

Final

November 17, 2011

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

Central Valley – Regional Water Quality Control Board (CV-RWQCB) Region 5 – Redding (5R) Cases

**Prepared as in-kind task as part of Cooperative Agreement LS-96934701-1 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 November 26, 2010, with a request for a follow-up meeting and input from Central Valley, Redding (Region 5R) – Regional Water Quality Control Board (RWQCB) into the “Next Steps for Agency” column of the case cleanup status spreadsheet.

Central Valley, Redding – RWQCB (Region 5R) had a conference call with USEPA Region 9 and its contractor, Tetra Tech, Inc., on October 25, 2011 to discuss the draft report and the lead agency’s next steps for each case. The agency acknowledged several challenges with these cases. A few of the challenges mentioned by Central Valley, Redding –RWQCB (Region 5R) and conclusions from the meeting are:

- One case (One Stop case No.1 – T0610300002) was closed.
- Four (4) cases appear to be near completion (closure) within 1-year.
- One case that appears not to be on track (Kinder Morgan Energy Partners – T0600700020) is now on track.
- All three (3) cases that were originally deemed “Unable to determine (insufficient information in GeoTracker)” have been resolved. After discussion with the agency, these cases are as follows:
 - ✓ One case appear near completion within 1-year
 - ✓ Two (2) cases are stuck due to recalcitrant responsible parties (RPs). Agency will assign these cases to the new caseworker.

In addition, Central Valley, Redding RWQCB (Region 5R) indicated that the agency:

- Currently has a total of 3 caseworkers, dividing their time between Underground Storage Tank (UST), Leaking UST Cleanup and Landfill programs.
- Hired a new caseworker and will start on November 14, 2011.
- Does not normally do enforcement, and is interested in possible resources available for enforcement.
- Kept the case flow going forward by working on cases with responsive RPs.

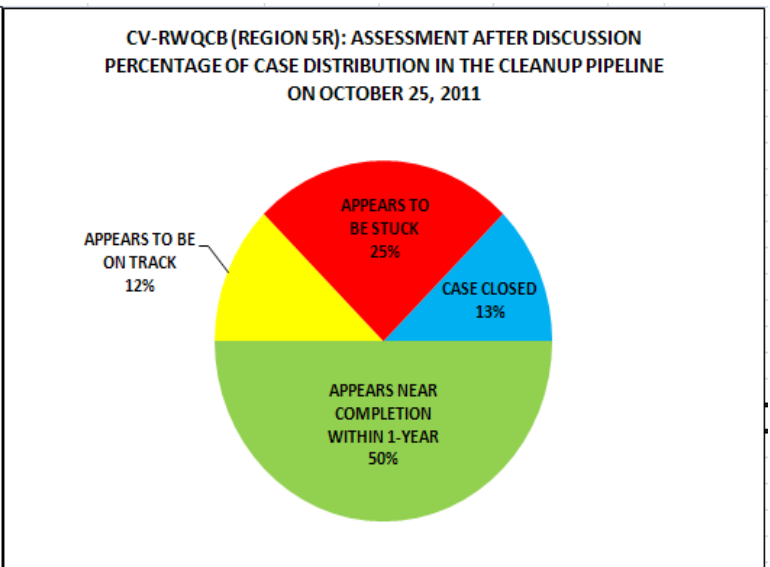
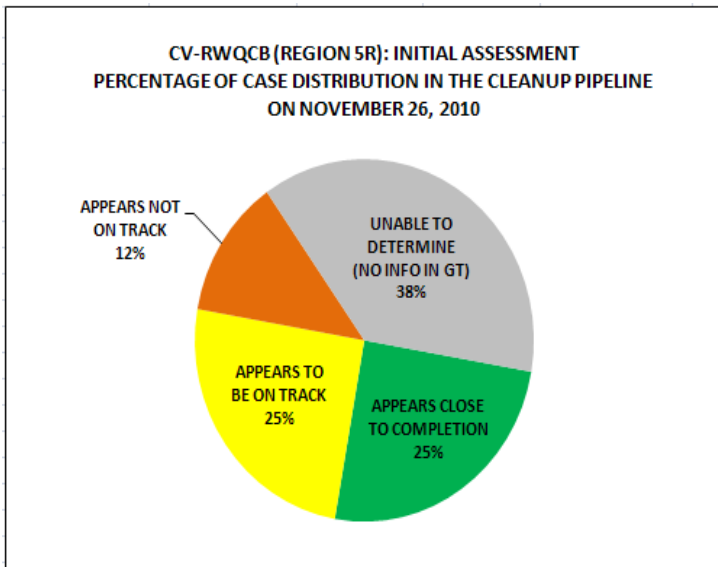
Central Valley, Redding (Region 5R) – Regional Water Quality Control Board (RWQCB)

Apparent Case Status – Initial Review and After Discussion with Agency

TOTAL NUMBER OF CASES REVIEWED = 8 CASES
 NUMBER OF ACTIVE LUST CASE ON NOVEMBER 24, 2010 = 118 CASES
 DRAFT REVIEW REPORT PREPARED AND SENT TO AGENCY ON NOVEMBER 26, 2010
 CONFERENCE CALL WITH THE AGENCY TO DISCUSS CASES REVIEWED ON OCTOBER 25, 2011

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

Apparent Case Status	Initial Assessment Number of Cases (11-26-2010)	Post Conference Call Assessment Number of Cases (10-25-2011)
CASE CLOSED	0	1
Appears close to completion	2	0
Appears near completion within 1-year	0	4
Appears to be on track	2	1
Appears NOT to be on track	1	0
Appears to be stuck	0	2
Unable to determine (Insufficient information in GeoTracker)	3	0



**CASE REVIEW SUMMARY TABLE
(CV-RWQCB REGION 5R)**

ESTIMATED STATUS IN THE CLEANUP PIPELINE? (November 26, 2010)	ESTIMATED STATUS IN THE CLEANUP PIPELINE? (October 25, 2011)	SITE NAME (CASE LEAD AGENCY: CENTRAL VALLEY RWQCB - REGION 5R)	GLOBAL ID	CASEWORKER	PRIMARY COC (In GeoTracker)	APPARENT TYPE OF RP	RELEASE DATE	DISCUSSION NOTES FROM CONFERENCE CALL (OCTOBER 25, 2011)	NEXT STEP FOR AGENCY
Appears close to completion	CLOSED (3/9/2011)	ONE STOP (CASE NO. 1)	T0610300002	Eric Rapport	Gasoline	S - Small Private Business	11/18/1986	CLOSED (3/9/2011)	CLOSED (3/9/2011)
Appears close to completion	Appears near completion within 1-year	TEHAMA CO SHERIFFS DEPT	T0610300083	Eric Rapport	Other	G - Government Entity (include School, Hospital, Utility)	12/1/1992	* RP collecting bids to conduct MW destruction * Will complete closure within 1-year	Complete closure process in 1-year (includes well decommission)
Appears to be on track (based on #520094)	Appears near completion within 1-year	RED BLUFF UNION HIGH SCHOOL -1 <i>(Use case #520094-CUF info)</i>	T0610300001	Grant Stein	Multiple	G - Government Entity (include School, Hospital, Utility)	1/23/1987	* Requested MW destruction * Will complete closure within 1-year	Complete closure process in 1-year (includes well decommission)
Appears to be on track	Appears near completion within 1-year	UPRR PORTOLA RAILYARD (see also SCP case 2050367)	T0606300032	Randy Judge	Gasoline	I - Industry (Railroad, Steel etc)	11/8/1994	* A permeable wall was put at the site 2-weeks ago * Site has both UST and Cleanup cases * Will be able to close the UST case by the end of the fiscal year	Complete closure process in 1-year (includes well decommission)
Appears NOT to be on track	Appears to be on track	Kinder Morgan Energy Partners LOP (see also SCP Case 2050093)	T0600700020	Eric Rapport	Other	I - Industry (Railroad, Steel etc)	7/22/1987	* Site is a large bulk fuel plant (mostly ASTs); on-going monitoring * Has active cleanup abatement (neighborhoods nearby) - rescinding * Need to get Kinder Morgan's spill calculator	Ensure RP compliance (includes identify RP, enforcement, EAR account etc.)
Unable to determine (Insufficient information in GeoTracker)	Appears to be stuck	NORTH VALLEY ELECTRIC	T0600700047	Randy Judge	Gasoline	O - Other (Individual, Homes etc)	2/22/1991	* Case will be assigned to the new case worker * Need to get in touch with the RP again to conduct cleanup * Anticipate another 7-8 years to closure	Ensure RP compliance (includes identify RP, enforcement, EAR account etc.)
Unable to determine (Insufficient information in GeoTracker)	Appears to be stuck	SHUFFLETON HUGH	T0608900157	Grant Stein	Gasoline	S - Small Private Business	4/7/1994	* Recalcitrant RP * Agency contacted RP in 2005 and 2010, no response * Case will be assigned to the new case worker	Ensure RP compliance (includes identify RP, enforcement, EAR account etc.)
Unable to determine (Insufficient information in GeoTracker)	Appears near completion within 1-year	QUINCY BODY SHOP	T0606300035	Grant Stein	Other	S - Small Private Business	11/22/1995	* Gross contamination detected in soil and GW * Determined contamination from bulk plant, and not UST * Case ready for closure (UST portion)	Complete closure process in 1-year (includes well decommission)

Attachment 1

Draft Report (November 26, 2010)

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

The contents of this attachment are provided in electronic format only

Draft

November 26, 2010

Review of Leaking Underground Storage Tank (LUST) Cases

(Not in Cleanup Fund and Open Over 15 Years)

Central Valley - Regional Water Quality Control Board (CV-RWQCB) Region 5 - Redding (5R) Cases

**Prepared as in-kind task as part of
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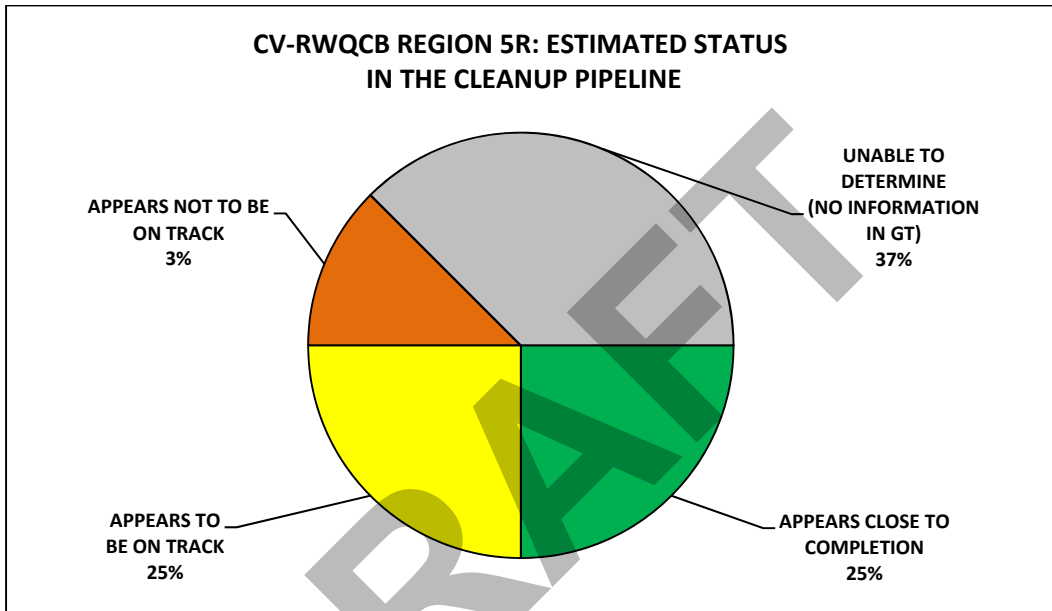
**CENTRAL VALLEY-REGIONAL WATER QUALITY CONTROL BOARD REGION 5 - REDDING (CV-RWQCB-5R)
 – OPEN LEAKING UST: NON-CUF, OLDER (OPEN>15 YEARS), AND DEEMED
 “NOT READY FOR CLOSURE – FINAL” CASES IN GEOTRACKER
 (DATA IN GEOTRACKER, NOVEMBER 2010)**

SUMMARY OF CASE REVIEW

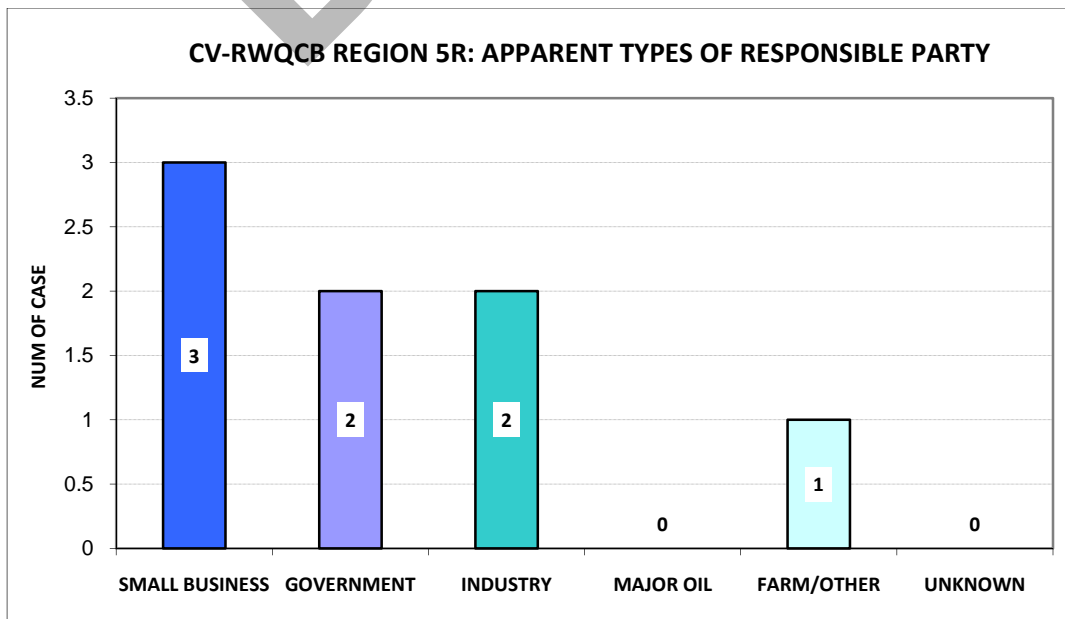
TOTAL NUMBER OF CASES REVIEWED = 8 CASES

NUMBER OF ACTIVE LUST CASE ON NOVEMBER 24, 2010 = 118 CASES

1) APPARENT STATUS OF CASES REVIEWED



2) RESPONSIBLE PARTY TYPES

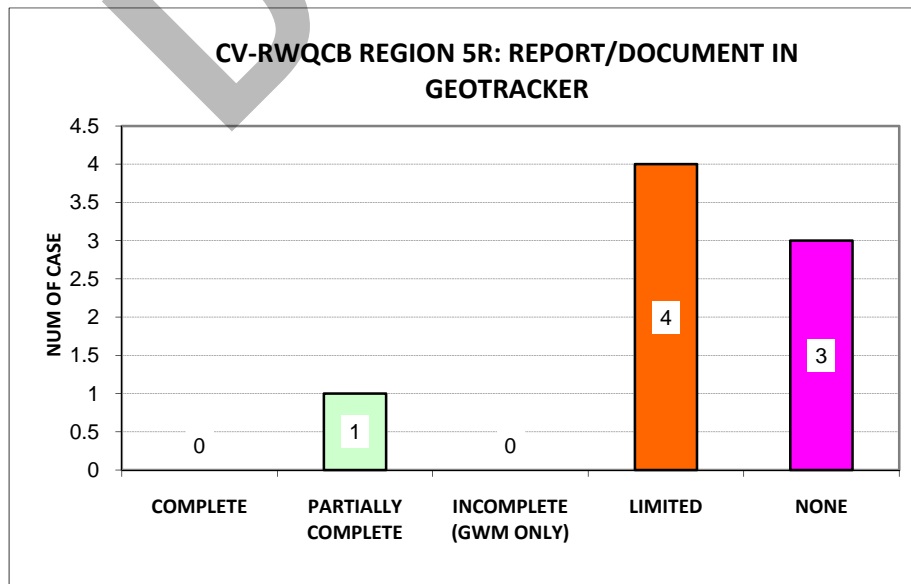
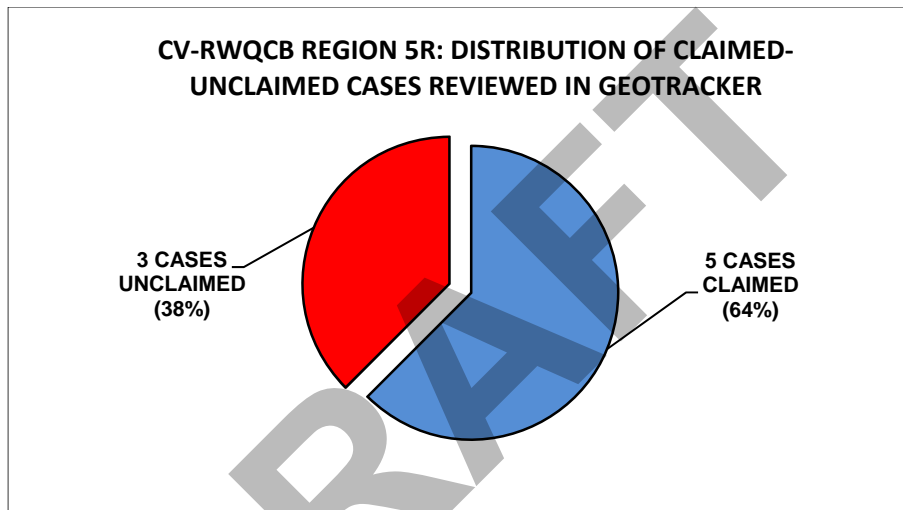


3) APPARENT MAIN BARRIERS (ENVIRONMENTAL AND NON-ENVIRONMENTAL) TO CLOSURE

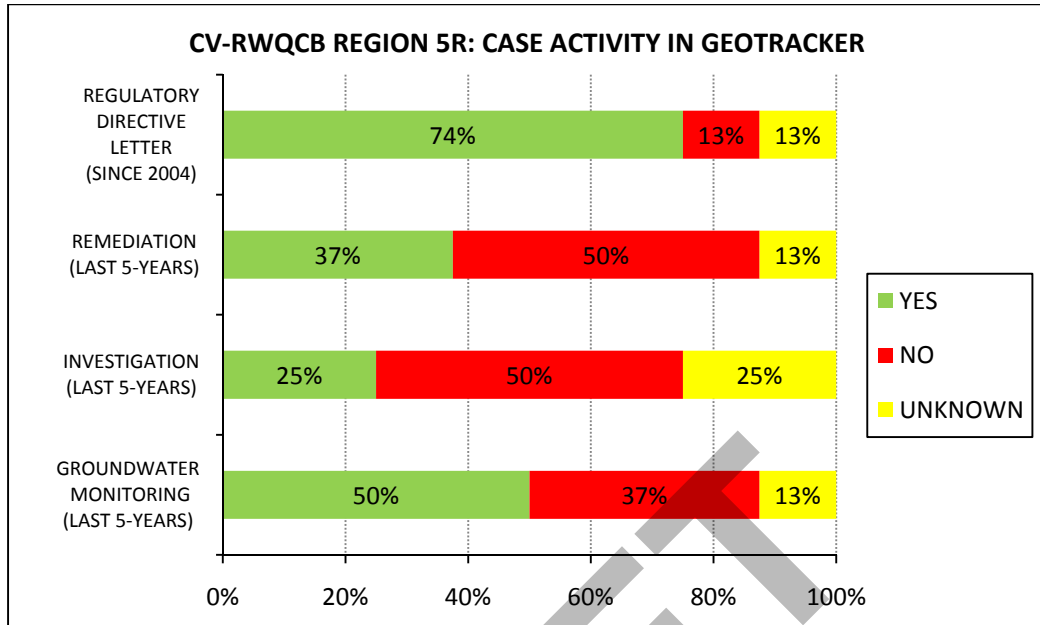
RANK	ENVIRONMENTAL	NUM OF CASE	% OF CASE REVIEWED
1	INCOMPLETE ASSESSMENT	4	50%
2	REMEDIAL CONFIRMATION	2	25%
2	AWAITING WELL ABAONDONMENT	2	25%

RANK	NON-ENVIRONMENTAL	NUM OF CASE	% OF CASE REVIEWED
1	OTHER	3	37%
2	NON-RESPONSIVE RP	2	25%
2	UNKNOWN	2	25%
3	NONE	1	13%

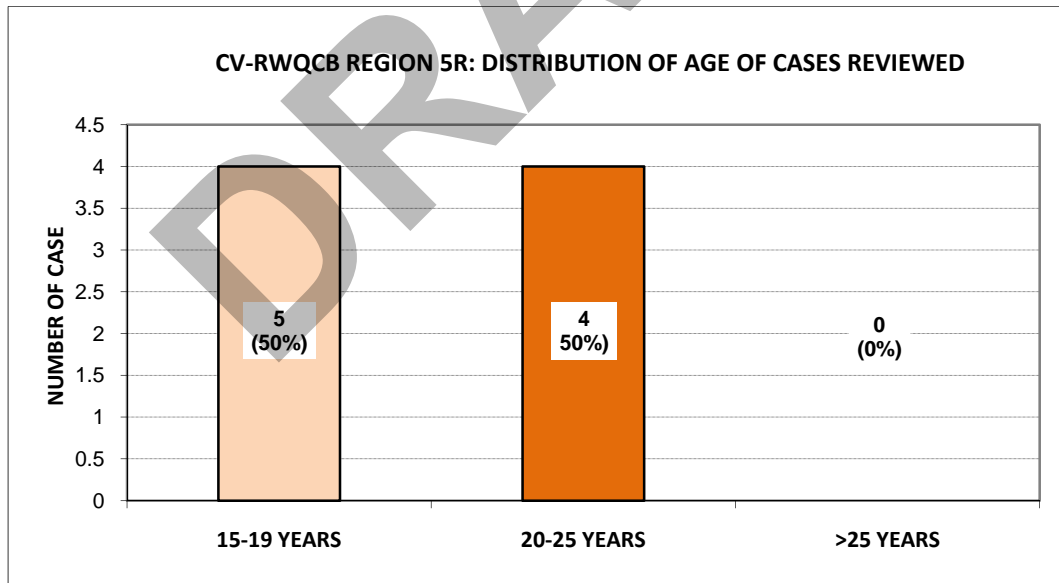
4) DATA IN GEOTRACKER



5) CASE ACTIVITIES IN GEOTRACKER (2004-2009)



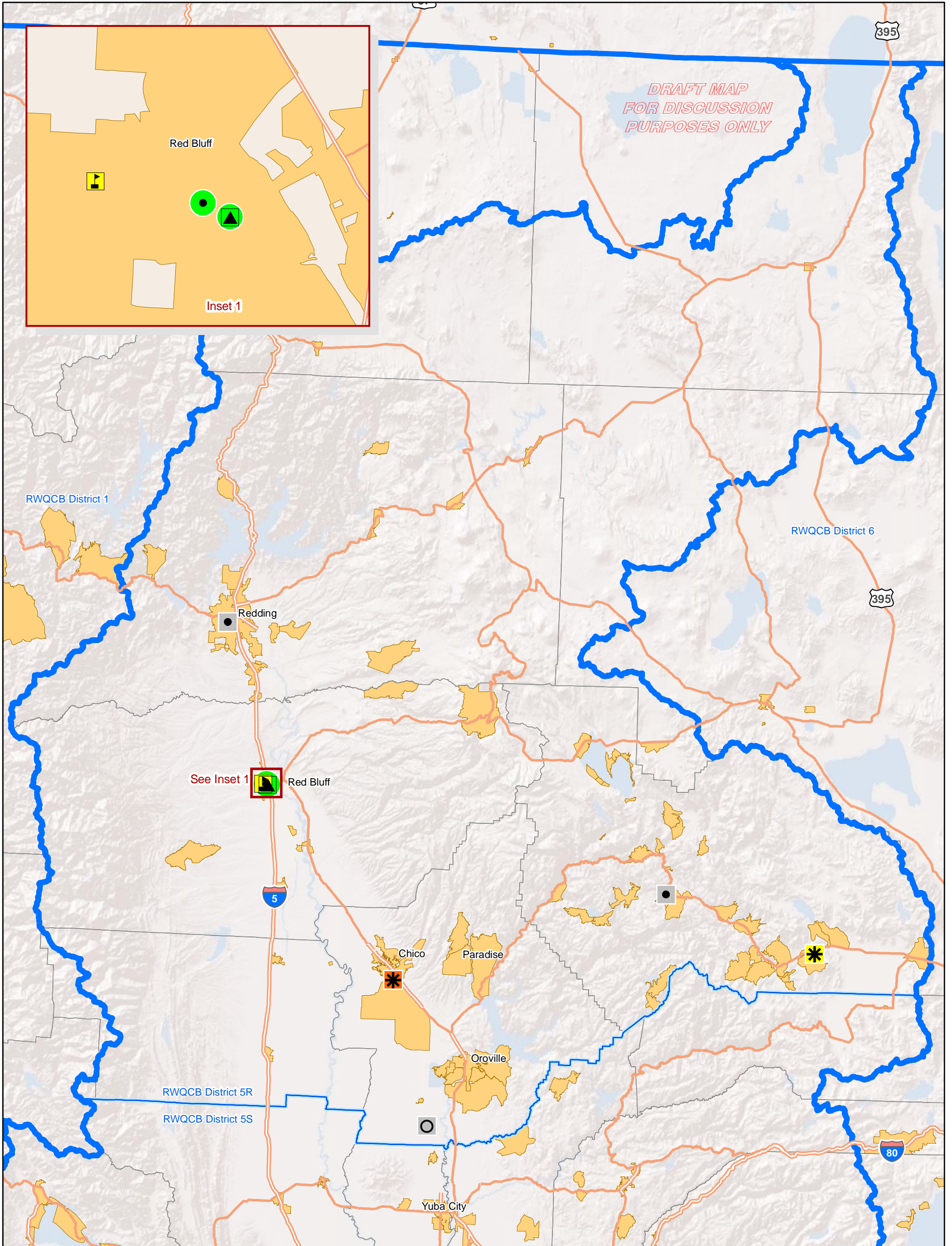
6) AGE OF CASES



**CASE REVIEW SUMMARY TABLE
(CV-RWQCB REGION 5R)**

ESTIMATED STATUS IN THE CLEANUP PIPELINE?	SITE NAME (CASE LEAD AGENCY, CENTRAL VALLEY RWQCB - REGION 5R)	CITY	GLOBAL ID	LOCAL CASE ID (REGION 5R CASE NUMBER)	CASEWORKER	CURRENT CASE STATUS	APPARENT PRIMARY ENVIRONMENTAL BARRIER TO CLOSURE (Identified by Regulatory Agency in GT)	APPARENT NON-ENVIRONMENTAL BARRIER TO CLOSURE (Identified by Regulatory Agency in GT)	PRIMARY COC (In GeoTracker)	APPARENT TYPE OF RP	DOES SITE APPEAR TO HAVE BEEN REDEVELOPED? (LAND USE CHANGED)?	DOES SITE APPEAR TO HAVE CURRENT PETROLEUM USAGE?	CLAIMED IN GEOTRACKER?	GROUNDWATER MONITORING (LAST 5-YEARS)	INVESTIGATION (LAST 5-YEARS)	REMEDIATION (LAST 5-YEARS)	LAST REGULATORY DIRECTIVE LETTER (ANY ISSUED SINCE 2004?)	PERCEPTION OF NEED FOR INCREASED ENFORCEMENT?	DATA IN GEOTRACKER	RELEASE DATE	AGE	NEXT STEP FOR AGENCY
Appears close to completion	ONE STOP (CASE NO. 1)	RED BLUFF	T0610300002	#520002	Eric Rapport	Open - Verification Monitoring	A - Awaiting Well Abandonment	O - Other	Gasoline	S - Small Private Business	No	Yes	No	Yes	No	Yes	Yes	No	Limited	11/18/1986	24	
Appears close to completion	TEHAMA CO SHERIFFS DEPT	RED BLUFF	T0610300083	#520083	Eric Rapport	Open - Verification Monitoring	A - Awaiting Well Abandonment	O - Other	Other	G - Government Entity (include School, Hospital, Utility)	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Limited	12/1/1992	18	
Appears to be on track (based on #520094)	RED BLUFF UNION HIGH SCHOOL -1 (Use case #520094-CUF)	RED BLUFF	T0610300001	#520001	Grant Stein	Open - Verification Monitoring	I - Incomplete Assessment	O - Other	Multiple	G - Government Entity (include School, Hospital, Utility)	No	No	No	Unknown	Unknown	Unknown	Unknown	Unknown	None	1/23/1987	24	
Appears to be on track	UPRR PORTOLA RAILYARD (see also SCP case 2050367)	PORTOLA	T0606300032	#320033	Randy Judge	Open - Site Assessment	R - Remedial Confirmation	N - None	Gasoline	I - Industry (Railroad, Steel etc)	No	Yes	Yes	Yes	Yes	Yes	No	Partially Complete (Missing some data)	11/8/1994	16		
Appears NOT to be on track	Kinder Morgan Energy Partners LP (see also SCP Case 2050093)	CHICO	T0600700020	#040023	Eric Rapport	Open - Remediation	R - Remedial Confirmation	U - Unknown	Other	I - Industry (Railroad, Steel etc)	No	Yes	Yes	Yes	Unknown	Yes	Yes	No	Limited	7/22/1987	23	
Unable to determine (Insufficient information in GeoTracker)	NORTH VALLEY ELECTRIC	GRIDLEY	T0600700047	#040050	Randy Judge	Open - Site Assessment	I - Incomplete Assessment	RP - Non-Responsive RP	Gasoline	O - Other (Individual, Homes etc)	Unknown	No	No	No	No	No	No	Yes	None	2/22/1991	20	
Unable to determine (Insufficient information in GeoTracker)	SHUFFLETON HUGH	REDDING	T0608900157	#450161	Grant Stein	Open - Inactive	I - Incomplete Assessment	RP - Non-Responsive RP	Gasoline	S - Small Private Business	No	Unknown	No	No	No	No	Yes	Yes	None	4/7/1994	17	
Unable to determine (Insufficient information in GeoTracker)	QUINCY BODY SHOP	QUINCY	T0606300035	#320036	Grant Stein	Open - Site Assessment	I - Incomplete Assessment	U - Unknown	Other	S - Small Private Business	No	Yes	Yes	No	No	No	Yes	Yes	Limited	11/22/1995	15	

DRAFT



- | | | | | | |
|--|--|--|--|--|-----------------|
| | G - Government Entity; Utility, Police, etc. | | Appears close to completion | | City/Community |
| | G - Government Entity; School | | Appears to be on track; Appears to be on track | | County Boundary |
| | I - Industry (Railroad, Steel etc) | | Appears NOT to be on track | | |
| | O - Other (Individual, Homes etc) | | Unable to determine (Insufficient information in GeoTracker) | | |
| | S - Small Private Business | | RWQCB District Boundary | | |
| | | | RWQCB Sub-District Boundary | | |

GeoTracker Data Visualization

**REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY – REDDING (REGION 5-R)
GEOTRACKER LOCATIONS OF NON-CUF
CASES OLDER THAN 15 YEARS**

Draft Report

ONE STOP (CASE NO.1) (T0610300002)

714 Walnut Street, Red Bluff, CA 96080



Case Age: 23 years
Primary COC: Gasoline
RP Identified by Regulator: Nella Oil Company & Kuldeep Khinda – **Unclaimed in GeoTracker**
Potential Media Affected: Aquifer used for drinking water supply
Current Land Use: Fuel Retail
Well Network: ?

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 520002
 CASEWORKER: ERIC RAPPORT - SUPERVISOR: NONE SPECIFIED
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 TEHAMA COUNTY
 CASEWORKER: LARRY OLSON - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Multiple releases over time
- Two RPs assigned to site
- Initial remediation efforts incomplete
- Delay in proper well decommissioning post conditional case-closure approval by RWQCB
- *Lack of available money from UST Fund caused RPs to delay additional remediation efforts*

NOTE: Data queried from GeoTracker and reviewed in November 2010

ACTION TYPE	ACTION	ACTION DATE
RESPONSE - OTHER	MW Associated With The GW Investigation & Monitoring of Modern Cleaners	10/4/2010
RESPONSE - OTHER	Monitoring Well Associated With The Number One Stop	8/23/2010
RESPONSE - OTHER	Correspondence	4/18/2009
ENFORCEMENT/ORDERS	Staff Letter	3/11/2009
OTHER REGULATORY ACTIONS	Technical Correspondence / Assistance / Other	3/11/2009
RESPONSE - OTHER	Closure Assessment - Former Nella One-Stop Service Station	11/5/2008
RESPONSE - OTHER	Transmittal Letter, Closure Assessment, UST Case #520002	11/5/2008
RESPONSE - WORKPLANS	Request for Work Plan, Source Removal, (UST Cases 520002 and 520120)	10/31/2008
ENFORCEMENT/ORDERS	Staff Letter	10/7/2008
RESPONSE - OTHER	Amicus letter requesting case closure and rescission of Cleanup and Abatement Order 5-01-726	9/23/2008

Activities Conducted to Date Based on GeoTracker Info T0610300002

Assessment last 5 years

- NFA issued
- Ongoing monitoring

Remediation last 5 years

- Continued Dual Phase Extraction

Assessment older than 5 years

- Soil borings
- Groundwater monitoring well network
- DPE extraction system wells

Remediation older than 5 years

- Dual Phase Extraction, product bailing, and passive skimming
- Minor soil excavation

IMPEDIMENTS TO CLOSURE T0610300002

as reported by regulatory agency

ONE STOP (CASE NO. 1) (T0610300002) - (MAP)

714 WALNUT ST
RED BLUFF, CA 96080
TEHAMA COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 520002
CASEWORKER: ERIC RAPPORT
TEHAMA COUNTY
CASEWORKER: LARRY OLSON

Summary	Closure Review	Cleanup Status History	Regulatory Activities	Environmental Data (ESI)	Site Maps / Documents	Community Involvement
CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 9/11/2009 VIEW ALL POSSIBLE CLOSURE REVIEW VALUES						
IMPEDIMENTS TO CLOSURE						
PROCEDURAL IMPEDIMENTS						
<ul style="list-style-type: none"> Monitoring Wells Not Yet Abandoned - Pre-closure notification sent. 						
BENEFITS OF ADDITIONAL WORK						
<ul style="list-style-type: none"> Other - Pre-closure notification sent. 						
SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT						
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS				
Groundwater	Already Impacted	TPHg, aromatics, and fuel oxygenates. Chlorinated ethenes from off-site source.				

Site History

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

Review Conclusions T0610300002

Closure Review indicates:

- No further action (NFA) requested and granted in 2008
- RWQCB letter (March 2009) stated "Notice of Intent to Grant NFA Requests and Rescind Cleanup and Abatement Order"
- Site had several releases occurred overlapping two identified responsible parties since case opened in 1984
- *Lack of sufficient funds remaining in UST Fund resulted in reduced ongoing remediation efforts*
- Continued groundwater monitoring and natural attenuation resulted in the reduction of plume extent and contaminant concentrations sufficient to reduce need for active remediation
- No reports/documents in GeoTracker, unclaimed case
- *** Oct 2010: DTSC letter requested owner to keep several wells intact for investigation and monitoring of Modern Cleaners Site, Red Bluff, Tehama County**

Discussion:

- Complete case closure

Case appears close to closure

TEHAMA CO SHERIFFS DEPT. (T0610300083)

510 OAK STREET, RED BLUFF, CA 96080

THIS PROJECT IS READ-ONLY - DEPARTMENT OF TOXIC SUBSTANCES CONTROL IS THE LEAD AGENCY FOR THIS PROJECT



Case Age: 17 years
Primary COC: BTEX
RP Identified by Regulator: Tehama Co Sheriffs Dept.
Potential Media Affected: Aquifer used for drinking water supply
Current Land Use: Tehama Co Jail Annex
Well Network: 7

CLEANUP OVERSIGHT AGENCIES
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD)
 CENTRAL VALLEY RWQCB (REGION 5R) - CASE #: 520083
 CASEWORKER: ERIC RAPPORT - SUPERVISOR: NONE SPECIFIED
 TEHAMA COUNTY
 CASEWORKER: LARRY OLSON - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Former site redeveloped with new structure over source area
- Initial investigation and remediation completed by 1998
- GW monitoring is the primary remedial approach since 1998
- *GeoTracker lists DTSC as the lead agency*

ACTIVITIES REPORT		ACTIVITY TYPE FILTER: Show All Activities	Go
ACTION TYPE	ACTION	ACTION DATE	
RESPONSE - OTHER	MW Associated With The GW Investigation & Monitoring of Modern Cleaners	10/4/2010	
RESPONSE - OTHER	Monitoring Well 1 Located on the Property of Tehama County Sheriff's Department	8/23/2010	
RESPONSE - REPORTS	Well Destruction Report	12/23/2009	
RESPONSE - REPORTS	Monitoring Report-Quarterly	10/30/2009	
ENFORCEMENT/ORDERS	Staff Letter	10/5/2009	
RESPONSE REPORTS	Site Assessment Report	*10/31/2009	
ENFORCEMENT/ORDERS	Staff Letter	7/27/2009	
RESPONSE - OTHER	Additional Information Report	11/30/2005	

NOTE: Data queried from GeoTracker and reviewed in November 2009

Activities Conducted to Date Based on GeoTracker Info T0610300083

Assessment last 5 years

- Ongoing monitoring
- Indoor air investigation

Remediation last 5 years

- None

Assessment older than 5 years

- Dual phase extraction wells
- Groundwater monitoring well network
- Indoor air investigation

Remediation older than 5 years

- Dual phase extraction
- Soil excavation

IMPEDIMENTS TO CLOSURE T0610300083

as reported by regulatory agency

TEHAMA CO SHERIFFS DEPT (T0610300083) - (MAP)

502 OAK ST
RED BLUFF, CA 96080
TEHAMA COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD)
CENTRAL VALLEY RWQCB (REGION 5R) - CASE #: 520083
CASEWORKER: ERIC RAPPORT
TEHAMA COUNTY
CASEWORKER: LARRY OLSON

Summary Closure Review Cleanup Status History Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 3/26/2010

[VIEW ALL POSSIBLE CLOSURE REVIEW VALUES](#)

IMPEDIMENTS TO CLOSURE

GROUNDWATER IMPACTS

- Groundwater Impacted Above Background - Aromatics and fuel oxygenates.

PROCEDURAL IMPEDIMENTS

- Monitoring Wells Not Yet Abandoned - Pending decision, 15 Apr 10, may transfer wells with PCE to a nearby dry cleaner case.

BENEFITS OF ADDITIONAL WORK

- Verify Remedial Action Effectiveness - Natural attenuation appears nearly complete following source removal and dual phase extraction. (Attenuation largely due to native degraders.)

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	Aromatics and fuel oxygenates.

NOTES / COMMENTS

Pollution source underlies Tehama County Jail annex. Cumulative potential indoor air risk exists to inmates due both to Benzene and chlorinated ethenes from an off-site source. In 2006, a qualified toxicologist reviewed indoor air sampling and determined no significant cumulative threat. Also, groundwater data show minimal remaining pollution. However, Discharger ceased sampling shortly following the toxicologist's report without requesting no further action. In July 2009, staff requested one more round of verification monitoring pursuant, based on favorable results, to potential case closure.

GROUNDWATER MONITORING FREQUENCY

OF WELLS MONITORED - QUARTERLY : 7

REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING:

- Well Being Sampled for Post-Remedial Action Verification Monitoring - All, for monitored natural attenuation following source removal.
- Other - Potential candidate for no further action. Individual excess lifetime cancer risk statistically insignificant from indoor air exposure in jail annex under investigation due cumulative effects of petroleum, on-site source, and chlorinated ethenes, off-site source. Monitorine currentlv delinauent since 2006.

Site History

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

Review Conclusions T0610300083

Review indicates:

- Lead agency is "DTSC" due to PCE plume?
- Original UST site 1980-1992; USTs were removed in 1992
- Following UST removal impacted soil was excavated, and dual phase extraction (DPE) was initiated by 1993 (by 1996 DPE was no longer effective and terminated)
- Site improvements were constructed in 1993 over former UST location
- GWM and natural attenuation has been primary remedial strategy
- Indoor-air assessments were conducted
- On Oct 2009, RWQCB issued a letter concurring with NFA request and requested for well decommission
- *** Oct 2010: DTSC letter requested owner to keep several wells intact for investigation and monitoring of Modern Cleaners Site, Red Bluff, Tehama County**

Discussion:

- Complete case closure, transfer case to DTSC to continue PCE monitoring

Case closure candidate for petroleum lust portion of site

RED BLUFF UNION HIGH SCHOOL-1 (T0610300001)

(USE CASE #520094: "T0610300094" – In CUF)

1525 Douglas St., Red Bluff, CA 96080



Case Age: 24 years
 Primary COC: Diesel, Gasoline
 RP Identified: Red Bluff Union High School
 – Unclaimed in GeoTracker
 Potential Media Affected: Drinking water supply aquifer
 Current land use: High School
 Well Network: 11

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 520001
 CASEWORKER: GRANT STEIN - SUPERVISOR: NONE SPECIFIED
 TEHAMA COUNTY
 CASEWORKER: LARRY OLSON - SUPERVISOR: NONE SPECIFIED

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 520094
 CASEWORKER: GRANT STEIN - SUPERVISOR: NONE SPECIFIED
 TEHAMA COUNTY
 CASEWORKER: LARRY OLSON - SUPERVISOR: NONE SPECIFIED
 CUF Claim #: 15195 CUF Priority Assigned: C CUF Amount Paid: \$231,510

Possible Reasons Why This Case Is So Old

- Case being cleaned up under #520094
- No reports or data in GeoTracker to evaluate
- Site is a school (RP is local government site)

ACTIVITIES REPORT		ACTIVITY TYPE FILTER:	Show All Activities	Go	* INDICATES A REVISED DUE DATE
ACTION TYPE	ACTION	ACTION DATE	RECEIVED / ISSUE DATE	TITLE / DESCRIPTION	
OTHER REGULATORY ACTIONS	File review	7/15/2008	7/15/2008	Preliminary review for further action (new case worker assignment)	
LEAK ACTION	Leak Discovery	8/4/1994			
LEAK ACTION	Leak Stopped	1/23/1987			
LEAK ACTION	Leak Reported	1/23/1987			

NOTE: Data queried from GeoTracker and reviewed in November 2010

Activities Conducted to Date Based on GeoTracker T0610300001

Assessment last 5 years

- No reports or data in GeoTracker to review

Remediation last 5 years

- GeoTracker entry indicates ozone injection is being conducted

Assessment older than 5 years

- GeoTracker entry indicates initial 1987 assessment (wells)

Remediation older than 5 years

- No reports or data in GeoTracker to review

IMPEDIMENTS TO CLOSURE T0610300001

as reported by regulatory agency

RED BLUFF UNION HIGH SCHOOL -1 (USE CASE #520094) (T0610300001) - (MAP)							
1525 DOUGLAS ST RED BLUFF, CA 96080 TEHAMA COUNTY LUST CLEANUP SITE	CLEANUP OVERSIGHT AGENCIES CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 520001 CASEWORKER: GRANT STEIN TEHAMA COUNTY CASEWORKER: LARRY OLSON						
Summary	Closure Review						
Cleanup Status History	Regulatory Activities						
Environmental Data (ESI)	Site Maps / Documents						
	Involve						
CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 1/6/2010 VIEW ALL POSSIBLE CLOSURE REVIEW VALUES							
IMPEDIMENTS TO CLOSURE GROUNDWATER IMPACTS <ul style="list-style-type: none"> Groundwater Impacted Above Background - Contamination has impacted water quality, and impaired the beneficial uses of the underlying water resource. 							
BENEFITS OF ADDITIONAL WORK <ul style="list-style-type: none"> Protect Designated Beneficial Uses - Protection of the beneficial uses of the waters of the State is one of our mandates, we cannot close a site that does not fulfill this requirement. Restore Beneficial Uses - Protection of the beneficial uses of the waters of the State is one of our mandates, we cannot close a site that does not fulfill this requirement. 							
SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT <table border="1"> <thead> <tr> <th>SENSITIVE RECEPTOR</th> <th>TIME FRAME FOR IMPACT</th> <th>COMMENTS</th> </tr> </thead> <tbody> <tr> <td>Groundwater</td> <td>Already Impacted</td> <td>n/a</td> </tr> </tbody> </table>		SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS	Groundwater	Already Impacted	n/a
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS					
Groundwater	Already Impacted	n/a					
GROUNDWATER MONITORING FREQUENCY # OF WELLS MONITORED - QUARTERLY : 11 REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING: <ul style="list-style-type: none"> Well Being Sampled During Remedial Action for Progress Assessment - Ozone injection being conducted at site as part of remedial action. Discharger recommends continuing quarterly monitoring of all site MWs to assess progress/effectiveness of treatment. 							
Site History The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.							

Review Conclusions T0610300001

Review indicates:

- GeoTracker indicates "USE CASE #520094 – RED BLUFF UNION HIGH SCHOOL-2 (T0610300094)" – case in CUF
- No reports/documents/letters in GeoTracker to review (multiple GWM and other reports, and letters in #520094)

Discussion:

- Delete this case and/or consolidate this case with #520094 (T0610300094) - CUF

Using information from #520094 – case appears to be on track

UPRR PORTOLA RAILYARD (T0606300032)

1 Park St., Portola, CA 96122 (see also SCP Case 2050367)



NOTE: Appears same as case 2050367 (T10000000278)?

Case Age: 16 years

Primary COC: Gasoline

RP Identified: Union Pacific Railroad

Potential Media Affected: Drinking water supply aquifer

Current land use: Industrial (Railyard)

Well Network: 30

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 320033
 CASEWORKER: [RANDY JUDGE](#) - SUPERVISOR: NONE SPECIFIED
 PLUMAS COUNTY
 CASEWORKER: [GERALD SIPE](#) - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Multiple investigations over time
- Multiple source areas and periods of remediation
- Limited access with seasonal weather challenges
- Has ongoing site remediation activities
- Contamination source remains – threat to GW

NOTE: Data queried from GeoTracker and reviewed in November 2010

ACTIVITIES REPORT		ACTIVITY TYPE FILTER: <input type="button" value="Show All Activities"/>	<input type="button" value="Go"/>
ACTION TYPE	ACTION	ACTION DATE	
RESPONSE - REPORTS	Monitoring Report - Quarterly	7/30/2010	
RESPONSE - REPORTS	Monitoring Report-Quarterly	1/30/2010	
RESPONSE - REPORTS	Monitoring Report-Quarterly	10/30/2009	
ENFORCEMENT/ORDERS	Staff Letter	9/22/2009	
RESPONSE - REPORTS	Monitoring Report-Quarterly	7/30/2009	
RESPONSE - REPORTS	Monitoring Report - Quarterly	4/30/2009	
RESPONSE - REPORTS	Monitoring Report - Quarterly	1/30/2009	
RESPONSE - REPORTS	Soil stockpile remediation progress report	*2/27/2009	
RESPONSE - REPORTS	Investigation Progress Report	12/14/2008	
RESPONSE - WORKPLANS	Interim Remedial Action Plan	12/14/2008	
RESPONSE - REPORTS	Monitoring Report - Quarterly	10/30/2008	

Activities Conducted to Date Based on GeoTracker T0606300032

Assessment last 5 years

- Multiple phases of investigation
- GWM

Remediation last 5 years

- Additional excavation near river, some dirt disposed of, some remediating onsite
- Cut-off wall and SVE/GWE system ongoing

Assessment older than 5 years

- Multiple phases of investigation
- GWM

Remediation older than 5 years

- UST/AST removals
- Waste oil pond excavation

IMPEDIMENTS TO CLOSURE T0606300032

as reported by regulatory agency

UPRR PORTOLA RAILYARD (SEE ALSO SCP CASE 2050367) (T0606300032) - (MAP)

1 PARK ST
PORTOLA, CA 96122
PLUMAS COUNTY
LUST CLEANUP SITE
[ASSOCIATED ENVIROSTOR PROJECTS](#)

CLEANUP OVERSIGHT AGENCIES
CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 320033
CASEWORKER: [BANDY JUDGE](#)
PLUMAS COUNTY
CASEWORKER: [GERALD SIFE](#)

Summary	Closure Review	Cleanup Status History	Regulatory Activities	Environmental Data (ESI)	Site Maps / Documents	Community Involvement						
<p>CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 1/6/2010 VIEW ALL POSSIBLE CLOSURE REVIEW VALUES</p> <p>IMPEDIMENTS TO CLOSURE</p> <p>INADEQUATE SOURCE CONTROL</p> <ul style="list-style-type: none"> Remaining Source Poses Threat to Groundwater - <i>Remaining Source Poses Threat to Groundwater</i> <p>GROUNDWATER IMPACTS</p> <ul style="list-style-type: none"> Groundwater Impacted Above Other Cleanup Goal - <i>Groundwater Impacted Above Other Cleanup Goal</i> <p>BENEFITS OF ADDITIONAL WORK</p> <ul style="list-style-type: none"> Remove / Reduce Source Mass - <i>Remove / Reduce Source Mass</i> Protect Designated Beneficial Uses - <i>Protect Designated Beneficial Uses</i> Protect Ecological Receptors - <i>site on the bank of the Feather River</i> <p>SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT</p> <table border="1"> <thead> <tr> <th>SENSITIVE RECEPTOR</th> <th>TIME FRAME FOR IMPACT</th> <th>COMMENTS</th> </tr> </thead> <tbody> <tr> <td>Groundwater</td> <td>Already Impacted</td> <td>site on the bank of the Feather River</td> </tr> </tbody> </table>							SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS	Groundwater	Already Impacted	site on the bank of the Feather River
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS										
Groundwater	Already Impacted	site on the bank of the Feather River										
<p>GROUNDWATER MONITORING FREQUENCY</p> <p># OF WELLS MONITORED - QUARTERLY : 5, SEMI-ANNUALLY : 19</p> <p>REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING:</p> <ul style="list-style-type: none"> Well Being Sampled During Remedial Action for Progress Assessment - <i>Well Being Sampled During Remedial Action for Progress Assessment</i> 												
<p>Site History</p> <p>The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.</p>												

Review Conclusions T0606300032

Review indicates:

- **APPEARS SAME AS CASE 2050367 (T1000000278) - ?**
- Former railroad maintenance yard and active turntable
- Multiple source areas of various petroleum hydrocarbons
- Several USTs removed and five waste oil ponds excavated
- Extensive boring and monitoring well network
- Cut-off wall constructed to impede chemical migration offsite
- SVE and GW extraction systems implemented and ongoing

Discussion:

- Consolidate with T1000000278? Compare both cases progress
- Evaluate effectiveness - cut off wall and GWE system
- Estimated timeline to reach cleanup goals → rebound monitoring/monitoring frequency reduction

Case does not appear ready for closure, but on track

KINDER MORGAN ENERGY PARTNERS LP (T0600700020)

2570 HEGAN LN, CHICO, CA 95926 (case related to SCP Case # 2050093)



Case Age: 23 years
Primary COC: Fuel Oxygenates
RP Identified by Regulator: Kinder Morgan
Potential Media Affected: Aquifer used for drinking water supply
Current Land Use: Bulk fuel storage terminal
Well Network: 33 wells



CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 040023
 CASEWORKER: ERIC RAPPORT - SUPERVISOR: NONE SPECIFIED
 BUTTE COUNTY
 CASEWORKER: LESLIE ROBERTS - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Large volume liquid release(s) over time
- COC are primarily highly mobile fuel oxygenates
- Variable and complex hydrogeology – two GW zones
- Large groundwater plume(s) containing NAPL
- Offsite private wells/properties impacted
- SVE system seasonally ineffective
- Potential offsite sources (comingled plume?)
- Recent detection of new constituent (TCE)

NOTE: Data queried from GeoTracker and reviewed in November 2010

ACTIVITIES REPORT		ACTIVITY TYPE FILTER: Show /
ACTION TYPE	ACTION	ACTION DATE
RESPONSE - REPORTS	Monitoring Report - Semiannual	7/30/2010
RESPONSE - REPORTS	Monitoring Report - Semiannual	1/30/2010
RESPONSE - REPORTS	Monitoring Report - Semiannual	7/30/2009
ENFORCEMENT/ORDERS	Staff Letter	7/28/2009
RESPONSE - REPORTS	Monitoring Report - Semiannual	1/30/2009
RESPONSE - REPORTS	Monitoring Report - Semiannual	7/30/2008
ENFORCEMENT/ORDERS	Staff Letter	2/7/2008
RESPONSE - REPORTS	Monitoring Report - Semiannual	1/30/2008
ENFORCEMENT - OTHER	* No Action	7/24/2003
ENFORCEMENT/ORDERS	Clean-up and Abatement Order - #99-711	3/20/2002
CLEANUP ACTION	Vacuum Extract	10/15/2001
ENFORCEMENT/ORDERS	* Historical Enforcement	4/28/1999
ENFORCEMENT - OTHER	* No Action	4/28/1999
LEAK ACTION	Leak Discovery	7/22/1987
LEAK ACTION	Leak Stopped	7/22/1987
LEAK ACTION	Leak Reported	7/22/1987

Activities Conducted to Date Based on GeoTracker Info T0600700020

Assessment last 5 years

- Ongoing monitoring
- Other?

Remediation last 5 years

- Unclear - None or maybe ongoing?

Assessment older than 5 years

- Soil borings
- Groundwater monitoring well network (A&B zones)
- Offsite assessment
- Corrective Action Plan
- SVE extraction system pilot test

Remediation older than 5 years

- Dual phase extraction
- Soil vapor extraction
- Groundwater extraction
- Soil excavation

IMPEDIMENTS TO CLOSURE T0600700020

as reported by regulatory agency

Summary	Closure Review	Cleanup Status History	Regulatory Activities	Environmental Data (ESI)	Site Maps / Documents	Community Involvement						
<p>CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 8/27/2009 VIEW ALL POSSIBLE CLOSURE REVIEW VALUES</p>												
<p>IMPEDIMENTS TO CLOSURE</p> <p>GROUNDWATER IMPACTS</p> <ul style="list-style-type: none"> Groundwater Impacted Above Other Cleanup Goal - <i>TPHg, aromatics, and fuel oxygenates</i> <p>PROCEDURAL IMPEDIMENTS</p> <ul style="list-style-type: none"> Regional Water Board Objects to Closure - <i>Active Cleanup and Abatement Order</i> 												
<p>BENEFITS OF ADDITIONAL WORK</p> <ul style="list-style-type: none"> Verify Remedial Action Effectiveness - <i>The Discharger has cost-effectively operated a dual phase extraction (DPE) system for several years. Remaining pollutant mass may be cost-ineffective with DPE; the Discharger is now considering conversion to air sparge. Continued monitoring will allow assessment of resulting bio-stimulation</i> Protect Existing Water Supply Wells - <i>Shallow groundwater flow is toward the nearby Skyway Homes Subdivision, with about 40 private domestic wells. Continued monitoring is warranted under an established contingency plan. (Plan is subject to revision.)</i> 												
<p>SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT</p> <table border="1"> <thead> <tr> <th>SENSITIVE RECEPTOR</th> <th>TIME FRAME FOR IMPACT</th> <th>COMMENTS</th> </tr> </thead> <tbody> <tr> <td>Groundwater</td> <td>Already Impacted</td> <td>TPH, aromatics, fuel oxygenates</td> </tr> </tbody> </table>							SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS	Groundwater	Already Impacted	TPH, aromatics, fuel oxygenates
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS										
Groundwater	Already Impacted	TPH, aromatics, fuel oxygenates										
<p>NOTES / COMMENTS</p> <p>Site is an active fuel pipeline terminal with ongoing, occasional spills, typically near loading racks and manifold area. Shallow unconfined groundwater, with southerly gradient, is toward nearby receptor wells. Deeper, confined groundwater, with west-southwesterly flow, is not toward these wells.</p>												
<p>GROUNDWATER MONITORING FREQUENCY</p> <p># OF WELLS MONITORED - QUARTERLY : 31, SEMI-ANNUALLY : 10, ANNUALLY : 8</p> <p>REASONS FOR QUARTERLY OR MONTHLY OR OTHER GROUNDWATER MONITORING:</p> <ul style="list-style-type: none"> Well Is Last Point of Monitoring Prior to possible impact to Receptor - <i>LF-40 A,B, LF-16, LF-39 A,B,C, LF-15, LF-38 A,B,C, LF-14, LF-42, LF-41, LF-37 A,B,C, LF-22, LF-21, LF-20, along Hegan Lane, protect about 40 private domestic wells in the Skyway Homes Subdivision. Also, Kinder Morgan has sampled three domestic wells monthly to quarterly due to potential fuel oxygenate dispersion from their fuel terminal. However, as dictated by Department of Toxic Substances Control, the subdivision now has piped potable water and off-site monitoring wells due to discovery of chlorinated ethenes from an up-gradient source, the former Combustion Engineering plant, now Smuckers juice plant, on Speedway. Ethenes indicate potential pathways of fuel oxygenates from the Kinder Morgan fuel terminal into the subdivision at depth are unlikely.</i> 												
<p>Site History</p> <p>The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.</p>												

Review Conclusions T0600700020

Review indicates:

- In 2006, letter indicated ASTs and piping on-site
- Case is from a 2,000-gal UST removal in 1987
- Large volume liquid releases over time
- Site is an active fuel pipeline terminal with high potential for continued releases
- Site has complex hydrogeology with two groundwater zones
- Adjacent to residential area with 40+ private wells (a portion already impacted)
- Several large adjacent RPs with similar petroleum groundwater plumes
- Recent detection of additional COC, TCE – might be result of offsite source
- Shallow groundwater (zone A) has been adequately investigated; deeper groundwater (zone B) may warrant additional investigation
- Limited case information available in GeoTracker

Discussion:

- Has the remediation for the UST leak (1987) portion been completed?
- Evaluate overall effectiveness of remediation

Not a case closure candidate, not on track for closure in near future

NORTH VALLEY ELECTRIC (T0600700047)

1290 HWY 99, Gridley, CA 95948



Case Age: 20 years
Primary COC: Gasoline
RP Identified: Stanley Waterbury – **Unclaimed in GeoTracker**
Potential Media Affected: Other groundwater (uses than drinking water supply)
Current land use: Farmland/commercial
Well Network: N/A

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 040050
 CASEWORKER: RANDY JUDGE - SUPERVISOR: NONE SPECIFIED
 BUTTE COUNTY
 CASEWORKER: LESLIE ROBERTS - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Appears lack of regulatory oversight or enforcement
- Recalcitrant RP – no involvement
- No reports/documents/letters in GeoTracker
- Appears no work performed at this site
- Contamination remains undefined



NOTE: Data queried from GeoTracker and reviewed in November 2010

ACTIVITIES REPORT		ACTIVITY TYPE FILTER: Show All Activities
ACTION TYPE	ACTION	ACTION DATE
LEAK ACTION	Leak Stopped	1/16/2001
LEAK ACTION	Leak Discovery	2/22/1991
LEAK ACTION	Leak Reported	2/22/1991
ENFORCEMENT - OTHER	* No Action	1/1/1965

Activities Conducted to Date Based on GeoTracker

T0600700047

Assessment last 5 years

- Appears none

Remediation last 5 years

- Appears none

Assessment older than 5 years

- Appears none

Remediation older than 5 years

- Appears none

IMPEDIMENTS TO CLOSURE T0600700047 as reported by regulatory agency

NORTH VALLEY ELECTRIC (T0600700047) - (MAP)

1290 HWY 99
GRIDLEY, CA 95948
BUTTE COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 040050
CASEWORKER: [RANDY JUDGE](#)
BUTTE COUNTY
CASEWORKER: [LESLIE ROBERTS](#)

Summary Closure Review Cleanup Status History Regulatory Activities Environmental Data (ESI) Site Maps / Documents  Closure Review

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 5/6/2010

[VIEW ALL POSSIBLE CLOSURE REVIEW VALUES](#)

IMPEDIMENTS TO CLOSURE

PROCEDURAL IMPEDIMENTS

- Non-Responsive and / or Recalcitrant Responsible Party - Non-Responsive and / or Recalcitrant Responsible Party

BENEFITS OF ADDITIONAL WORK

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

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Undetermined	Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants

Site History

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

Review Conclusions T0600700047

Review indicates:

- Appears that no activity has occurred between 1991 and present
- GeoTracker indicates groundwater has been impacted
- No reports/documents/letters in GeoTracker to evaluate case status
- Closure Review entry indicates recalcitrant RP

Discussion:

- Any case information available?
- RP and GeoTracker compliance issues to be resolved?
- Assessment/cleanup approach and timeline
- Possible closure option?
- Consider enforcement actions if not closeable

Insufficient information to determine case status

SHUFFLETON HUGH (T0608900157)

1100 Fell St., Redding, CA 96001



Case Age: 17 years
 Primary COC: Gasoline
 RP Identified: Hugh Shuffleton – **Unclaimed in GeoTracker**
 Potential Media Affected: Drinking water supply aquifer
 Current land use: Commercial
 Well Network: N/A

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 450161
 CASEWORKER: GRANT STEIN - SUPERVISOR: NONE SPECIFIED
 SHASTA COUNTY
 CASEWORKER: MARK CRAMER - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- Appear to have limited assessment/cleanup activity between 1994 and 2005
- Recalcitrant RP, unclaimed site in GeoTracker
- Case status: Open – Inactive?
- No report/document in GeoTracker
- Extent of contamination remains undefined

NOTE: Data queried from GeoTracker and reviewed in November 2010

ACTIVITIES REPORT		ACTIVITY TYPE FILTER: Show All Activities
ACTION TYPE	ACTION	ACTION DATE
OTHER REGULATORY ACTIONS	File review	6/12/2008
RESPONSE - WORKPLANS	Preliminary Site Assessment Workplan	1/31/2006
ENFORCEMENT/ORDERS	Staff Letter	12/6/2005
OTHER REGULATORY ACTIONS	File review	11/21/2005
RESPONSE - WORKPLANS	Preliminary Site Assessment Workplan	7/30/1994
ENFORCEMENT/ORDERS	Staff Letter	5/3/1994
LEAK ACTION	Leak Reported	4/7/1994
LEAK ACTION	Leak Discovery	3/11/1994
LEAK ACTION	Leak Stopped	3/11/1994

Activities Conducted to Date Based on GeoTracker T0608900157

Assessment last 5 years

- 2008 regulatory letter request for information

Remediation last 5 years

- Appears none

Assessment older than 5 years

- Appears none

Remediation older than 5 years

- Appears none

IMPEDIMENTS TO CLOSURE T0608900157

as reported by regulatory agency

SHUFFLETON HUGH (T0608900157) - (MAP)

1100 FELL
REDDING, CA 96001
SHASTA COUNTY
LUST CLEANUP SITE

CLEANUP OVERSIGHT AGENCIES
CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 450161
CASEWORKER: GRANT STEIN
SHASTA COUNTY
CASEWORKER: MARK CRAMER

Summary Closure Review Cleanup Status History Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement

CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 1/6/2010

[VIEW ALL POSSIBLE CLOSURE REVIEW VALUES](#)

IMPEDIMENTS TO CLOSURE

PROCEDURAL IMPEDIMENTS

- Non-Responsive and / or Recalcitrant Responsible Party - RP non-responsive and uncooperative.

BENEFITS OF ADDITIONAL WORK

- Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - A complete CSM is necessary to assure protection of water quality and human health, which are requirements for closure.
- Protect Designated Beneficial Uses - Protection of the beneficial uses of the waters of the State is one of our mandates, we cannot close a site that does not fulfill this requirement.
- Restore Beneficial Uses - Protection of the beneficial uses of the waters of the State is one of our mandates, we cannot close a site that does not fulfill this requirement.

SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT

SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	n/a

Site History

The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

Review Conclusions T0608900157

Review indicates:

- No reports/documents in GeoTracker → only 1 RWQCB letter (2005) requesting RP for information and preliminary site investigation
- Cleanup Status: Open – Inactive as of 1/6/2010
- Recalcitrant RP
- March 1994, Shasta County Environmental Health Division reported pollution in GW related to a former UST at this site

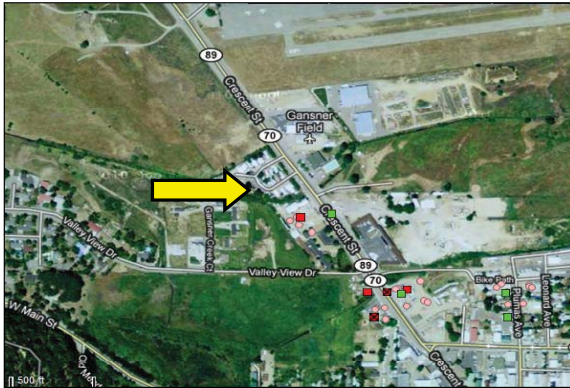
Discussion:

- Any case information available? (Inactive case status)
- RP and GeoTracker compliance issues to be resolved?
- Cleanup approach and closure timeline to be established?
- Consider enforcement options for recalcitrant RP?

Insufficient information to determine case status

QUINCY BODY SHOP (T0606300035)

289 Crescent St., Quincy, CA 95971



Case Age: 15 years
 Primary COC: Diesel (or heating oil? – Is this a Federal Leaking UST tank case?)
 RP Identified: Allied Petroleum
 Potential Media Affected: Soil
 Current land use: Fuel station (CFN)
 Well Network: N/A

CLEANUP OVERSIGHT AGENCIES
 CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 320036
 CASEWORKER: GRANT STEIN - SUPERVISOR: NONE SPECIFIED
 PLUMAS COUNTY
 CASEWORKER: GERALD SIPE - SUPERVISOR: NONE SPECIFIED

Possible Reasons Why This Case Is So Old

- May be part of another case with same address SLT5R9112887 (Allied Washoe) and investigated under that case
- No reports/documents in GeoTracker
- Appears very limited assessment activity conducted at site
- Heating oil, soil only case



ACTION TYPE	ACTION	ACTION DATE	RECEIVED / ISSUE DATE	TITLE / DESCRIPTION
ENFORCEMENT/ORDERS	Staff Letter	1/5/2007	1/5/2007	Delinquent Geotracker Electronic Submittals
LEAK ACTION	Leak Reported	11/22/1995		
LEAK ACTION	Leak Discovery	10/26/1995		
LEAK ACTION	Leak Stopped	10/26/1995		

NOTE: Data queried from GeoTracker and reviewed in November 2010

Activities Conducted to Date Based on GeoTracker T0606300035

Assessment last 5 years

- No reports to review
- 2007 regulatory letter requesting delinquent GeoTracker submittals
- Raw data indicates GWM

Remediation last 5 years

- No reports or data to review

Assessment older than 5 years

- No reports to review

Remediation older than 5 years

- No reports or data to review

IMPEDIMENTS TO CLOSURE T0606300035

as reported by regulatory agency

QUINCY BODY SHOP (T0606300035) - (MAP)		
289 CRESCENT ST QUINCY, CA 95971 PLUMAS COUNTY LUST CLEANUP SITE	CLEANUP OVERSIGHT AGENCIES CENTRAL VALLEY RWQCB (REGION 5R) (LEAD) - CASE #: 320036 CASEWORKER: GRANT STEIN PLUMAS COUNTY CASEWORKER: GERALD SIPE	
Summary	Closure Review	Cleanup Status History
CLOSURE REVIEW - THIS CASE IS NOT READY FOR CLOSURE AS OF 1/7/2010 VIEW ALL POSSIBLE CLOSURE REVIEW VALUES		
IMPEDIMENTS TO CLOSURE SITE ASSESSMENT INCOMPLETE • Incomplete Conceptual Site Model (CSM) - <i>Evaluation of risk to human health and the environment cannot be completed until the CSM is complete. Remedial alternatives for restoration of the beneficial uses of the waters of the state cannot be effectively evaluated until the CSM is complete.</i>		
BENEFITS OF ADDITIONAL WORK • Complete CSM and Our Understanding of Hydrogeologic Regime and Fate and Transport of Contaminants - <i>A complete CSM is necessary to assure protection of water quality and human health, which are requirements for closure.</i>		
SENSITIVE RECEPTORS LIKELY TO BE IMPACTED AND TIME FRAME FOR IMPACT		
SENSITIVE RECEPTOR	TIME FRAME FOR IMPACT	COMMENTS
Groundwater	Already Impacted	n/a
Site History Former heating oil tank. Investigated as part of Allied Bulk Plant investigation. See Allied site investigation for further information. Staff finds no threat to human health or environment.		

Review Conclusions T0606300035

Review indicates:

- **Same address as case #SLT5R9112887 (Allied Washoe)**
- No reports/documents in GeoTracker to review → only one letter from RWQCB (2007) informing RP of *“Delinquent GeoTracker Electronic Submittals”*
- Limited groundwater data
- GeoTracker indicates a leaking heating oil tank, soils only case (Federal leaking UST tank site? May not meet Federal definition)
- 2009 raw GW data reports detected concentrations of TPH-d, TPH-g, benzene, and MtBE → results suggest impacts from Allied bulk plant (not from a heating oil UST)
- In Case Summary Site History: *“staff finds no threat to human health or environment”* but in Closure Review *“evaluation of risk to human health and the environment cannot be completed until the CSM is complete”* - ?

Discussion:

- Is this UST case being investigated further under another case #, any results?
- Cleanup timeline and/or potential to close as a “soils only” case?

Insufficient information to determine case status