remediation conducted in mid-1990s; specific date or years not specified.
- Last GW monitoring report submitted for fourth quarter 2009 (2/2010). Vapor intrusion assessment report submitted 4/2010; hydrocarbons detected below screening values.
- *Discussion: Next step – how to move this case towards cleanup closure? Additional remedial action?*

DELEON'S SERVICE (T0606500953)
51298 HARRISON STREET, COACHELLA, CA 92236



Case Age: 19 years
RP Identified by Regulator: Ramon Deleon, Tank Operator; City of Coachella, RP Contact
Primary COC: GASOLINE
Current Land Use: Vacant Lot

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES
 COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2236023
 CASEWORKER: [ROBERT E JONES](#) - SUPERVISOR: KAI DUNN
 RIVERSIDE COUNTY LOP - CASE #: 91082
 CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE



Possible Reasons Why Is This Case So Old

- No actions for many years, now site is progressing.
- No information discovered regarding pre-2006 activities – USTs removed 2006 and site assessment began.
- Remediation began 11/2009.

NOTE: Data queried from GeoTracker and reviewed in June 2010

**Activities Conducted to Date Based on GeoTracker Info
 T0606500953**

Assessment last 5 years

- Soil samples collected at UST removal
- Soil borings advanced, sampled, and completed as MWs during 2007-2009
- Quarterly GW sampling since 2007
- Sensitive receptor survey 3/2009
- Off-site assessment report 3/19/2010
- Ozone bench study to be performed

Remediation last 5 years

- UST systems removed 8/2006.
- Ongoing SVE and air sparging began 11/2009.

Assessment older than 5 years

- NONE

Remediation older than 5 years

- NONE

IMPEDIMENTS TO CLOSURE T0606500953

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *Off-site contamination has not been adequately defined. Off-site wells are being installed to define the extent of the contamination plume.*

INADEQUATE SOURCE CONTROL

Remaining Source Poses Threat to Groundwater - *There is residual soil and groundwater contamination both on and off-site.*

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *Groundwater has been impacted both onsite and off-site. Free product is still present onsite.*

BENEFITS OF ADDITIONAL WORK

Remove / Reduce Source Mass - *Free product is still present onsite.*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

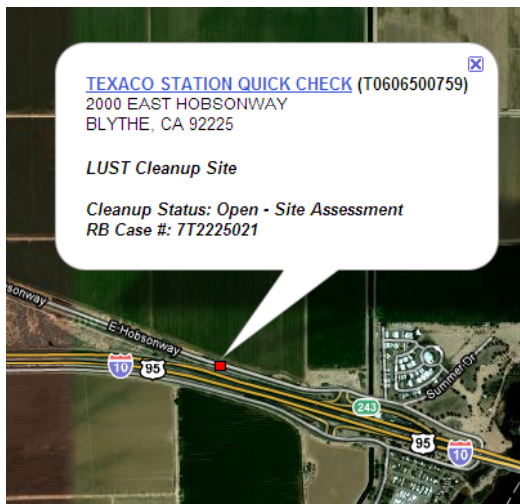
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Groundwater is currently impacted.

Review Conclusions T0606500953

- Current consultant discovered three MWs onsite, but no information for pre-2006 activities have been discovered. USTs removed in 2006.
- Site assessment conducted to define extent of plume and free product is still present onsite; submitted on 3/19/2010. Recommended additional off-site assessment and requested a meeting with the regulator to discuss further assessment and pilot testing to remediate the off-site GW plume.
- *Discussion: Next step – How to move this case towards cleanup closure?*

TEXACO STATION QUICK CHECK (T0606500759)

2000 EAST HOBSONWAY, BLYTHE, CA 92225



Case Age: 20 years

Primary COC: GASOLINE

RP Identified: COPA INC.

Not Claimed in GeoTracker

Current land use: Unknown

Possible Reasons Why Is This Case So Old

- No submittals, no site specific history.
- Note in GT references T0606500758 and states that this case is included in Commingled Plume No. 9. However, this address is not located in Commingled Plume No. 9 – possible discrepancy. Location could not be verified. Address in GeoTracker needs to be verified.

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2225021

CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN

RIVERSIDE COUNTY LOP

CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info

T0606500759

Assessment last 5 years

- No site history; Site History section in GT indicates, "This site is in the Commingled Plume no. 9 project. In order to access to Environmental Data (ESI) and Site Maps/Documents, please using Global ID no. T0606500758 (since it relates to other sites)"

Remediation last 5 years

- No site history

Assessment older than 5 years

- No site history

Remediation older than 5 years

- No site history

IMPEDIMENTS TO CLOSURE T0606500759

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *RP plans to install more groundwater monitoring wells sometime next year (2010).*

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *The primary constituents of concern at the site include Total Petroleum Hydrocarbon as gasoline, Methyl tert-butyl ether, and Benzene.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *Groundwater in the site vicinity is used for drinking water and other beneficial purposes. The City of Blythe operates three municipal water supply wells within 0.5 mile of CP9. City of Blythe Well EB Well 05 is located 1228 feet southeast (downgradient); Burton s Trailer Park South Well is located 1922 ft (downgradient). No known production wells are currently or immediately threatened by the release at CP-9.*

BENEFITS OF ADDITIONAL WORK

Protect Existing Water Supply Wells - *For current and future drinking water use*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR: TIME FRAME FOR IMPACT; COMMENTS

Municipal Well: Already Impacted; The closest downgradient city production well is City of Blythe EB Well 05, located 1228 ft southeast of CP9.

Groundwater: Already Impacted; Total Petroleum Hydrocarbon as gasoline, Phase-Separated Hydrocarbons, Methyl tert-butyl ether, and Benzene.

NOTES / COMMENTS

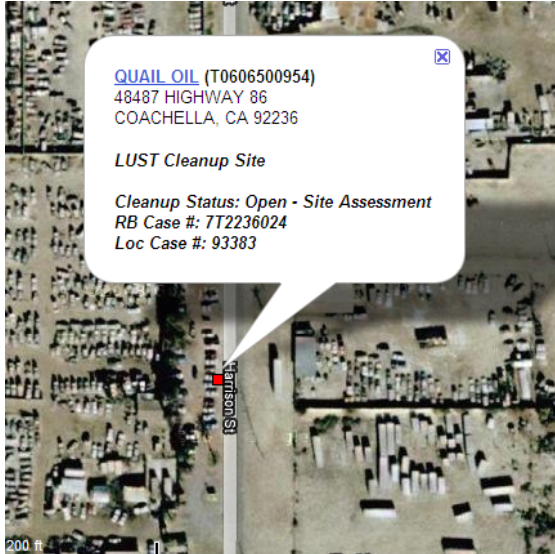
This site is Site E, located at 8991 East Hobsonway, is the former Texaco Oil service station, and is currently an active Mobil service station. Past remediation activities at Site C and E were conducted in the mid 1990s. Remediation activities at Site C included a Vapor Extraction System that operated from December 1993 until at least March 1994 and removed at least 14,817 pounds of hydrocarbons. In addition, a Groundwater Pump and Treatment System (GWPTS) ran at Site C in the early 1990s, treating 2.35 million gallons of water, and PSH recovery activities which removed at least 324 gallons of Phase-Separated Hydrocarbons (PSH). Remediation activities at Site E included a GWPTS that removed at least 4,575 gallons of PSH and manual PSH recovery activities which removed at least 97 gallons of PSH. No further soil or groundwater remediation has been performed to date for CP9. RP plans to conduct the groundwater monitoring in November 2009 and they will submit the site assessment report for installation of new groundwater monitoring wells at the end of 2009.

Review Conclusions T0606500759

- Only correspondences from regulator, does not include site specific history, and last regulatory activity entered in GeoTracker is Site Assessment Report dated 4/19/2010. Others include Request to Abandon GWM wells on 1/26/2010, Well Destruction Report on 3/3/2010, and Notification of completion of groundwater monitoring well installation activities.
- Note and correspondences in GT indicate that this case is in the Commingled Plume No. 9 Project and all reference T0606500758. However, the referenced commingled plume does not include this case. Notes also indicated that this site is **Site E, located at 8991 E. Hobsonway**; but address in GT is 2000 East Hobsonway. Reports in referenced GT case indicate that Site E is located at 200 East Hobsonway.
- Closure Review indicates, “remediation activities at Site E included a GWPTS that removed at least 4,575 gallons of PSH and manual PSH recovery activities which removed at least 97 gallons of PSH. No further soil or groundwater remediation has been performed to date for CP9.”
- *Discussion: Next step – How to move this case towards cleanup closure? Verify case location and correct address in GeoTracker if applicable.*

QUAIL OIL (T0606500954)

48487 HIGHWAY 86, COACHELLA, CA 92236



Case Age: 17 years

RP Identified by Regulator: Quail Oil; Kenny Struckland, Tank Operator

Not Claimed in GeoTracker

Primary COC: DIESEL, GASOLINE

Current Land Use: Commercial – Vacant Lot

Possible Reasons Why Is This Case So Old

- No ESI submittals, limited site history found in GT; site location could not be verified.
- USTs removed in 1999 and oversight transferred to the board in 2005.
- Limited enforcement, staff review in 2/2008 and enforcement letter from board dated 3/2008

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2236024

CASEWORKER: [ROBERT E JONES](#) - SUPERVISOR: KAI DUNN

RIVERSIDE COUNTY LOP - CASE #: 93383

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info

T0606500954

Assessment last 5 years

- Site Assessment Report dated 12/2002 (referenced in enforcement letter submitted 6/2008)
- Action in GT: Soil/GW Investigation WP 7/2008
- Action in GT: Site Assessment WP 9/2008

Remediation last 5 years

- NONE

Assessment older than 5 years

- NONE

Remediation older than 5 years

- USTs and piping removed 3/1999

IMPEDIMENTS TO CLOSURE T0606500954

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *Contamination has not been adequately defined. Groundwater wells are being installed to determine the extent of the contamination plume.*

INADEQUATE SOURCE CONTROL

Remaining Source Poses Threat to Groundwater - *Soil borings are scheduled to be advanced to determine if there is residual soil contamination.*

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *Groundwater has been impacted onsite. Free product may still be present onsite.*

BENEFITS OF ADDITIONAL WORK

Remove / Reduce Source Mass - *Determine if free product is present onsite.*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

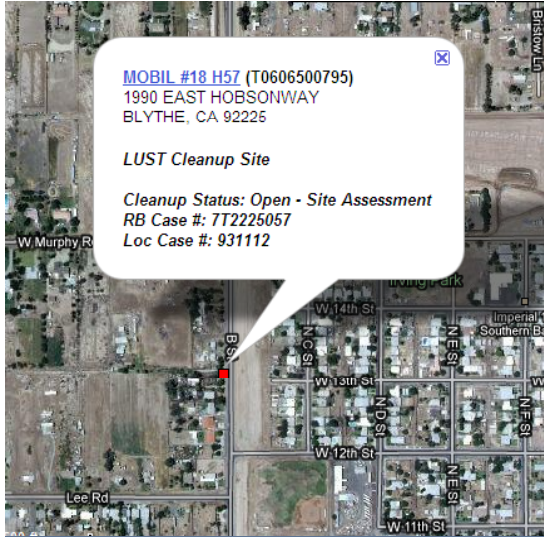
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Groundwater is currently impacted.

Review Conclusions T0606500954

- No documents or ESI submittals, limited site history. Groundwater Frequency Review indicates no GWM is conducted on site.
- Oversight transferred to the RB in 8/2005, staff review in 2/2008 and enforcement letter submitted in 3/2008.
- Site assessment work plan submitted 9/16/2008 and acceptance letter submitted 9/26/2008. No indication work has been initiated.
- Closure Review indicates that “groundwater wells are being installed to determine the extent of the contamination plume” and “soil borings are scheduled to be advanced to determine if there is residual soil contamination.” Also, “free product may still be present on-site.”
- *Discussion: Next step – How to move this case towards cleanup closure, recommend to enforce ESI compliance? Has work been initiated?*

MOBIL #18 H57 (T0606500795)

1990 EAST HOBSONWAY, BLYTHE, CA 92225



Case Age: 17 years
 RP Identified by Regulator:
KENNETH & DIANA GEORGE
Not Claimed in GeoTracker
 Primary COC: GASOLINE
 Current Land Use: Unknown

Possible Reasons Why Is This Case So Old

- No submittals, no site specific history.
- Note in GT references T0606500758 and states that this case is included in Commingled Plume No. 9. However, this address is not located in Commingled Plume No. 9 – possible discrepancy. Location could not be verified.

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES
 COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2225057
 CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN
 RIVERSIDE COUNTY LOP - CASE #: 931112
 CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0606500795

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 T0606500795

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Extent of Contamination Has Not Been Determined - *RP plans to install more groundwater monitoring wells sometime next year (2010).*

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *The primary constituents of concern at the site include Total Petroleum Hydrocarbon as gasoline, Methyl tert-butyl ether, and Benzene.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *Groundwater in the site vicinity is used for drinking water and other beneficial purposes. The City of Blythe operates three municipal water supply wells within 0.5 mile of CP9. City of Blythe Well EB Well 05 is located 1228 feet southeast (downgradient); Burton s Trailer Park South Well is located 1922 ft (downgradient). No known production wells are currently or immediately threatened by the release at CP-9.*

BENEFITS OF ADDITIONAL WORK

Protect Existing Water Supply Wells - *For current and future drinking water use*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Already Impacted	The closest downgradient city production well is City of Blythe EB Well 05, located 1228 ft southeast of CP9. Groundwater Already Impacted Total Petroleum Hydrocarbon as gasoline, Phase-Separated Hydrocarbons, Methyl tert-butyl ether, and Benzene.

NOTES / COMMENTS

This site is Site D, located at 9021 East Hobsonway, is the former Mobil Oil service station, and is currently an abandoned service station. Past remediation activities at Site C and E were conducted in the mid 1990s. Remediation activities at Site C included a Vapor Extraction System that operated from December 1993 until at least March 1994 and removed at least 14,817 pounds of hydrocarbons. In addition, a Groundwater Pump and Treatment System (GWPTS) ran at Site C in the early 1990s, treating 2.35 million gallons of water, and PSH recovery activities which removed at least 324 gallons of Phase-Separated Hydrocarbons (PSH). Remediation activities at Site E included a GWPTS that removed at least 4,575 gallons of PSH and manual PSH recovery activities which removed at least 97 gallons of PSH. No further soil or groundwater remediation has been performed to date for CP9. RP plans to conduct the groundwater monitoring in November 2009 and they will submit the site assessment report for installation of new groundwater monitoring wells at the end of 2009.

Review Conclusions T0606500795

- Only correspondences from regulator uploaded – does not include site specific history.
- Note and correspondences in GeoTracker indicate that this case is in the Commingled Plume No. 9 Project and all reference T0606500758. However, the referenced commingled plume does not include this address. Notes also indicated that this site is Site D, located at 9021 E. Hobsonway and this case is at 1990 E. Hobsonway.
- *Discussion: Next step – How to move this case towards cleanup closure? Verify case location and correct GeoTracker if applicable.*

BANK OF AMERICA (VACANT LOT) (T0606500750)

249 EAST HOBSONWAY, BLYTHE, CA 92225



Case Age: 22 years

Primary COC: GASOLINE

RP Identified: BANK OF AMERICA

Not Claimed in GeoTracker

Current land use: Vacant Lot, former service station

OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2225012

CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN

RIVERSIDE COUNTY LOP

CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

Possible Reasons Why Is This Case So Old

- No submittals, no site specific history.
- 1 of 7 LUFT sites (Site G) within the Commingled Plume 6 of the Blythe Environmental Remediation Project in 2/2008.
- Management and submittals under **FIRST INTERSTATE BANK (T0606500739)**.



NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info

T0606500750

Assessment last 5 years

- No submittals for this case in GT until 2008
- Soil Gas Assessment Report submitted 10/2009

Remediation last 5 years

- No site specific history

Assessment older than 5 years

- No site specific history
- Installed 45 wells total for all sites in 1980s and 1990s
- Vapor and grab GW samples collected 1995

Remediation older than 5 years

- No site specific history
- All USTs abandoned in place or removed – reports did not specify for each case in GT
- Air sparging in Mid-1990s

IMPEDIMENTS TO CLOSURE T0606500750

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *The primary constituents of concern at the site include Total Petroleum Hydrocarbon as gasoline and Benzene.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *Groundwater in the site vicinity is used for drinking water and other beneficial purposes. The City of Blythe operates three municipal water supply wells within 0.5 mile of CP6. City of Blythe Well No. 11 is located 1991 feet north-northwest (crossgradient); City of Blythe Well No. 13 is located 2103 ft north-northwest (upgradient); and City of Blythe Well No. 10 is located 2439 feet to the southeast (crossgradient). No known production wells are currently or immediately threatened by the release at CP-6.+*

BENEFITS OF ADDITIONAL WORK Protect Existing Water Supply Wells - For current and future drinking water use SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR: TIME FRAME FOR IMPACT; COMMENTS

Municipal Well: Already Impacted; The closest downgradient city production well is City of Blythe Well No. 13, located 2103 ft southeast of CP6

Groundwater: Already Impacted; Total Petroleum Hydrocarbon as gasoline, Phase-Separated Hydrocarbons, and Benzene.

Indoor Air (Residential or Commercial): Already Impacted; The vapor intrusion risk was modeled for the on-site building using USEPA's vapor intrusion model spreadsheet. Site specific and commercial default values for the commercial slab on grade building were used as inputs. The calculated incremental cancer risk is 1.6E-05, or a 0.0016% increase in the chances of contracting cancer over the lifetime of an individual. The published DTSC insignificant risk level is 1.0E-06 (or an increased risk of 0.0001%). The calculated hazard quotient is 5.6E-02, which is less than the DTSC (2005) insignificant risk level.

Other: Already Impacted; The carbon dioxide and oxygen data collected from the soil gas probes indicate biodegradation is occurring.

NOTES / COMMENTS

This site is Site G, is a former service station that operated from the 1950s to the 1970s, currently a vacant lot, located at 249 East Hobsonway. Remediation of hydrocarbon-containing soil was conducted at Sites A, E, and F in the mid1990s utilizing Vapor Extraction System technology. Air sparging was implemented at Site E to remediate groundwater. As of the end of the third quarter of 1996, a total of 41,780 pounds of hydrocarbons had been removed from Site A, and 51,694 pounds of hydrocarbons had been removed from Site E. An unknown quantity of hydrocarbons was removed from Site F.

Review Conclusions T0606500750

- Only correspondences from regulator – documents on GT do not include site specific history. 1 of 7 LUFT sites within a commingled plume. URF indicates, “This site is in the Commingled Plume no. 6 project. In order to access to Environmental Data (ESI) and Site Maps/Documents, please using Global ID no. T0606500739 (since it relates to other sites).” First quarter 2009 GWMR and vapor intrusion report submitted 4/2010 on referenced site.
- Groundwater Frequency Review does not indicate any wells sampled for this case.
- Closure Review does not indicate remedial activities were conducted at Site G.
- *Discussion: Next step – How to move this case towards cleanup closure? Not claimed in GT, enforcement needed for ESI compliance.*

MILLER PROPERTY (T0606500766)

9680 EAST HOBSONWAY, BLYTHE, CA 92225



Case Age: 20 years
RP Identified by Regulator: WILLIAM MILLER
- Not Claimed in GeoTracker
Primary COC: DIESEL, GASOLINE
Current Land Use: Unknown

Possible Reasons Why Is This Case So Old

- No submittals, no specific history.
- Activities report shows a correspondence on 4/28/2006 indicating the property owner was deceased. On 1/15/2009 Riverside County Assessor's office was contacted to ascertain if a new property owner had purchased the site. Property is still in the name of the previous owner, who is deceased according to GeoTracker records.

OPEN - INACTIVE

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T225028
 CASEWORKER: [ROBERT E JONES](#) - SUPERVISOR: KAI DUNN

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0606500766

Assessment last 5 years

- NO DOCUMENTATION

Remediation last 5 years

- NO DOCUMENTATION

Assessment older than 5 years

- NO DOCUMENTATION
- GeoTracker site history indicated a soil/GW site investigation in 2/1990 – site is underlain by a significant plume of petroleum hydrocarbon product and petroleum hydrocarbon contaminated groundwater.

Remediation older than 5 years

- NO DOCUMENTATION
- GeoTracker site history indicates the USTs were removed in 1989 – tanks had heavy corrosion, holes, and pits.

IMPEDIMENTS TO CLOSURE T0606500766

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

PROCEDURAL IMPEDIMENTS

Non-Responsive and / or Recalcitrant Responsible Party - *Property is still in the name of the original responsible party who is deceased.*

BENEFITS OF ADDITIONAL WORK

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *Site investigation is needed to complete the delineation of the contaminant plume.*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Groundwater has already been impacted.

NOTES / COMMENTS

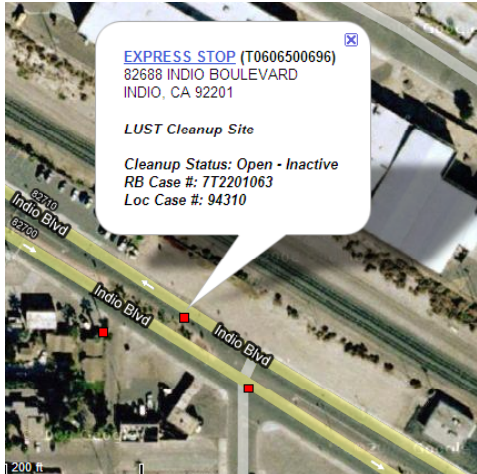
As of 7/29/2009 the Riverside County Assessor's office indicates that the property is still in the name of the previous owner, who is deceased. No new responsible party has acquired the site. A 1990 site investigation indicates that the site has a significant plume of petroleum hydrocarbon product and petroleum hydrocarbon contaminated groundwater. Groundwater sampling indicated TPHg concentration up to 72 ppm (mg/l). Soil sampling indicated TPHg concentrations up to 22,000 ppm (mg/kg). No diesel or lead analysis was conducted. In a 1990 Remedial Action plan, air sparging and soil vapor extraction were planned but never initiated.

Review Conclusions T0606500766

- No ESI submittals and limited site history.
- Closure review indicates, *“property is still in the name of the original responsible party who is deceased”* and *“site investigation is needed to complete the delineation of the contaminant plume.”* Can RWQCB do follow-up to ascertain this is still the case?
- *Discussion: Next step – How to move this case towards cleanup closure? Determine a responsible party? EAR Account?*

EXPRESS STOP (T0606500696)

82688 INDIO BOULEVARD, INDIO, CA 92201



Case Age: 16 years
RP Identified by Regulator: CITY OF INDIO
Not Claimed in GeoTracker
Primary COC: GASOLINE
Current Land Use: Vacant Lot

OPEN - INACTIVE

CLEANUP OVERSIGHT AGENCIES
COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2201063
CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN
RIVERSIDE COUNTY LOP - CASE #: 94310



NOTE: Data queried from GeoTracker and reviewed in June 2010

Possible Reasons Why Is This Case So Old

- URF dated 4/1994 indicates release and review of file revealed that no action was taken.
- Oversight transferred to the board in 2005.
- USTs have not been removed.
- Recalcitrant RP – disputing responsibility for cleanup.

Activities Conducted to Date Based on GeoTracker Info T0606500696

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 T0606500696

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Three (3) USTs are still beneath the site.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *The Indio Water Authority has 2 wells: Well 01-B is located 1322 ft and a Well 01-C is located 1980 ft from this site.*

BENEFITS OF ADDITIONAL WORK

Protect Existing Water Supply Wells - *For current and future drinking water use*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Municipal Well	Already Impacted	The Indio Water Authority has 2 wells: Well 01-B is located 1322 ft and a Well 01-C is located 1980 ft from this site.

NOTES / COMMENTS

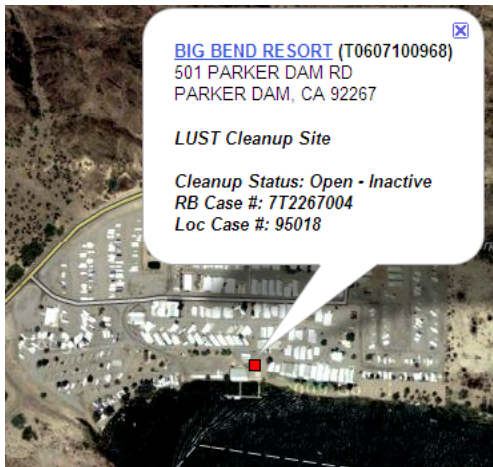
The current responsible party (he purchased the property from the County at a tax sale on March 18, 2003), he tried to argue that he did not cause any release of hazardous substances on the property and he has never conducted any operations of any kind on the property. His lawyer requested that the Regional Board (RB) withdraw the requests made of him in the RB letter dated July 29, 2009. RB staff is in progress to prepare 13267 letter.

Review Conclusions T0606500696

- USTs have not been removed.
- Recalcitrant RP: Current RP purchased property from the County at a tax sale in 3/2003 and refutes responsibility for contamination – letter submitted 7/2009 from lawyer.
- Closure Review indicates RB staff is in progress to prepare 13267 letter – drinking water wells present within less than 2,000-ft of site. Enforcement letter sent 7/29/2009.
- Recommend to nominate site for emergency abandoned, recalcitrant account for fiscal year 2010-2011 annual site list on activities report on 2/26/2010 and 4/8/2010.
- *Discussion: Next step – How to move this case towards cleanup closure? EAR account?*

BIG BEND RESORT (T0607100968)

501 PARKER DAM RD, PARKER DAM, CA 92267



Case Age: 15 years
RP Identified by Regulator:
BUREAU OF LAND MANAGEMENT
Not Claimed in GeoTracker
Primary COC: GASOLINE
Current Land Use: Unknown

OPEN - INACTIVE

CLEANUP OVERSIGHT AGENCIES

COLORADO RIVER BASIN RWQCB (REGION 7) (**LEAD**) - CASE #: 7T2267004
 CASEWORKER: [KOLA OLATUNBOSUN](#) - SUPERVISOR: KAI DUNN

SAN BERNARDINO COUNTY LOP - CASE #: 95018
 CASEWORKER: [JACKSON CRUTSINGER](#) - SUPERVISOR: MARILYN KRAFT

Possible Reasons Why Is This Case So Old

- No ESI submittals, limited site history in Staff Notes, which indicate “the contamination at the site was first identified in 1993 and was characterized from 1996 to 2000.”
- No current data.

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0607100968

<p style="text-align: center;"><u>Assessment last 5 years</u></p> <ul style="list-style-type: none"> • NONE DOCUMENTED 	<p style="text-align: center;"><u>Remediation last 5 years</u></p> <ul style="list-style-type: none"> • NONE DOCUMENTED
<p style="text-align: center;"><u>Assessment older than 5 years</u></p> <ul style="list-style-type: none"> • NONE DOCUMENTED 	<p style="text-align: center;"><u>Remediation older than 5 years</u></p> <ul style="list-style-type: none"> • NONE DOCUMENTED

IMPEDIMENTS TO CLOSURE T0607100968

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

SITE ASSESSMENT INCOMPLETE

Incomplete Conceptual Site Model (CSM) - *Further site investigation work is needed to determine the extent of the contamination.*

BENEFITS OF ADDITIONAL WORK

Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - *The extent of the contamination needs to be adequately defined.*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Groundwater was impacted.

Review Conclusions T0607100968

- Only one correspondence from regulator uploaded (request for reduction in GW monitoring frequency dated 7/31/2009 although there is currently no monitoring).
- Site history in GeoTracker indicates, "soil and groundwater contamination occurred at the Big Bend Resort due to release of gasoline. The leak came from a pipeline which was removed." Internal Staff Notes indicate, "the contamination at the site was first identified in 1993 and was characterized from 1996 to 2000." No data in GT.
- Closure Review indicates that "groundwater was impacted" and "further site investigation work is needed to determine the extent of contamination."
- Public participation tab indicates case was designated as a Category 1, "Category 1 includes most leaking underground fuel tank (LUFT) sites and many small commercial facilities, such as dry cleaners. Category 1 sites are characterized by soil or groundwater contamination that does not pose an immediate human health threat and does not extend off-site onto neighboring properties. Off-site groundwater plumes that extend only into the public right of way are also included in this category. We expect little or no public interest at Category 1 sites."
- Discussion: *Next step – How to move this case towards cleanup closure?*

PROVIDENT FEDERAL SAVINGS (T0606500745)

201 EAST HOBSONWAY, BLYTHE, CA 92225



OPEN - SITE ASSESSMENT

CLEANUP OVERSIGHT AGENCIES
 COLORADO RIVER BASIN RWQCB (REGION 7) (LEAD) - CASE #: 7T2225007
 CASEWORKER: PHAN LE - SUPERVISOR: KAI DUNN
 RIVERSIDE COUNTY LOP
 CASEWORKER: [Riverside County LOP Closed Cases](#) - SUPERVISOR: SHARON BOLTINGHOUSE

Case Age: 23 years
Primary COC: GASOLINE
RP Identified by Regulator: CHEVRON
Current land use: Commercial

Possible Reasons Why Is This Case So Old

- No site specific history.
- 1 of 7 LUFT sites (Site F) within the Commingled Plume 6 of the Blythe Environmental Remediation Project in 2/2008.
- Management and most submittals under **FIRST INTERSTATE BANK (T0606500739)**.

NOTE: Data queried from GeoTracker and reviewed in June 2010

Activities Conducted to Date Based on GeoTracker Info T0606500745

Assessment last 5 years

- No submittals for this case in GT until 2008
- Soil Gas Assessment Report submitted 10/2009
- GW Monitoring Frequency report indicates no wells sampled

Remediation last 5 years

- No site specific history

Assessment older than 5 years

- No site specific history
- Installed 45 wells total for all sites in 1980s and 1990s
- Vapor and grab GW samples collected 1995

Remediation older than 5 years

- No site specific history
- All USTs abandoned in place or removed – reports did not specify for each case in GT
- Air sparging in Mid-1990s – unknown quantity

IMPEDIMENTS TO CLOSURE T0606500745

as reported by regulatory agency

IMPEDIMENTS TO CLOSURE

GROUNDWATER IMPACTS

Groundwater Impacted Above Other Cleanup Goal - *The primary constituents of concern at the site include Total Petroleum Hydrocarbon as gasoline and Benzene.*

WELL IMPACTS

Municipal Wells Potentially Impacted - *Groundwater in the site vicinity is used for drinking water and other beneficial purposes. The City of Blythe operates three municipal water supply wells within 0.5 mile of CP6. City of Blythe Well No. 11 is located 1991 feet north-northwest (crossgradient); City of Blythe Well No. 13 is located 2103 ft north-northwest (upgradient); and City of Blythe Well No. 10 is located 2439 feet to the southeast (crossgradient). No known production wells are currently or immediately threatened by the release at CP-6.*

BENEFITS OF ADDITIONAL WORK

Protect Existing Water Supply Wells - *For current and future drinking water use*

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR: TIME FRAME FOR IMPACT; COMMENTS

Municipal Well: Already Impacted; The closest downgradient city production well is City of Blythe Well No. 13, located 2103 ft southeast of CP6.

Groundwater: Already Impacted; Total Petroleum Hydrocarbon as gasoline, Phase-Separated Hydrocarbons, and Benzene.

Indoor Air (Residential or Commercial): Already Impacted; The vapor intrusion risk was modeled for the on-site building using USEPA s vapor intrusion model spreadsheet. Site specific and commercial default values for the commercial slab on grade building were used as inputs. The calculated incremental cancer risk is 1.6E-05, or a 0.0016% increase in the chances of contracting cancer over the lifetime of an individual. The published DTSC insignificant risk level is 1.0E-06 (or an increased risk of 0.0001%). The calculated hazard quotient is 5.6E-02, which is less than the DTSC (2005) insignificant risk level.

Other: Already Impacted; The carbon dioxide and oxygen data collected from the soil gas probes indicate biodegradation is occurring.

NOTES / COMMENTS

This site is Site F, is a former Gulf Oil Co. service station that operated from the 1930s to the 1970s, currently redeveloped with a commercial building occupied by the Holt Group, located at 201 East Hobsonway. Remediation of hydrocarbon-containing soil was conducted at Sites A, E, and F in the mid1990s utilizing Vapor Extraction System technology. Air sparging was implemented at Site E to remediate groundwater. As of the end of the third quarter of 1996, a total of 41,780 pounds of hydrocarbons had been removed from Site A, and 51,694 pounds of hydrocarbons had been removed from Site E. An unknown quantity of hydrocarbons was removed from Site F.

Review Conclusions T0606500745

- No submittals from before 2008 – documents on GeoTracker do not include site specific history. 1 of 7 LUFT sites within a commingled plume.
- Soil Gas Assessment Report submitted 10/2009. Soil gas data submitted as EDF. 11/2009 EDFs pending regulator approval in GeoTracker.
- Closure Review indicates air sparging conducted in the 1990's, but “an unknown quantity of hydrocarbons was removed from Site F.”
- *Discussion: Next step – How to move this case towards cleanup closure? Enforce ESI compliance or place a note/letter in GeoTracker explaining where other case information and documents are located in GeoTracker?*