

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
October 3-4, 2013

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SUCCESS STORIES

1. **Electronic NOI for Irrigated Lands Enrollment**

Irrigated Lands Regulatory Program staff worked with the State Water Board to set up an electronic Notice of Intent (NOI) system that allows growers to submit their NOI online to get regulatory coverage for the Eastern San Joaquin River Watershed WDRs. The web page can be viewed at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_land/app_approval/index.shtml; click the hyperlink associated with "Step 2" to see the eNOI form. The electronic NOI system is a simplified version of a similar system that is being used by Central Coast growers to enroll in the Central Coast Water Board's program. About 30 landowners in the Eastern San Joaquin River Watershed have used the system so far. The new system should increase the efficiency of getting growers signed up; enhance our capability to track and report on the status of NOIs; and reduce data errors. Staff plans to work with State Water Board to get the same capability for the other upcoming Orders. Dana Kulesza was the lead staff person who coordinated with State Water Board staff on this project

2. **Stipulated ACL Order issued to the Riviera West Mutual Water Company, Domestic Water Treatment Plant, Lake County.**

On 4 September 2013, the Assistant Executive Officer issued Stipulated ACLO R5-2013-0571 for Mandatory Minimum Penalties in the amount of \$2,844,000 for failure to submit monitoring reports and violations of effluent limitations from the Riviera West domestic water treatment plant. The effluent violations for pH, dissolved oxygen, chlorine, aluminum, and bromodichloromethane occurred between 1 December 2003 and 30 June 2006, while the reporting violations occurred between 1 January 2004 and 1 August 2007, when the NPDES permit expired. The Stipulated ACLO suspends the \$2,844,000 penalty if (a) a majority of the current shareholders of Riviera West vote to approve the conversion of Riviera West from a general stock corporation to a nonprofit mutual benefit corporation, (b) the converted public entity continues to request approximately \$2.5 million in public funding from the California Department of Public Health to upgrade the Riviera West drinking water plant, and (c) the converted public entity commits in writing to use the grant funds to upgrade the drinking water plant. If the above actions do not occur in a timely manner, the Stipulated Order will be void and the matter will be brought to the Central Valley Board for a hearing

3. **ACL Order issued to the City of Rio Vista, Rio Vista Beach Treatment Plant, Solano County**

On 4 September 2013, the Assistant Executive Officer issued ACLO R5-2013-0572 for Mandatory Minimum Penalties in the amount of \$15,000 for violations of effluent limitations from the Beach wastewater treatment plant. The effluent violations for total chlorine residual and biochemical oxygen demand occurred between October 2010 and 31 March 2013. The City of Rio Vista is a small community with a financial hardship, and therefore the Order allows the penalty to be credited towards compliance projects to upgrade the power transfer unit, the dechlorination system, and the aeration basin. The ACLO suspends the \$15,000 penalty pending completion of the compliance project.

4. **ACL Order issued to the River Highlands Community Services District, County of Yuba and Gold Village Land Development, LLC, Hammonton Gold Village Wastewater Treatment Plant, Yuba County**

On 4 September 2013, the Assistant Executive Officer issued ACLO R5-2013-0574 for Mandatory Minimum Penalties in the amount of \$15,000 for violations of effluent limitations from the Hammonton Gold Village wastewater treatment plant. The effluent violations for turbidity, coliform, ammonia, and settleable solids occurred between 1 January 2008 and 31 May 2013. The Hammonton Gold wastewater treatment plant serves a small community with a financial hardship, and therefore the Order allows the penalty to be credited towards compliance projects to upgrade the dissolved oxygen sensor and the aeration basin dissolved oxygen controls. The ACLO suspends the \$15,000 penalty pending completion of the compliance project.

5. **ACL Order issued to the Linda County Water District, Wastewater Treatment Plant, Yuba County.**

On 4 September 2013, the Assistant Officer issued ACLO R5-2013-0573 for Mandatory Minimum Penalties in the amount of \$150,000 for violations of effluent limitations from the Linda County wastewater treatment plant. The effluent violations for chlorine, electrical conductivity, biological oxygen demand, pH, dichlorobromomethane, chloroform, organochlorine pesticides, total coliform, and zinc occurred between 1 December 2010 and 31 March 2013. The ACLO suspends \$82,500 of the penalty amount pending completion of a Supplemental Environmental Project to make improvements to the sewer collection system, and requires payment of \$67,500.

6. **ACL Order issued to the County of Placer Department of Facility Services, Sewer Maintenance District No. 1 Wastewater Treatment Plant.** On 4 September 2013, the Assistant Executive Officer issued ACLO R5-2013-0575 for Mandatory Minimum Penalties in the amount of \$207,000 for violations of effluent limitations from the Sewer Maintenance District No. 1 wastewater treatment plant. The effluent violations for aluminum, chloroform, lead, mercury, nitrate plus nitrite, and total coliform occurred between 30 April 2011 and 31 May 2013. The ACLO suspends \$111,000 of the penalty amount pending completion of a Supplemental Environmental Project to regionalize the wastewater treatment plant, and requires payment of \$96,000.
7. **ACL Order issued to the County of Placer Department of Facility Services, Sewer Maintenance District No. 3 Wastewater Treatment Plant.** On 4 September 2013, the Assistant Executive Officer issued ACLO R5-2013-0576 for Mandatory Minimum Penalties in the amount of \$171,000 for violations of effluent limitations from the Sewer Maintenance District No. 3 wastewater treatment plant. The effluent violations for ammonia, aluminum, biochemical oxygen demand, dibromochloromethane, and dichlorobomomethane, occurred between 1 June 2011 and 31 May 2013. The ACLO suspends \$93,000 of the penalty amount pending completion of a Supplemental Environmental Project to regionalize the wastewater treatment plant, and requires payment of \$78,000.
8. **ACL Order issued to Diestel Turkey Ranch, Tuolumne County**
On 30 August 2013, the Assistant Executive Officer issued ACLO R5-2013-0543 in the amount of \$60,000 for the unpermitted discharge of manure and turkey processing waste from the Diestel Turkey Ranch slaughterhouse and confined animal units to waters of the State. The discharge occurred between 15 December 2010 and 7 January 2011. The ACLO stipulates that Diestel shall pay \$26,000 to the Tuolumne County Resource Conservation District (TCRCD) for completion of a Supplemental Environmental Project (SEP) consisting of the purchase of monitoring and laboratory equipment for the TCRCD Stream Team. The SEP monies will facilitate monitoring of water quality in the Phoenix Reservoir watershed and surrounding watersheds. The balance of the ACLO amount, \$34,000, is to be paid to the State Water Resources Cleanup and Abatement Account.
9. **Settlement Agreement and Stipulation for entry of ACL Order issued to Groveland Community Services district, Tuolumne County.** On 11 July 2013, the Assistant Executive Officer issued Stipulated ACLO R5-2013-0542 in the amount of \$375,000 for sanitary sewer overflows to waters of the State in August 2010 and March 2011. The Stipulated ACLO suspends \$187,500 for completion of an Enhanced Compliance Action consisting of the installation of a sludge belt press or centrifuge to improve processing of wastewater treatment facility solids. The balance of the ACLO amount, \$187,500, is to be paid to the State Water Resources Cleanup and Abatement Account.
10. **No Further Action Determination, Former Lamoure's Dry Cleaner, 2979 North G Street, Merced, Merced County.** Perchloroethylene (PCE), a dry cleaning solvent, was discovered in soil gas beneath a former dry cleaner in Merced that had operated from 1990 to 2007. The property owner characterized PCE in soil gas and collected groundwater samples. None of the groundwater samples collected contained PCE or its breakdown products. Soil gas sample concentrations significantly decreased with time during subsequent sampling events and following closure of the dry cleaner business. Low residual concentrations of PCE sampled in 2012 do not pose a threat to human health or groundwater. A No Further Action Determination letter was issued on 10 July 2013.
11. **No Further Action, Determination Crown Cleaners, 8039 N. Cedar Avenue, Fresno, Fresno County**
A no further action determination was issued on 22 August 2013 for the former Crown Cleaners site, 8039 N. Cedar Avenue, Fresno, Fresno County. Moderate concentrations of tetrachloroethene were found in soil gas beneath the site during a preliminary site assessment. The lateral and vertical extent of impacts to soil and soil gas was delineated in a series of assessments. Tetrachloroethene was not detected in a groundwater sample collected at the site. A soil vapor extraction system was operated at the site for approximately eight months. The tetrachloroethene concentrations in soil gas samples collected after shutdown of the system were well below cleanup levels protective of human health and safety, the environment, and groundwater.
12. **Millington Property, 649 Township Road, Gridley, Case No. SLT5R1067, Butte County**
A vehicle incident involving a portable diesel tank occurred at the site in August 2007 which released approximately 300 gallons of fuel to the surrounding property. Following the spill two soil removal actions were completed in September 2007 and May 2008 which excavated and disposed of approximately 72

cubic yards or 97 tons of contaminated soils from the site. Confirmation sampling indicated there was residual soil pollution and one impacted grab groundwater sample. A site investigation was conducted in 2012 to assess the extent of residual soil and groundwater pollution at the site. This site investigation indicated the extent of residual soil pollution was limited and there were no continuing impacts to underlying groundwater. Due to the limited remaining soil pollution, lack of impact to underlying groundwater, distance to nearby sensitive receptors, and limited threats to human health and the environment, no further action would be required. This case was closed in July of 2013.

13. Industrial Electric Service, 5209 Industrial Way, Anderson, Case No. SLT5R957, Shasta County

A December 2001 Phase II Environmental Site Assessment (ESA) indicated that total petroleum hydrocarbons as oil and grease (TPHog) and halogenated volatile organic compound (HVOC) constituents were reported in water samples collected from an onsite wastewater holding tank. The tank stored treated wastewater from onsite steam/pressure washing activities. As this treated wastewater was periodically discharged to the environment, in 2002, staff requested that options be explored for further treatment of the wastewater. Since 2002 the site had become inactive, despite efforts made to contact the responsible party (RP) to obtain the data necessary for case closure. Regional Board staff (staff) issued a Draft 13267 Order in March of 2013. Upon receipt of the draft order, the current owner indicated that the property was purchased in December 2009 after a Phase II ESA was completed in August 2009. The Phase II ESA results indicated no potential environmental impacts and that operational changes to the wastewater treatment system were made in response to the 2002 staff request. This case was closed in July of 2013.

14. Penn Mine Landfill Final Cover Partial Reconstruction Project, Calaveras County

On 20 August 2013, the State Water Board approved \$417,500 in funding for a Cleanup and Abatement Account for the Central Valley Water Board's share of work needed for modifications to the final cover at the Penn Mine Landfill. The project, which began on 26 August 2013, is being conducted to weld the final cover geomembrane to the liner geomembrane in order to eliminate or significantly reduce sources of surface water into the landfill that have been generating more leachate than was expected. Work will also include reconstruction of the perimeter radial drain and installation of an upslope interceptor trench. The project is intended to reduce the long term costs for leachate pumping, hauling, and disposal. The project is also being funded by the East Bay Municipal Utilities District and by the contractor, CB&I/Shaw Environmental. The work is expected to take about ten weeks and be completed the week of 4 November 2013.

15. 401 Certification

On 29 July, a Notice of Final Judgment was issued from the Sacramento County Deputy District Attorney for the City of Sacramento's Norwood Avenue Bridge Replacement Project. The judgment stipulated a settlement to remit payment in the amount of forty-seven thousand seven hundred fifty dollars (\$47,750) to the Central Valley Water Board within 90 days of the signed settlement. The Norwood Avenue Bridge Replacement Project is a bridge replacement project which received a 401 Certification. An inspection during construction discovered the fill of approximately 0.5 acre into waters of the United States outside the scope of the authorized work that resulted in Cleanup and Abatement Order R5-2011-0709 (CAO). The CAO required the City of Sacramento to clean up the channel and affected habitat and to submit reports.

16. No Further Action Required - Underground Storage Tanks (UST)

Following are sites where Board staff concluded that residual hydrocarbons do not pose a threat to human health and safety or anticipated future beneficial uses of water. Investigation and remediation work, therefore, may be discontinued and no further action is required. This decision is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Upon completion of corrective action, §2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

For more information regarding a site, the appropriate office personnel should be contacted: Fresno (559) 445-5116, Redding (530) 224-4845, and Sacramento (916) 464-3291.

a) **FRESNO OFFICE**

Kern County

- **Chevron Station, 2317 "L" Street, Bakersfield**

A release from the UST system was discovered during 1999, and groundwater monitoring began during 2001. Soil vapor extraction and air sparging systems removed about 142,000 pounds (23,000 gallons) of gasoline constituents between 2002 and 2009. Air sparging continued until 2012 to enhance biodegradation. The contaminant plume decreased in concentration and extent, and water quality goals are predicted to be achieved by natural processes, however, no time estimate was predicted when beneficial uses will be restored. The case meets the criteria for closure under the LTCP, and was closed on 25 June 2013.

Kings County

- **Commingled Plume, Tosco Facility #6004 (Unocal #6004) 286 North Lemoore Avenue, and K&H Liquor 49 "D" Street, Lemoore.** Releases from the Tosco and K&H UST systems were discovered during 1990 and 1998. At the Tosco site, groundwater extraction by vacuum truck was conducted during 2001, and ozone sparging began during 2002 to mitigate high MTBE concentrations. After 2004, corrective action for both sites was performed by one responsible party funded by the Underground Storage Tank Cleanup Fund Commingled Plume Account. A combined ozone sparging system operated from 2006 until 2011 and a soil vapor extraction system operated from 2006 until 2012. Cleanup activities removed about 15,000 pounds (~2,400 gallons) of gasoline constituents. The residual contaminant plumes are stable and decreasing, and water quality goals are predicted to be achieved by 2021. Both cases meet the criteria for closure under the LTCP and were closed on 26 June 2013.

b) **REDDING OFFICE**

None

c) **SACRAMENTO OFFICE**

Calaveras County

- **Copper Hotel/Saloon – 86 and 102 Main Street, Copperopolis**

The Site is currently an inactive hotel and saloon. In November 1998 three 550 gallon tanks were removed. About 1,240 pounds (200 gallons) of petroleum hydrocarbons were removed through excavation, groundwater pump and treat, oxygen injection and dual phase extraction and about 2.5 pounds (<1 gallon) of contaminant mass is estimated by the consultant to remain at the Site. The site meets the criteria for closure under the LTCP and was closed in August 2013.

Placer County

- **Sierra Super Stop # 4, 320 G Street, Lincoln**

In 1989, during dispenser and product line replacement, petroleum fuel was detected in both soil and groundwater beneath the site. In December 1997, the site's two 10,000-gallon USTs were lined, and in December 1999, a 4,000-gallon UST was abandoned in place. Over two feet of free phase product were once present beneath the site; however, active remediation has removed over 12,850 gallons of petroleum from the site. Less than three pounds of petroleum remain in groundwater, and the residual petroleum constituents are expected to achieve WQO within about 10 years. Residual pollutants do not threaten supply wells or surface water bodies and no petroleum constituents remain in shallow soil or soil gas above residential human health screening levels. The site was closed on 11 July 2013.

- **Former Exxon 7-0250, 8660 Auburn Boulevard, Roseville**

This case was previously granted closure in September 2007. However, new data obtained from the Shell site located across the street at 21 Whyte Ave in Roseville, UST Case # 310395 (Shell Site), indicated that the original Exxon Site petroleum release had commingled with the Shell Site plume and impacted groundwater beyond its previously known extent. Therefore, this Exxon case was reopened and additional monitoring wells were installed to further define the extent of the commingled plume. Although petroleum constituents within the commingled plume may remain in groundwater above

water quality objectives for over 100 years, the residual plume is defined, appears stable and is not expected to migrate beyond the current extent. Petroleum concentrations within the commingled plume have dropped significantly over time and the site meets the criteria for closure as outlined in the LTCP. Therefore, this site was closed on 26 July 2013.

- **Gold Hill Yard, 1900 Gold Hill Road, Newcastle**

In September 1992, a 1,000-gallon gasoline UST was excavated and removed from the Site. Active remediation removed about 200 pounds (32-gallons) of petroleum from the subsurface, and less than a pound is estimated to remain in groundwater. The residual petroleum plume is defined; concentrations in groundwater are expected to attenuate below WQOs within 5 years, and the results of a risk assessment show that the residual petroleum constituents in shallow soil and soil gas are unlikely to pose a threat to human health. Five active domestic groundwater supply wells are located within 500 feet of the Site, and no petroleum detections have been recorded in any supply wells since 2009. The site was closed on 25 July 2013.

- **Ramos Oil, 210 G Street, Lincoln**

In 1993, a 4,000-gallon kerosene UST was removed from the site, and in 1998, three 8,000-gallon gasoline USTs, one 8,000-gallon diesel UST, one 1,000-gallon motor-oil UST and two 8,000-gallon aviation fuel USTs were removed from the site along with 370 cubic yards of petroleum impacted soil and 19,000 gallons of petroleum impacted groundwater. Remedial efforts have reduced residual constituent concentrations. Select constituents persist above WQOs; however, concentrations are expected to degrade below WQOs within 50 years without migrating any significant distance. Results of a risk assessment show that the residual petroleum in shallow soil and soil gas do not pose a threat to human health and no supply wells or surface water bodies are threatened by the groundwater pollution. The site meets the LTCP criteria and was closed on 9 August 2012.

- **Gould Property, (APN 066-110-028-000), Hampshire Rocks Road, Emigrant Gap**

Between 1987 and 1999, three USTs, a 350-gallon gasoline UST, a 500-gallon gasoline UST, and a 4,000-gallon heating-oil/waste-oil UST were removed from the site. The site's petroleum plume has not migrated any significant distance, and is expected to attenuate below WQO within 5 years. Remedial activities removed about 200 pounds (~30 gallons) of petroleum from the subsurface, and less than a pound is estimated to remain in groundwater. The site's is located on the banks of the Yuba River; however, no petroleum constituents have been detected in the river since 1999. The closest supply wells are about 1,000 feet cross-gradient, and the results of a risk assessment show that the residual petroleum constituents in shallow soil and soil gas will not pose a threat to human health. The site was closed on 12 August 2013.

- **Texaco (Former), 1700 Douglas Boulevard, Roseville**

In July 1988, an 8,000-gallon gasoline UST, three 4,000-gallon gasoline USTs, a 4,000-gallon diesel UST, a 550-gallon waste-oil UST, a 1,000-gallon oil and gas blending UST, and all associated dispensers and piping were removed from the Site. Over-excavation and dual-phase extraction removed over 1,763 pounds (~282 gallons) of petroleum from the Site, constituent concentrations have declined, and the residual concentrations in groundwater are expected to attenuate below WQO by 2050. Residual shallow soil and soil gas concentrations are below human health screening levels, no supply wells are located within 3,000 feet of the Site, and the closest surface water body is 1,600 feet away. The Site was closed on 16 August 2013.

- **City of Colfax Yard, 250 Rising Sun Road, Colfax**

In November 1994, two 1,000-gallon gasoline USTs were removed from the Site and petroleum impacts were observed at the base of the excavation. Soil excavation removed over 50 pounds (<10 gallons) of petroleum from the subsurface, and less than two pounds (<1 gallon) are estimated to remain in groundwater. Petroleum concentrations in groundwater are expected to decline below WQO in about 20 years. The results of a risk assessment show that the petroleum remaining in shallow soil and soil gas is unlikely to pose a threat to human health. No water supply wells or surface water bodies are threatened by the site's groundwater pollution. The site was closed on 16 August 2013.

San Joaquin County

- **J&L Market, 8125 South El Dorado Street, French Camp**
In November 1995, one 2,000-gallon and two 10,000-gallon gasoline USTs were removed from the Site. About 3,777 cu. yds. of soil was removed and ozone injection was used to clean up groundwater. Mass estimates were not reported for the cleanup activities. Minor soil and groundwater contamination remains onsite. About 14.65 pounds (2.2 gallons) TPH remains in groundwater. Groundwater is estimated to reach MCLs in 17 years (2030). Public participation was completed on 10 September 2012 and the UST case was closed on 15 May 2013.
- **Vintage Car Wash, 601 East Miner Avenue, Stockton**
In December 1990, about 3,200 gallons of gasoline were reported to have leaked from one of three USTs. In May 1993, one 5,000-gallon and two 10,000-gallon USTs were removed from the Site. Additional soils were excavated and removed about 360 pounds (58 gallons) of petroleum hydrocarbons. About 3,396 pounds (514 gallons) of TPH remains in soil and 2 pounds (<1 gallons) remain in groundwater. Groundwater is estimated to reach MCLs in 10 years (2023). Public participation was completed on 4 December 2012 and the UST case was closed on 20 May 2013.

Sutter County

- **Holt of California, 7310 Pacific Avenue, Pleasant Grove**
In December 1990, one 12,000-gallon gasoline and one 12,000-gallon diesel USTs were removed from the Site. In July 1992, one 5,000-gallon waste oil, one 2,000-gallon Stoddard solvent, one 2,000-gallon waste solvent, and two 5,000-gallon motor oil USTs were removed. About 1,576 cubic yards of soil was over-excavated and bio-remediated onsite. The initial mass was estimated at 2,417 pounds (366 gallons) of TPH in soil. About 581 pounds (88 gallons) of TPH in soil were removed and 86 pounds (13 gallons) remain in groundwater. Groundwater is estimated to reach MCLs in 22 years (2035). Public participation was completed on 15 May 2013 and the UST case was closed on 24 July 2013.
- **Sutter County Sheriff's Station, 1077 Civic Center Drive, Yuba City**
In January 1990, one 4,000-gallon gasoline UST was removed from the Site. The initial estimate for TPH in soil was 8,978 pounds (1,360 gallons). About 3,543 pounds (536 gallons) of TPH was removed from soil and 104 lbs. (16 gallons) of TPH was removed from groundwater by pumping and treating groundwater with discharge to sanitary sewer. An estimated 1.3 pounds (<1 gallon) of TPH remain in groundwater. Groundwater is estimated to reach MCLs in 27 years (2040). Public participation was completed on 4 January 2013 and the UST case was closed on 12 June 2013.

Yolo County

- **Former Paul's Signal Oil Station, 39496 West Kentucky Avenue, Woodland**
Two fuel USTs were removed from the Site after January 1975, and a waste oil UST was removed in November 2002. In addition, up to 1,390 pounds (~225 gallons) of petroleum hydrocarbons were removed through excavation and disposal at an appropriate facility. In 2012 petroleum hydrocarbons, including VOCs and SVOCs, were not detected in groundwater samples collected from three monitoring wells at the Site. The results of a risk assessment indicate no potential risk from dermal contact or indoor air exposure to petroleum hydrocarbons remaining beneath the Site. A water supply well remains on-site, but based on groundwater data, there is no apparent threat. Public participation was conducted and monitoring wells were properly destroyed. The site was closed on 11 July 2013.
- **BC Gas, 450 County Road 102, Woodland**
One UST used for waste oil was removed from the site in 1992. In 1994 four additional USTs were removed and 1,600 cubic yards of soil impacted with gasoline hydrocarbons was excavated. Eleven monitoring wells and 29 soil borings were advanced and sampled to characterize the release. High vacuum dual phase extraction was used to remove 2,250 pounds (~360 gallons) of gasoline hydrocarbons. The remaining groundwater pollution was found to be stable, degrading under natural processes, and predicted to meet water quality objectives by 2015. A human health risk assessment concluded remaining petroleum hydrocarbons in soil and groundwater are not a threat to human health and safety. Public participation was conducted, and the one comment received was addressed. All wells were abandoned in July 2013 and the site was closed on 22 August 2013.

Local Agency UST Closures with Concurrence of Board Staff

San Joaquin County

- California Fuels Cardlock Station, 2402 Pacific Avenue, Stockton
- Cherokee Trucking, 3535 Cherokee Road, Stockton
- Former Stefano's Gas Station, 1419 East Charter Way, Stockton
- Navarro Property Former Fueling Station, 7500 West Eleventh Street, Tracy
- Tracy Marine Sales, 2353 Toste Road, Tracy

Tulare County

- Cutler Food Mart, 40312 Road 128, Cutler

Local Agency UST Closures Independent of Board Staff Review

**STAFF RECOGNITION
SUPERIOR ACCOMPLISHMENT AWARDS**

At the July 24/25 Board Meeting, Executive Officer Pamela Creedon presented superior accomplishment awards to the following staff:

Candidate: Dale Harvey
Unit: Non 15 WDR
Title: Senior WRC Engineer, Fresno
Supervisor: Lonnie Wass

Dale is an effective Senior in the Fresno office who leads his unit well. Previously, Dale headed an NPDES unit and, through his dedication, leadership, and commitment, eliminated a backlog of expired permits. Two years ago, Dale was moved to a permitting unit for land disposal of waste. Dale has effectively lead this unit. In the current fiscal year, with the orders scheduled to appear before the Central Valley Water Board in May, the unit will have nearly doubled its permitting outputs when compared to before Dale he began supervising the unit.

Dale takes his job very seriously. He manages his personal time well, scheduling time off to be sure it does not interfere with production of the unit. When necessary, he spends extra hours in the office to see that goals are met. He keeps close track of his unit's tasks, and regularly goes over performance with his staff. He will often take a weakly written document provided by others and personally re-write it to make it better. He is viewed by the regulated community as tough but fair. For these and many more reasons, I recommend that Dale receive this award.

Candidate: Joseph Simi
Unit: Sacramento River Watershed
Title: WRC Engineer, Fresno
Supervisor: Sue McConnell

Jay was instrumental in the development of the draft Drinking Water Policy, a multi-year, stakeholder-intensive effort to protect source water quality for public water system intakes. Jay managed the grant which funded the technical studies conducted to support the development of the draft Drinking Water Policy. He coordinated with the modelers and consultants who conducted the source evaluation work. Jay developed the synthesis report for the effort with help from the Drinking Water Policy workgroup, effectively presented the complex project to the Board in April 2013 and prepared the agenda for the July 2013 Board Hearing.

Candidate: Jacqueline Matthews
Unit: NPDES Non 15 CIWQS
Title: Environmental Scientist, Redding
Supervisor: Greg Cash

Jacqueline is receiving the Superior Accomplishment Award for her outstanding work in the NPDES and WDR South Regulatory Unit of the Redding Office.

The South Regulatory Unit conducts permitting, compliance, and enforcement activities on the NPDES and WDR projects within Glenn, Butte, Tehama and Plumas counties.

Jacqueline has been the Industrial NPDES specialist for the Redding Office for the past several years. She regulates the largest Industrial Waste Discharger in our area – Bell Carter Olive Company.

Jacqueline has also been the main contact for small food processing facilities in the Redding Office region. She was instrumental in contacting our small food processors and clarifying their requirements for disposal of solids from their waste processes. Jacqueline has worked on several new permits for olive processing facilities in Glenn and Tehama counties.

Jacqueline has consistently shown her dedication, and hard work in overseeing her projects. She has developed a strong working relationship with her Dischargers, and is a well-respected representative of the Regional Board. Her efforts have helped the Regional Board ensure that surface and groundwater quality is being protected, by encouraging better compliance with regulatory requirements, and is an asset to our office as well as to the entire organization.

Candidate: Denise Soria
Unit: Non 15 WDR
Title: WRC Engineer, Fresno
Supervisor: Dale Harvey

Denise Soria is receiving the Superior Accomplishment Award for her superior performance in the Non-15 WDRs Unit of the Fresno office of the Central Valley Regional Water Quality Control Board.

Denise is the top producer in the Non-15 WDRs Unit. Her work centers around drafting WDRs. Her work ethic, persistence, and perseverance has resulted in a significant reduction in our lengthy WDRs application and review backlogs. Denise also frequently is asked to attend Board meetings to serve as an interpreter. Denise always provides good, courteous customer service to stakeholders.

During the last fiscal year, Denise helped us meet our target by shepherding three WDRs through adoption by our Board, including one that required approval of an Initial Study and Negative Declaration; producing two sets of draft WDRs for incorporation into permits issued by the California Energy Commission; and successfully moving a 20-year-old Cease and Desist Order through the rescission process.

Denise also attended two Board meetings and an inspection to act as an interpreter. Denise has accomplished all this and continued to address the day-to-day report reviews, letters, phone calls, and other tasks expected of regulatory staff.

Denise willingly attacks new projects without question and is open to direction. Her ability to prioritize tasks and focus her time on priority projects has resulted in her production exceeding that of more seasoned staff members. As a relatively new employee, Denise has had to expend considerable energy to learn the processes of the Board as well as applicable laws, regulations and policies. She has done this and steadily increased her production. She also has volunteered to attend meetings outside of normal business hours to further the cause of the Board.

EMPLOYEE OF THE MONTH AUGUST 2013

REDDING OFFICE

In addition, at the end of June, Kristen completed a major technical review and associated field inspections of a construction quality control report at the Clean Harbors Facility.

Kristen consistently maintains a cheerful and professional demeanor. Kristen readily accepts tasks on short notice with an "I can do that," and accomplishes the tasks well and on time. She readily assists non-registered engineering and other staff, sharing her knowledge and experience as a professional engineer. Kristen's recent and sustained efforts in the performance of her assigned duties make her a valuable addition to our organization. I highly recommend Kristen for recognition of her accomplishments not only last month, but throughout the year.

Candidate: Dale Stultz
Unit: Groundwater Unit
Title: Environmental Scientist, Redding Office
Supervisor: Pat Vellines

Dale is excelling in his HAZMAT spill response efforts and mentoring groundwater unit staff on land disposal issues. He is the primary lead staff assigned to handle land disposal issues in the Redding office. With close to 25 years of experience with Shasta County and the Regional Water Board he provides valuable insight and mentoring to other Groundwater Unit staff. Dale is knowledgeable, dependable and is an excellent writer. He's a decisive and tough regulator who prioritizes Water Code enforcement, and works with responsible parties to guide them into compliance.

Most recently he tackled the oversight and clean-up of a Highway 32 petroleum tanker spill. He keeps current on HAZMAT and First Aid training and has worked with State Board to request financial assistance training for land disposal case workers. Additionally he's chipping away at the backlog of waste discharge requirement orders (including the recent Oroville Landfill Properties) and monitoring and reporting orders that need updating.

Candidate: Kristen Pineda, PE
Unit: Landfills/Composting
Title: WRC Engineer, Fresno Office
Supervisor: Daniel Carlson

Kristen's professional attitude, excellent work product, and willingness to assist others are valuable contributions to our mission.

Some of the main tasks Kristen has performed during the previous month include:

- technical reviews and associated field inspections of a cover system repair at the Clean Harbors Facility
- technical reviews and associated field inspections of a liner repair to a nonhazardous waste management unit at the Chemical Waste Management, Kettleman Hills Facility
- review of a revised design report for an expansion at the Woodville Landfill
- evaluation of the appropriateness of using biomass ash to solidify waste at the McKittrick Waste Treatment Site

SACRAMENTO OFFICE

Candidate: Chris Jimmerson
Unit: Irrigated Lands Program, Monitoring and Implementation Unit
Title: Environmental Scientist
Supervisor: Susan Fregien

Chris is nominated for the Employee Recognition Award to acknowledge his excellent work in the Irrigated Lands Program. Chris was recently assigned to work on developing the General WDR for irrigated lands in the San Joaquin County and Delta area – a new and very challenging task. He was also responsible for conducting three presentations to large grower groups in one week. Chris earned praise from the Ag Coalition representatives for his calm and professional responses during one of these particularly contentious meetings. In these duties, Chris stepped up to the challenges and took full ownership of the work. This really showed in the quality and thoughtfulness of the WDR documents and the presentations that he created. Chris was also called upon to refine the Order documents in response to comments from the coalition under a tight timeline. His efforts were instrumental in keeping the public release of these documents on track.

In addition, Chris has created Excel data analysis tools that have saved the ILRP staff a great deal of time and, equally important, provided a way to quickly perform accurate and consistent analyses of the Program's large data set. This has been essential to increasing the efficiency of the program, since staff regularly rely on these tools and on Chris to help create tables and graphs that are accurate and information rich. Chris's technical skills, thoroughness, and persistence are greatly appreciated in all of his work in the irrigated lands regulatory program.

Candidate: Brendan Kenny
Unit: WDR Compliance and Enforcement
Title: Engineering Geologist
Supervisor: Howard Hold

Brendan Kenny is receiving this award for his recent work in the WDR Compliance and Enforcement Unit. Brendan has mainly worked with Non15 Dischargers during his time at the Board, but he recently asked to also work in the Title 27 program. Being new to the world of landfills, he was immediately thrown into the new program with a complaint of an unpermitted discharge. He thoroughly researched the Title 27 regulations and WDRs, prepared the NOV, and then worked with the Discharger to help them return to compliance. Meanwhile he continues to manage his sites in the Non15 program, by again providing timely customer service. While Brendan is new to the world of Title 27 sites, he has used the experience he has learned in the Non15 program as a good foundation. As an Engineering Geologist at the Board, his approach to compliance issues and willingness to work with the community as well as dischargers will prove valuable to this organization in the long run.

PERFORMANCE TARGETS

Region 5 Performance Measurement Summary from 1 July 2013 to 19 August 2013						
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
NPDES Wastewater						
Major Individual Permits Issued, Revised and Renewed	9	2	22%			
Major Individual Permits Inspections	55	0	0%			Will be updating target to reflect that we will not be receiving contract help from EPA. Staff began inspections Sept 2013 and are on target.
Minor Individual Permits Issued, Revised and Renewed	19	3	16%			
Minor Individual Inspections	17	1	6%			Will be updating target to reflect that we will not be receiving contract help from EPA. Staff began inspections Sept 2013 and are on target.
Minor General Enrollees Inspections	0	0	0%			
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	8	22%			
Municipal Waste Facilities Inspections	100	14	14%			
Industrial Waste Facilities Inspections	60	8	13%			
All Other Facilities Inspections	14	0	0%			
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	0	0%			
Landfills Inspections	73	5	7%			
All Other Permits Issued, Revised and Renewed	5	0	0%			
All Other Inspections	48	0	0%			
NPDES Storm Water						
Stormwater Construction Inspections	385	10	3%			Construction inspections will increase closer to rainy season.
Stormwater Industrial Inspections	195	20	10%			
Stormwater Municipal Inspections	5	0	0%			
Other Programs						
Timber Harvest Inspections	120	5	4%			
Confined Animal Facility Inspections (Dairies)	350	8	2%			
Clean Up						
New DoD Sites Into Active Remediation	63	0	0%			
New SCP Sites Into Active Remediation	36	0	0%			
Cleanup Program Sites Projected Closed	140	6	4%			
New UST Sites Into Active Remediation	45	3	7%			
Underground Storage Tank Sites Projected Closed	105	21	20%			
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all re-inspections.						

ENFORCEMENT UPDATE

California Integrated Water Quality System Project (CIWQS)

ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

Here is your Customized Enforcement Actions by Region/Program/Action Report!

[\[VIEW PRINTER FRIENDLY VERSION\]](#) [\[EXPORT THIS REPORT TO EXCEL\]](#)

SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

Status (Active, Historical, Withdrawn) Occurred on or after 07/01/2013 Occurred on or before 08/30/2013

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	TSO	UNK	VER	TOTAL*
1	0	17	0	2	1	0	0	0	1	0	0	0	0	0	21
2	0	0	0	4	0	0	4	0	3	0	0	1	1	0	13
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
4	1	0	0	11	0	0	2	3	59	4	0	1	0	7	88
5F	0	36	0	3	0	0	0	0	7	0	86	1	0	3	136
5R	0	0	0	0	0	0	0	0	9	0	0	0	0	4	13
5S	0	0	0	4	1	1	0	0	43	0	0	3	0	3	55
6T	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
6V	0	0	0	0	1	0	0	0	0	0	2	0	0	0	3
7	0	0	23	0	0	0	0	0	0	0	0	0	0	0	23
8	0	99	42	1	0	0	0	24	1	0	1	0	0	6	174
9	0	0	0	0	0	0	1	0	0	0	38	0	0	1	40
STATEWIDE*	1	152	65	25	3	1	7	27	123	4	127	6	1	33	575

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter

ACL = Admin Civil Liability

EPL = Expedited Payment Letter

NTC = Notice to Comply

UNK = Unknown

1st_NNC = 1st Annual Report Notice of Non-Compliance

CAO = Clean-up and Abatement Order

NNC = Notice of Stormwater Noncomp

SEL = Staff Enforcement Letter

VER = Oral Communication

2nd_NNC = 2nd Annual Report Notice Noncomp

CDO = Cease and Desist Order

NOV = Notice of Violation

TSO = Time Schedule Order

VER = Verbal Communication

* Columns or Rows count distinct instances of Enforcement Actions.

COMPLIANCE AND ENFORCEMENT

1. **ACL Complaint issued to Donahue Schriber Asset Management Corporation, Rocklin Crossings Shopping Center, Placer County.** On 8 July 2013, the Executive Officer issued ACL Complaint R5-2013-0519 in the amount of \$211,038 for violations of the statewide NPDES Construction Storm Water General Permit at this construction site on Sierra College Boulevard at Interstate 80. The alleged violations include the discharge of more than 75,000 gallons of turbid storm water runoff to Secret Ravine and the failure to install erosion control BMPs in compliance with the General Permit during November and December of 2012. Donahue Schriber, and its contractor, S. D. Deacon Corporation of California, are contesting the Complaint and have asked for a hearing before the Board.

\$225,000 in Mandatory Minimum Penalty ACL Complaints Issued

On 10 September 2013, the Executive Officer issued 14 Administrative Civil Liability Complaints which assess mandatory minimum penalties for effluent limit violations and reporting violations of NPDES permits. The Dischargers may either pay the penalty within 30 days, request to enter into settlement discussions, or request a hearing before the Board. The following Administrative Civil Liability Complaints were issued:

- The City of Brentwood was assessed \$6,000 for one violation of the chloride, oil and grease, and total recoverable iron limits, and two violations of the total recoverable copper limit which occurred between 1 April 2004 and 30 April 2013 at its wastewater treatment plant.
- The City of Galt was assessed \$21,000 for one violation of the ammonia limit, three violations of the copper limit, three violations of the cyanide limit, four violations of the arsenic limit, and one violation of the pH limit which occurred between 1 July 2009 and 30 April 2013 at its wastewater treatment plant.
- The City of Jackson was assessed \$12,000 for four violations of the chlorine limit which occurred between 1 June 2012 and 30 June 2013 at its wastewater treatment plant.
- The City of Manteca was assessed \$57,000 for ten violations of the total suspended solids limit and nine violations of the pH limit which occurred between 24 June 2011 and 26 February 2013 during its Woodward Avenue Utility and Street Improvement project.
- The City of Modesto was assessed \$3,000 for one violation of the total recoverable iron, total recoverable aluminum, and total suspended solids percent removal limits and four violations of the chloride limit which occurred between 1 December 2007 and 31 May 2013 at its Regional Water Quality Control Facility.
- The City of Sacramento was assessed \$6,000 for one violation of the settleable solids limit and six violations of the pH limit which occurred between 1 July 2008 and 30 April 2013 at its Combined Wastewater Collection and Treatment System.
- The City of Stockton was assessed \$36,000 for one violation of the total chlorine residual and total recoverable cyanide limits, two violations of the chlorodibromomethane limit, and thirteen violations of the total ammonia limit which occurred between 1 February 2011 and 31 May 2013 at its Regional Wastewater Control Facility.
- The City of Tracy was assessed \$6,000 for one violation of the pH limit, three violations of the temperature limit, and eight violations of the total coliform limit which occurred between 1 January 2009 and 31 May 2013 at its wastewater treatment plant.
- The City of Vacaville was assessed \$3,000 for violations of the settleable solids effluent limit which occurred between 1 July 2010 and 30 April 2013 at its wastewater treatment plant.
- The California Department of Corrections and Rehabilitation was assessed \$9,000 for the late submittal of a self-monitoring report and two violations of the total chlorine limit which occurred between 1 December 2011 and 30 April 2013 at its Sierra Conservation Center Water Treatment Plant.

- The California Department of Parks and Recreation was assessed \$45,000 for two violations of arsenic, three violations of color, one violation of dissolved oxygen, two violations of iron, five violations of manganese, and two violations of turbidity which occurred between 1 January 2012 and 30 June 2013 at its Empire Mine State Historic Park.
 - The El Dorado Irrigation District was assessed \$6,000 for two violations of the zinc limit which occurred between 1 October 2010 and 30 June 2013 at its El Dorado Hills wastewater treatment plant.
 - Kinder-Morgan Energy Partners, L.P. was assessed \$6,000 for two violations of the methyl tert-butyl ether (MTBE) limit which occurred between 1 January 2009 and 30 June 2013 at its Fox Road petroleum release site groundwater remediation system.
 - The Nevada County Sanitation District No.1 was assessed \$9,000 for three violations of the total coliform limitation which occurred between 1 December 2010 and 30 June 2013 at its Lake Wildwood wastewater treatment plant.
2. **Cleanup and Abatement Order, Recology Yuba Sutter Landfill, Recology Yuba Sutter, Yuba County** . On 29 August 2013, the Assistant Executive Officer issued Cleanup and Abatement Order R5-2013-0704 to the Recology Yuba Sutter Landfill (Discharger) in Yuba County. The purpose of the Order is to reduce the threat of pollution to surface and groundwater from the daily site operations. This Order identifies multiple operations conducted on top of Waste Management Unit (WMU) LF-1 that have reduced the performance of the final cover over WMU LF-1. The Order provides an agreed upon time schedule for the Discharger to regrade the site's operations area to promote free drainage and separate contact storm water from industrial storm water discharges. The Order also requires the Discharger to repair any broken underground piping and reduce the amount of rain water percolating through the final cover. To address the source of groundwater contamination, this Order requires the Discharger to install additional landfill gas extraction wells, as well as landfill gas monitoring points to evaluate the effectiveness of the gas extraction wells. The Order also addresses deficiencies in the groundwater monitoring network by requiring two additional groundwater monitoring wells to be installed. Finally, this Order requires the Discharger to update the post-closure maintenance and corrective action cost estimate for the site.

SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

NOTE:

See Attachment A, at the end of the EO Report "Sanitary Sewer Spill Report" for a listing of all reported sanitary sewer spills for each office.

GRANTS

1. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Implementation Grants.** IRWM Grant Program administered by the Department of Water Resources (DWR) is designed to encourage integrated regional strategies for management of water resources and to provide funding for programs and projects that support integrated water management planning and implementation. Fourteen applications were submitted for projects in the Sacramento River, San Joaquin River, and Tulare/Kern funding areas. Central Valley Water Board staff assisted DWR by providing individual technical reviews including participation in consensus review meetings. Next steps will be for DWR to complete Senior and Management level reviews. Announcement of Draft Recommendations for Public Review is anticipated in September with Final Award announcement in November 2013.
2. **State Water Board, Stormwater Grant Program.** The State Water Board adopted revised Guidelines for Round 2 of the Stormwater Grant Program (SWGP) 20 August 2013. The SWGP funds are to be used to provide matching grants to local public agencies for the reduction and prevention of storm water contamination of rivers, lakes, and streams. Approximately \$33.6 million from Proposition 84 SWGP and approximately \$4.8 million Proposition 40 Urban Stormwater will be available for award to implementation projects during the second solicitation. The awarding of grant funding through the SWGP is a competitive process. The application will be a two-step process that begins with the submittal of a Concept Proposal. The Concept Proposal will be evaluated for eligibility and technical merit, and the most competitive projects will be invited to submit a Full Proposal. The Full Proposals will be evaluated and ranked by applying the evaluation criteria, and the highest ranked Full Proposals will be recommended for funding.
The SWGP will open a solicitation for concept proposals in early September with proposals due early October. Central Valley Water Board staff will assist the State Water Board in the technical review of the concept proposals.

SITE CLEANUPS

- 1. Technical Reporting Order issued to All Seasons Cleaners, 6705 Winding Way, Fair Oaks, Sacramento County.** Three municipal water supply wells located in the northern portion of the Carmichael Water District have been affected by perchloroethylene (PCE), a dry cleaning solvent. The All Seasons Cleaners is located next to one of these wells and up gradient of the other two. The area is primarily residential, except for the small strip mall containing the dry cleaner business. The dry cleaner used PCE in its business operation until 2011. The order issued by the Executive Officer on 20 August 2013 requires preparation of a Site History Report and a work plan for additional investigation to be submitted by 31 October 2013. (NC)
- 2. Pending Offer of Piped Water to Domestic Well Owners, Corning** On the evening of 21 August 2013, Pilot TravelCenters LLC (Pilot), hosted a meeting at the Corning Holiday Inn with domestic well owners east of the former Dudley and Petty truck stop, a chlorinated solvent source. Six wells with identified solvents are on County land, and now have granulated activated carbon (GAC) wellhead treatment systems. Pilot, the current Discharger, was issued Amended Cleanup and Abatement Order R5-2004-0709, and is responsible for providing owners with replacement potable water. Pilot plans to offer City of Corning piped water as a permanent alternative for GACs. Pilot's current offer is generally contingent on owners either destroying their wells at Pilot's expense or accepting a backflow prevention device, and unanimously accepting the service. Pilot is now further negotiating with well owners regarding the condition of unanimous acceptance.
- 3. Firestone Beacon, Case #520026, 449 Main Street, Red Bluff, Tehama County**
In 1988, two gasoline and one diesel USTs, dispensers, and associated piping were removed from the Site. Subsequent investigations revealed widespread gasoline pollution in groundwater, both on and off-site. The discharger has long maintained that off-site pollution was from another source. Numerous potential off-site sources have been investigated but no viable sources have been identified to date. Off-site pollution appears to correlate well with the confirmed release from the onsite USTs. In May 2013, the Central Valley Water Board received a letter from Assemblyman Dan Logue expressing concern that the case had been ongoing for over 25 years, that Central Valley Water Board staff had not been responsive, and that pollution remaining near the site was clearly coming from an off-site source and not the responsibility of the Discharger. Central Valley Water Board staff and Assistant Executive Officer Snyder prepared a response letter and technical memo to Assemblyman Logue detailing the Central Valley Water Board's position that the subject contaminants originated from the Firestone Beacon site. This position was further discussed with Assemblyman Logue's staff on 22 August 2013. Central Valley Water Board staff has scheduled a September meeting with the Discharger to discuss path-forward options and to develop a plan to investigate and remediate remaining off-site pollution as this case does not qualify for Low-Threat Closure.

DELTA ACTIVITIES

1. **Delta Mercury Exposure Reduction Program**

Since July, staff and the Delta Mercury Exposure Reduction Program (MERP) Workgroup have been working to confirm availability of funds and to complete a work plan for the program. The goal of the Delta MERP is to reduce the exposure to mercury among people who eat mercury-contaminated fish from the Delta.

To fund MERP, staff had developed funding goals based upon the proportion of methylmercury that a particular source contributed to the total load of methylmercury in the Delta and Yolo Bypass. As of 31 August, twenty-three entities that discharge into the Delta have pledged financial contributions to MERP. In addition to point and nonpoint discharges, the State agencies with responsibility for open water and wetlands, which are sources of methylmercury, were expected to contribute to MERP. On 20 August, the State Water Resources Control Board allocated \$370,000 from the Cleanup and Abatement Account to MERP. This allocation largely covers the expected contribution from Department of Water Resources (DWR), the State Lands Commission, and the Department of Fish and Wildlife. To complement the cash contributions, the Department of Public Health (CDPH) and the Delta Conservancy will provide staff time to coordinate the project and DWR has committed to provide support for graphic design and production of materials.

Staff and the MERP Workgroup have drafted a work plan that describes the basic tasks, spending plan, schedule and duties for the Delta MERP for a 4-6 year timeframe. Details of the specific outreach and education activities will be determined in future discussions with community-based organizations and fish consumers who will be involved in the MERP. The draft MERP work plan is currently being circulated among MERP participants for final review. Staff will complete revisions and submit the final MERP work plan to the Executive Officer in October 2013.

2. **Delta Methylmercury Control Studies**

Key to Phase 1 of implementation of the Delta Methylmercury TMDL are studies to evaluate measures to control methylmercury and plans to achieve the methylmercury allocations. In April 2013, nine group study plans were submitted, addressing methylmercury from municipal wastewater treatment, urban stormwater, managed wetlands, tidal wetlands, open water channels, and irrigated agriculture. The control study work plans were reviewed by an independent technical advisory committee (TAC). In August, staff received comments and recommendations from the TAC. The TAC indicated that none of the work plans were ready to proceed as written. Staff is meeting with study planners to discuss responses to the TAC comments, including revisions to the work plans to more directly address the development of methylmercury management practices. The due date for submission to the Executive Officer of revised methylmercury control study work plans is 21 October 2013. In general, the TAC noted that gaining an understanding of when and where methylmercury controls will work will be difficult for the Regional Board as long as it is relying on relatively small, short-term studies from entities unaccustomed to conducting mercury research. The TAC recommended that the State retain a mercury expert to lead and coordinate mercury research, particularly in the area of methylmercury fate and effects in wetlands.

3. **San Joaquin River Dissolved Oxygen TMDL**

Dissolved Oxygen in the Stockton DWSC Over the Past Three Years Shows Improvement over Historical Conditions

Since the mid-1930s, the first fourteen miles of Stockton Deep Water Ship Channel (DWSC) from the City of Stockton downstream to Disappointment Slough have been impaired for low dissolved oxygen (DO) concentrations. These low DO conditions occurred year-round and resulted in fish kills near Stockton and delayed the migration of salmon heading upstream during the fall. In 1998, this reach of the San Joaquin River was placed on the 303(d) list of impaired waterbodies; in 2005, a Total Maximum Daily Load was adopted by our Board to address the impairment. Today, the impairment is much more limited, occurring from June through October in the first seven miles of the channel from the City of Stockton downstream to Turner Cut.

In 2006-2007, an aeration facility was constructed on Rough and Ready Island (RRI) as a means to increase DO concentrations in the DWSC. The facility was demonstrated by the Department of Water Resources from 2008-2010. In 2011, the Port of Stockton along with other interested parties voluntarily developed a short-term aeration agreement that funds the operation and maintenance of the aerator until 2014, with a possible extension of the agreement to 2016. In 2012, ownership of the facility transferred to the Port of Stockton.

For the DWSC, the Basin Plan requires that DO not be below 5.0 mg/L from December-August and not below 6.0 mg/L from September-November. Over the past three years DO conditions have improved compared to historical observations. However, excursions below the objectives still occur. The table below shows the number of daily excursions and the range of the lowest daily minimum values measured at RRI for the past three years.

Water Year Type	Year	# of daily excursions below the applicable objective			
		5.0 mg/L (Dec-Aug)	Range Values < 5.0 mg/L	6.0 mg/L (Sep-Nov)	Range Values < 6.0 mg/L
Wet	2011	0 days	N/A	5 days	5.5 – 5.9
Dry	2012	69 days	2.9 – 4.9	22 days	4.2 – 5.9
Not categorized	2013	0 days	N/A	not available yet	not available yet

DO Conditions in 2011 (See Figure 1)

From January to August, all DO concentrations met the 5.0 mg/L water quality objective. In September, the daily minimum DO concentrations dropped below the 6.0 mg/L objective, with the lowest value measuring 5.5 mg/L. By October, DO values rose steadily and remained above the objective for the rest of the year.

DO Conditions in 2012 (See Figure 1)

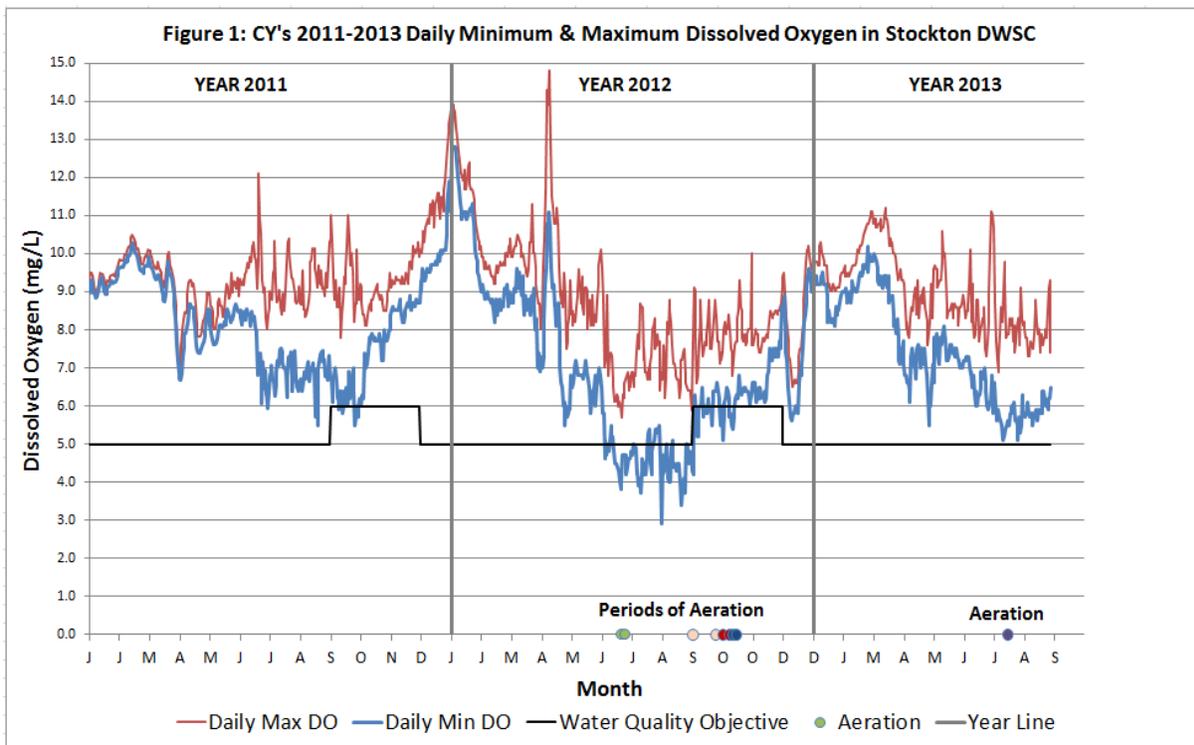
From January to May, DO concentrations met the 5.0 mg/L objective. From June through August, daily minimum DO concentrations dropped below the objective, with the lowest concentrations ranging from 2.9 to 4.9 mg/L. In September to mid-October, daily minimum concentrations were below the 6.0 mg/L objective with the lowest value measuring 4.2 mg/L. After October, DO concentrations rose and remained above the water quality objective for the remainder of the year.

DO Conditions in 2013 (See Figure 1)

DO conditions from January to August have remained above the 5.0 mg/L objective.

Aeration Operations 2011-2013 (See Figure 1)

The aeration facility was not operated in 2011 because the Port of Stockton did not own the facility. In 2012, the Port operated the aerator four times: June 20-24; September 01 – 24; October 01 – 08; and, October 12-15. In 2013, DO conditions in the channel did not warrant the use of the aerator. However, on July 16 the aerator was turned on because a faulty DO sensor at RRI was reading below 5.0 mg/L. The Port was alerted of the data error and the aerator was turned off after 2 hours of operation.



4. **Delta Regional Monitoring Program**

The Delta RMP Steering Committee has continued to meet monthly to develop the program. Aquatic Science Center staff, in coordination with relevant experts and under the direction of the Technical Advisory Committee co-chairs, have developed white papers on various constituents so that Steering Committee members can select a constituent for the initial focus of the program. The Steering Committee will be presented a summary of the papers and a recommendation from the TAC Co-Chairs (Stephen McCord and Joe Domagalski) at the 23 September meeting. If a decision on initial monitoring priorities cannot be reached at the September meeting, the discussion will be continued at a follow-up meeting 10 October. Also, on 10 October, participants from other regional monitoring programs in the state have agreed to a panel discussion to give Delta RMP participants an opportunity to learn more about how their programs were set up and the benefits of a coordinated monitoring program. In addition, a subset of RMP participants have been working on a resolution for consideration by the Regional Water Board. The purpose of the resolution is to provide assurances to dischargers and other participants that regional monitoring may be conducted in lieu of some individual monitoring efforts so that those participants may begin establishing resources for the initial phase of the RMP.

DAIRIES

1. **Inspection Results**

As described in the last Executive Officer's report, the backlog of dairy inspections was recently eliminated. The inspections revealed that many dairies are not in full compliance with the General Order. Some of the issues include: incomplete or inadequate nutrient monitoring data; excessive weed growth or internal erosion in ponds; and inadequate corral maintenance. Staff is working with dairy operators to correct these deficiencies.

2. **Compliance Issues**

Staff has issued notices of violation (NOVs) to approximately 90 dairies at which a nutrient management plan is not being adequately implemented. Approximately 60 NOVs have been issued for failure to certify completion of modifications to meet adequate flood protection or waste management capacity. The majority of these violations were discovered during inspections. Staff is prioritizing these dairies based on threat to water quality and considering additional enforcement action to stimulate compliance.

3. **Dairy Representative Monitoring Program**

On 4 September 2013, staff held a workshop at the Central Valley Water Board's Fresno office to provide information to stakeholders regarding the Dairy Representative Monitoring Program. The Representative Monitoring Program's technical consultant, Luhdorff and Scalmanini, presented a status report about progress of the program and recent activities.

GROUNDWATER QUALITY PROTECTION STRATEGY

Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap – Workplan June 2011-June 2013 (Update)

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap (Roadmap) was developed through active stakeholder outreach and approved by the Central Valley Water Board (September 2010 Resolution R5-2010-0095.) The workplan for implementation of high priority actions was approved at the Board's regular June 2011 meeting. Development of a second phase workplan has begun and will include the medium priority actions as well as any work that has not been completed by the end of the current workplan in June 2013.

The State Water Board is currently working on a statewide Groundwater Strategic Workplan that will be released for public review in late July 2013. The draft workplan, which will include strategies and recommendations for addressing groundwater issues, will be considered by the State Water Board at a later date. Central Valley Water Board staff is coordinating efforts with the State Water Board. A report to the Central Valley Water Board is planned for the December 2013 board meeting which will include the status of work completed over the last two years, presentation of a workplan for the next two years, as well as a workplan to update the Groundwater Quality Protection Strategy for the Central Valley Region to incorporate new or emerging issues.

The following is a brief status report on the implementation of tasks for each of the actions identified in the Workplan:

Action 6.4. Develop a Salt and Nitrate Management Plan for the Central Valley. The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012, that identifies submittal of a draft plan in May 2014 and a final plan in May 2016. An annual update to the Central Valley Water Board is anticipated for the October or December board meeting. More details on CV-SALTS activities can be found in the Salinity and CV-SALTS section of this EO report. Information is also available at: <http://cvosalinity.org/>

Action 6.4.2 Implement consistent and scientifically sound groundwater quality monitoring program. The Groundwater Monitoring Advisory Workgroup (GMAW) is composed of groundwater experts, which includes representatives from State and Regional Water Boards, USGS, academia, and private consultants. The GMAW has identified several technical issues related to groundwater monitoring. The workplan set a schedule for the development of white papers for each of the technical issues, including establishing and applying site-specific background concentrations, Conceptual Model, GW Monitoring Well Network Design, Additional GW Monitoring Techniques, Methods, and Tools. Following executive management approval the white papers will be provided to staff as a reference tool for developing permits to be used as appropriate on a case by case basis. To date the GMAW have begun drafting two white papers titled:

- Site Management Strategy for Subsurface Investigations, Resource Toolbox
- Establishing and Applying Site Specific Background Concentrations

GMAW meeting information can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

Action 6.4.4 Broaden Public Participation through Enhanced Communication, Education, and Outreach. The goal is to ensure all interested parties have an opportunity to participate in the Central Valley Water Board decision making processes as it relates to groundwater. Meeting facilitation training was provided to 26 staff in February 2012. The contracting fund tasks such as remote board meeting capabilities and website upgrades were dependent on State Board contract funds due to the State's current financial situation no funding will be available for these tasks. Staff continues to work with State Board to identify potential funding sources. Efforts to increase participation with Board business by holding Board hearing panels, remote workshops, and remote board meetings has continued with several held in Kettleman City, Fresno, Tulare, Buttonwillow, and Bakersfield. Additional remote workshops and Board meetings are being scheduled over the next six months.

Action 6.4.6 Develop a Groundwater Quality Database that facilitates the compilation and assessment of data and allows for integration with information from our different Programs. To avoid duplication and leverage work that has already been started, a staff workgroup was formed to identify data management

needs, and has reviewed the capabilities of the various statewide databases, and other Regional Board data management efforts. An issue paper was sent to State Water Board's Office of Information Management and Analysis (OIMA) recommending that the Geotracker System be modified to incorporate data from the remaining programs that were not already in the system. The issue paper identified the key groundwater data elements that the system would need to accommodate. The services of the workgroup were made available to OIMA to help in this process.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement an irrigated lands program that establishes a groundwater protection program for wastes associated with agricultural practices. The Central Valley Water Board is in the process of developing and adopting General Waste Discharge Requirements for discharges of wastewater from irrigated lands in the Central Valley. Development of seven Orders that allow growers to be represented by third-party groups are in progress, with six Orders covering specific watershed areas, one Order covering a specific commodity (rice), and one Order for those growers that are not part of a third-party group. More detail on Long-Term ILRP developing orders can be found under the Irrigated Lands Regulatory Program section of this EO Report or found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml

Action 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. Work over the last year has included participation by Staff in the development of the State Water Board Policy as part of a Policy Writing Team. On 19 June 2012, the State Water Board adopted a Policy for regulation of Onsite Wastewater Treatment Systems (OWTS Policy). The OWTS Policy will require each Regional Board to update its Basin Plan to be in compliance with the OWTS Policy or adopt policy/guidelines that are as restrictive as the State Water Board policy; and to review and approve all of the local area management plans concerning OWTS in its respective Region. This work will be included in the next Groundwater Water Quality Protection Strategy Workplan 2013-2015. The State Water Board OWTS Policy is effective 13 May 2013 and can be found at:

http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Several tools are being developed to improve WDR process including a checklist for dischargers on the information needs for antidegradation analysis which helps to reduce the amount of additional information requests. For staff, standard templates similar in formatting to NPDES permits are being developed for use on a case by case basis to provide WDR consistency.

The State Water Board has a WDR unit to assist Regional Boards in reducing WDR backlogs. This unit has been working on the development of a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd. If this General Order is adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. The draft General Order is currently in management review prior to presentation for adoption by the State Water Board later this year.

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap and the Workplan can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

SALINITY AND CV SALTS

1. **Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)**

Recent CV-SALTS Executive Committee discussions have focused on reviewing current regulatory structure and evaluating alternative compliance strategies to address areas that are currently impaired with no short term implementation mechanism to improve water quality to the level that would meet existing beneficial uses (e.g. elevated nitrate in ground water serving as a drinking water supply). An informational item on these discussions and potential alternatives was presented at the July 2013 board meeting. Technical work to support a Central Valley Salt and Nitrate Management Plan (SNMP) is continuing as follows: a technical report on salinity criteria to protect aquatic life is anticipated in September; a report proposing potential crop tolerance zones throughout the Central Valley and a method to interpret the narrative salinity water quality objective is under review by the project committee; a final report on salt and nitrate source/fate/transport, groundwater assimilative capacity and general water quality trends for 23-analysis zones within the Central Valley floor is under review; a more detailed analyses on source, fate and load has been completed on two areas (Modesto and Lower Kings River); the Strategic Salt Accumulation Land and Transport Study (SSALTS) which is evaluating viable salt disposal alternatives is building off of the work completed for the analysis zones; and a technical report characterizing geohydrology and ground water quality within a portion of the Tulare Lake Bed floor as part of the evaluation of appropriate application of MUN to area ground water is being finalized. A brief summary of all CV-SALTS technical projects can be found under subcategory links on the CV-SALTS website at: <http://cvsalinity.org/index.php/committees/technical-advisory.html>

A workshop to discuss the technical projects is being scheduled for the December Board meeting. Based on demonstration of substantial progress toward completion of a Central Valley SNMP, the Board will be asked to consider a resolution extending the project timeline from 2014 until 2016. In addition, CEQA Scoping Sessions are being scheduled in Colusa, Rancho Cordova, Modesto and Fresno during the month of October to provide an opportunity for the public to comment on the developing Central Valley SNMP and potential alternatives that may be proposed as amendments to our Sacramento River/San Joaquin River and Tulare Lake Water Quality Control Plans (Basin Plans). Notices for the meetings will be released in early September.

The Lower San Joaquin River (LSJR) Committee is continuing to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. Technical work characterizing the current water quality and salt loading throughout the basin is under way. As part of its effort to develop a range of potential water quality objectives, the committee is currently reviewing a draft aquatic life criteria document, prepared by Dr. David Buchwalter of North Carolina State University and developing a questionnaire to compile data on irrigation management practices employed by LSJR water users. As part of the review of implementation alternatives, staff from the US Bureau of Reclamation (USBR) has been providing strawman proposals for the development of a Real-Time Management Program (RTMP) to utilize the assimilative capacity of the LSJR to transport salt out of the basin while meeting water quality objectives. The committee is also compiling responses received from a stakeholder outreach letter mailed in July 2013.

2. **CV-SALTS Meeting Participation**

On 12 July Jeanne Chilcott and Pam Buford participated in the CV-SALTS Administrative meeting to continue discussions on individual technical project status, available funding, and upcoming CEQA scoping sessions, and July Central Valley Water Board workshop presentation.

On 18 July Rob Busby and Pam Buford participated in the CV-SALTS Project Committee meeting to review and provide comment on draft GIS project report.

On 1 August, Jim Brownell participated in the LSJR Committee meeting to discuss the status of the project work plan and other documents being developed in support of salt management and salinity water quality objectives on the LSJR.

On 9 August Jeanne Chilcott and Pam Buford participated in the CV-SALTS Administrative meeting to continue discussions on individual technical project status, upcoming CEQA scoping sessions, feedback from July presentation, and preparation for upcoming Board workshop.

On 12 August, Jim Brownell and Jeanne Chilcott attended a kickoff meeting for the technical work to be performed by Larry Walker Associates, Inc. and its team to support development of salinity and boron water quality objectives in the LSJR.

On 15 August, Pamela Creedon, Clay Rogers, and Jeanne Chilcott participated in the CV-SALTS Executive Committee Policy meeting which evaluated components of an upcoming salinity variance/exception basin plan amendment, recommendations on the City of Live Oak's site specific salinity objective workplan, and current Board regulatory structure.

3. United States Bureau of Reclamation (USBR)—Management Agency Agreement (MAA)

On July 8th and August 12th, staff met with representatives of the USBR to discuss the status of work related to the MAA that addresses mitigation of salt imports to the San Joaquin River Basin by maximizing salt exports from the Basin while protecting beneficial uses. Topics included continued USBR staff development of a Real-Time Salinity Management Program (RTMP) framework. The status and schedule of the RTMP framework document and need for identification of an entity to manage implementation and operation of real time salinity management was discussed. The USBR staff reported that a significantly revised draft of the RTMP framework document has been completed and submitted to USBR management for review. Following the review, USBR intends to provide the draft to the West Side San Joaquin River Coalition, as well as other LSJR Committee stakeholders for feedback. Although USBR staff anticipate bringing a RTMP framework document to the Board for review and approval in 2013, they acknowledged that review by the Board may be delayed until stakeholders have had adequate time to review and comment on the framework. As specified in our Basin Plan, the alternative to managing salt in the LSJR through a Board approved RTMP would be static load allocations established in the Basin Plan and implemented through WDR's beginning in July 2014.

4. Evaluation of Municipal and Domestic Supply (MUN) Beneficial Use in Sacramento Valley Publicly Owned Treatment Works (POTW) Receiving Water

The project evaluating appropriate application and level of protection of MUN in agriculturally dominated receiving waters is progressing forward, with an approximate three to six month delay to the original task schedule. This delay reflects the extra time needed to secure a contract for the required CEQA and economic evaluations and to ensure that stakeholders have adequate opportunity to weigh in on issues regarding implementation and monitoring/surveillance. Although the task schedule has been delayed, the group continues to work toward bringing a basin plan amendment to the Board for approval in December 2014—the original schedule.

A stakeholder meeting was held in August 2013, where participants reviewed and commented on updates to the alternatives for the appropriate MUN beneficial use application, water quality objectives and implementation in different Ag dominated water body categories. A discussion on monitoring and surveillance was also initiated at the stakeholder meeting and potential alternatives were reviewed. The next stakeholder meeting is scheduled for 12 September 2013 and will be a focused discussion on options for monitoring and surveillance. Extra time will be provided after the meeting for stakeholders to revisit past topics and provide their feedback to staff. The monitoring in the Sacramento Valley case study area concludes at the end of September 2013 and results will be evaluated as part of a water quality report.

MUN Meeting Participation

On 12 July, Anne Littlejohn and Jeanne Chilcott met with representatives from California Department of Public Health's Drinking Water Program in Sacramento to discuss alternatives being considered under the MUN evaluation in Ag dominated water bodies project and to ensure regulatory consistency with their Drinking Water Program.

On 14 August, Anne Littlejohn and Jeanne Chilcott met with representatives from the California Urban Water Agencies and the Sacramento River Joint Source Water Protection Program to obtain stakeholder feedback on water quality objectives and implementation elements of the project.

On 19 August, Anne Littlejohn, Betty Yee, Jeanne Chilcott and Phil Woodward participated in a stakeholder meeting in Rancho Cordova.

More information on the project can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/index.shtml

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

General Waste Discharge Requirements (WDRs) Development

Individual Growers WDRs

The General WDRs for individual growers were adopted by the Central Valley Water Board at the 25/26 July meeting, becoming Order R5-2013-0100. Staff are developing a Notice of Intent form and will work with the State Water Board to develop an electronic version.

Tulare Lake Basin WDRs

On 27 August, revised tentative WDRs were posted on the Central Valley Water Board website for public review. The WDRs are scheduled to be considered for adoption on 19 September in Fresno.

On 28 August, Clay Rodgers, David Sholes, and Brent Vanderburgh attended a grower outreach event hosted by the Tule River Sub-watershed. Staff presented a general overview of grower requirements proposed in the tentative WDR and responded to questions asked by the audience. Representatives of the Tule Sub-watershed presented an outline of the third-party requirements and discussed some of the details regarding formation of a third-party under the new WDR.

Sacramento Valley Rice WDRs

On 2 August, the CRC submitted its final version of the Rice-Specific Groundwater Assessment Report (GAR). The report was posted on the ILRP long-term development website on 29 August.

On 9 August, the CRC and Regional Board staff had a conference call to discuss comments on the draft WDR and associated documents.

On 13 August, the administrative drafts of the WDR and associated documents for Rice Growers in the Sacramento Valley were posted for public comment. Comments are due by 13 September.

Sacramento River Watershed WDRs

On 2 July, Sacramento Valley Water Quality Coalition representatives and Regional Board staff met to discuss the draft Waste Discharge Requirements (WDR) and associated documents (e.g., draft Monitoring and Reporting Program [MRP] Order requirements, Information sheet) for Growers in the Sacramento Valley.

On 7 August, Joe Karkoski, Susan Fregien and Mark Cady met with representatives of the Sacramento Valley Water Quality Coalition to further discuss revisions in the MRP and the WDR documents.

On 5 September, Joe Karkoski, Susan Fregien and Mark Cady met with representatives of the Sacramento Valley Water Quality Coalition to discuss final revisions to the WDRs prior to the release of the administrative draft.

Delta WDRs

On 18 July, Joe Karkoski and Chris Jimmerson attended a board meeting of the San Joaquin County RCD to discuss the San Joaquin County and Delta WDRs.

On 26 July, staff provided the San Joaquin County and Delta Water Quality Coalition draft versions of the Delta Order's Information sheet and attachments for comment.

On 5 through 8 August, Chris Jimmerson and Brett Stevens attended grower outreach events hosted by the San Joaquin County & Delta Water Quality Coalition. Staff presented information on the proposed Waste Discharge Requirements, the schedule for the board's consideration of the WDRs, and opportunities for growers and other parties to comment. The meetings were held at four different locations in the Coalition area.

On 13 August, the administrative drafts of the WDR and associated documents for the San Joaquin County and Delta area were posted for public comment. Comments are due by 13 September.

Western San Joaquin River Watershed WDRs

On 27 June, Susan Fregien and Chris Jimmerson presented an overview of results from the Westside Coalition monitoring program at a Westside Stakeholder Meeting in Westley, CA.

On 9 July, Joe Karkoski, Susan Fregien, and Jelena Hartman participated in a phone conference with the Westside Coalition representatives regarding the potential revisions to the draft waste discharge requirements.

By the 15 July deadline, the Central Valley Water Board received six comment letters on the administrative draft of waste discharge requirements and a monitoring and reporting program for growers that are members of the third-party group within the Western San Joaquin River Watershed. Following the 30 July board workshop in Los Banos, staff is revising the draft WDR's for interested party review of tentative WDR's anticipated to be released in October of this year.

Westlands WDRs

On 30 July, a board workshop was held in Los Banos to discuss draft WDRs and receive comments from interested parties. Staff delivered a brief presentation about the area considered for coverage under the Order, the contents of the Order, and some of the major comments received during the public comment period.

Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections

In July and August, ILRP staff continued conducting inspections of parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. Staff conducted inspections on six days each in July and August, with a total of 289 parcels inspected. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 directives to commercial irrigated lands that are not covered by the East San Joaquin Coalition.

Compliance & Outreach – Water Code section 13260 Directives

In July, ILRP staff mailed 87 13260 directives to landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections). The directives require the recipients to submit proof of coalition membership or a Report of Waste Discharge. Additionally, 31 and 34 Notices of Violation were mailed in July and August, respectively, to growers who did not respond to 13260 directives mailed in June and July.

Compliance & Outreach – Complaint Investigation

On 19 August, ILRP staff responded to a complaint of chlorine being discharged to the Delta from a potato processing facility. Staff inspected the facility and collected a water sample at the point of discharge. Laboratory results indicate there is a potential for low concentrations of residual chlorine to be discharged to Delta waters. ILRP staff has turned this investigation over to the Compliance & Enforcement section. The investigation is currently ongoing.

Coalition Groups

East San Joaquin Water Quality Coalition

On 1 July, staff completed the review of the 1 March 2013 Annual Monitoring Report to the East San Joaquin Water Quality Coalition (Coalition). Staff determined that the Coalition complied with all monitoring and reporting requirements in 2012. The collected data are of high quality, meeting precision, accuracy, and completeness requirements, and the Coalition addressed the key programmatic questions. The review is posted on the Central Valley Water Board website.

On 1 July, the review of the 1 April 2013 Management Plan Update Report (MPUR) was sent to the East San Joaquin Water Quality Coalition (Coalition). The MPUR provides comprehensive information regarding achievement of the performance goals outlined in the Coalition's Management Plan, and evaluates management practice effectiveness to achieve compliance with applicable water quality standards. The review is posted on the Central Valley Water Board website.

On 1 July, Clay Rodgers, Joe Karkoski, Adam Laputz, Susan Fregien, Jelena Hartman and Dana Kulesza participated in a meeting with East San Joaquin River Water Quality Coalition representatives,

and staff from the State Water Resources Control Board and the US Geological Survey (USGS). Scientists from the USGS provided an overview of the Groundwater Ambient Monitoring and Assessment (GAMA) Program and presented a summary of the most recent results from the shallow groundwater monitoring in the Eastern San Joaquin River watershed. Upcoming GAMA groundwater monitoring efforts in the East-side Coalition area were described by the USGS. Potential coordination with the Long-term Irrigated Lands Regulatory Program efforts was discussed.

On 8 July, Ken Landau, Joe Karkoski, Jelena Hartman, and Mark Cady met with the agricultural representatives who participated in the development of the draft templates to discuss further steps for template development and revisions. After public comments are received and considered, the Executive Officer will approve, conditionally approve, or disapprove the templates.

On 11 July, the East San Joaquin Water Quality Coalition submitted its annual member participation list as required by Waste Discharge Requirements Order R5-2012-0116.

On 1 August, the East San Joaquin Water Quality Coalition (Coalition) submitted a Monitoring Program Update Report as required by Waste Discharge Requirements Order R5-2012-0116. The Monitoring Plan Update provides the surface water monitoring schedule for the period 1 October 2013 through 30 September 2014. The proposed Monitoring Plan is under staff review.

The East San Joaquin Water Quality Coalition (Coalition) templates for Farm Evaluation, Nitrogen Management Plan and Summary Report, and Sediment and Erosion Control Plan were open for public review and comments from 15 July through 16 August. Seven comment letters were received by the due date; all letters are posted on the Central Valley Water Board website. The Coalition may make additional revisions to templates per comments received from staff and from the public before the Executive Officer makes the final decision about the templates.

On 22 August, Joe Karkoski and Jelena Hartman met with the agricultural representatives to review proposed revisions to the ESJ WDR's and discuss the next steps in revisions to the templates.

On 22 August, Pamela Creedon, Joe Karkoski, and Jelena Hartman met with the East San Joaquin Water Quality Coalition to discuss their approach for reporting nitrogen ratios.

Sacramento Valley Water Quality Coalition (SVWQC)

On 1 September, the SVWQC submitted the Electronic Data Deliverables consisting of the monitoring results of the second quarter of 2013. This data will be reviewed for completeness and format by staff.

San Joaquin County and Delta Water Quality Coalition

On 5 July, the Executive Officer approved the San Joaquin and Delta Coalition's request to replace Drain to Bishop Cut at North Rio Blanco Road with the Empire Tract at 8 Mile Road because access has not been available due to construction activities. This will modify the sampling routine in the Coalition's Monitoring and Reporting Program Plan.

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

On 14 June, representatives from the Buena Vista Water Storage District (District) submitted a Notice of Intent to form a Coalition under Resolution R5-2011-0032 (Conditional Waiver). On 25 June, the Assistant Executive Officer issued a Notice of Applicability to the Buena Vista Coalition designating the District as a representative Coalition under the Conditional Waiver for growers within a portion of Kern County.

Westside Coalition

On 27 June, staff presented monitoring results and discussed the long-term ILRP at a Stakeholder Meeting in Westley for the Westside Coalition.

On 2 July, staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

On July 24, Joe Karkoski and Chris Jimmerson met with the Department of Pesticide Regulation staff to discuss organophosphate exceedance results in the Westside Coalition area. Chlorpyrifos and diazinon exceedances appear to be frequent in several watersheds. DPR staff indicated they would contact

Stanislaus and Merced County agriculture commissioners to discuss strategies to address the exceedances. Water board staff will follow up with DPR.

On 29 July, the Westside San Joaquin River Watershed Coalition submitted its Focused Plan IV Management Plan for Blewett and Marshall Drain. The Focused Plan addresses exceedances in these subwatersheds by identifying irrigated agriculture source, identifying management practices to implement and more. The Focused Plan is under staff review.

On 14 August, the Executive Officer approved the Westside San Joaquin River Watershed Coalition management plan implementation schedule. The amendment will continue the management plan schedule to 2016, identifying and prioritizing new watersheds to address water quality concerns.

On 27 August, staff and Westside Coalition representatives held a Quarterly Management Plan meeting to review the status and progress of management plans.

On 3 September, staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

California Rice Commission Coalition

On 2 July, the CRC submitted corrective actions, as requested, per the staff review of the 2013 Annual Monitoring Report (AMR). The corrective actions were necessary to ensure quality assurance/quality control (QA/QC) requirements.

Grasslands Bypass Project

On 16 July, Joe Karkoski and Rudy Schnagl held a conference call with representatives of the Grassland Bypass Project (the US Bureau of Reclamation and San Luis & Delta-Mendota Water Authority) to discuss a portion of the updated WDRs that are under preparation. Comments were received and the timeline for future actions was discussed.

Other Projects

Data Management

Data from 2009 through 2012 for all Coalitions are available to the public on CEDEN. The next transfer is planned for mid-October and will add data through early 2013 for some coalitions. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in acceptable condition through 1 September 2013 are currently being processed and loaded into the California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). This data is planned to be transferred to CEDEN in early January.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside Coalition and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by both Coalitions since program inception. The current goal is to complete the Westside Coalition data by the end of the year.

Rice Pesticides Program

The Rice Pesticides Program (RPP) monitoring was completed early in July. Monitoring of thiobencarb showed three exceedances of the performance goal in drains. No detections of thiobencarb were observed at the West Sacramento or City of Sacramento water intakes. A stakeholder meeting will be scheduled in October to discuss the 2013 season results.

Prop 84 Grant Funding

Fifty projects have been completed and invoiced to date. Twenty-seven projects are still open. The completion and invoicing of projects are required by December 2014.

Field measurements have begun as part of a study to validate the accuracy of the soil erosion model. The model is scheduled to be completed in December 2013.

The CURES website at <http://www.curesworks.org/bmp/projects84.asp> has additional information on the Prop 84 funding and photos of completed projects.

GENERAL

1. **Non-Point Source Grant Program**

Approximately \$4.5 million dollars is available for the 2014 CWA Section 319(h) Grant Solicitation. The purpose of the program is to support implementation and planning/assessment activities to improve water quality and restore beneficial uses in watersheds with completed Total Maximum Daily Loads or TMDLs under substantial development. Concept proposals are due 12 September.

On 6 August, Marisa Van Dyke attended the California Wetland Monitoring Work Group meeting. The meeting included discussions on: SWAMP's endorsement of the California Rapid Assessment Method (CRAM); online roll-out of the eCRAM and EcoAtlas websites; State Water Board's Wetland Policy; potential application fee increase for 401 Water Quality Certification; and biological objectives development for streams.

2. **Storm Water**

On 19 June, Gen Sparks met with Placer and El Dorado County representatives to discuss permit requirements under the new Phase II MS4 permit. The meeting included a review of the first year obligations for municipalities and coordinating water quality monitoring and public education requirements within each county.

On 12 July, Gen Sparks, Chris Joab, Marisa Van Dyke, and Matt Pavelchik attended a meeting at the Port of Stockton to discuss permit requirements under the Phase I MS4 permit. The meeting included discussions on the proposed Storm Water Management Plan and overview of the storm water conveyance system. The meeting was followed by a site tour of the port, including water quality sampling locations and aeration facilities used to mitigate low dissolved oxygen levels.

On 24 July, Gen Sparks attended the San Joaquin Valley Stormwater Quality Partnership meeting which was attended by the Counties of San Joaquin and Stanislaus and associated cities. The meeting included discussions on the new Phase II MS4 permit, including permit enrollment, a review of the first year obligations for municipalities, water quality monitoring requirements, training opportunities, and coordinated public outreach efforts.

On 8 August, Gen Sparks attended the Yolo-Solano County Stormwater Coordination Committee meeting which was attended by Yolo County and the Cities of Dixon and Davis. The meeting included discussions on the new Phase II MS4 permit, including permit enrollment, a review of the first year obligations for municipalities, water quality monitoring requirements, and available training materials for municipal staff.

On 4 September, Gen Sparks attended the Placer Regional Stormwater Coordination Group meeting which was attended by El Dorado and Placer Counties and associated entities. The meeting included discussions on the new Phase II MS4 permit, including permit enrollment, the possibility of coordinating public outreach across the region, water quality monitoring, and developing ordinances in compliance with the permit.

3. **Timber**

On 17 August, the Rim fire began in Tuolumne County and as of 4 September had burned approximately 250,000 acres including some acreage in the Yosemite National Park. As of 10 September, the fire is 80% contained. Full containment is expected by 20 September 2013.

The United States Forest Service is preparing to deploy Burned Area Emergency Response teams (BAER) as early as 9 September. The BAER teams consist of members from varying disciplines (geology, biology, hydrology, etc.) and are responsible for assessing the post-fire impacts to various resources of concern. The primary resources of concern are those relating to human health and safety, with protection of natural resources immediately following in priority.

The Central Valley Water Board will be sending two Engineering Geologists to assist with the assessment effort (Marty Hartzell and Drew Coe).

It is likely that a second BAER team from the National Park Service will be deployed to cover post-fire assessment within Yosemite's boundaries. According to CalOES, it is also possible that a state team, in the form of the State Emergency Assessment Teams (SEAT) begun under Schwarzenegger in 2008,

could be called to assess issues on private lands within the Rim fire boundaries. Central Valley Water Board Timber Harvest regulatory program staff will be in frequent communication with federal USFS, National Parks and CalOES over the next several weeks to ensure opportunities for protecting or mitigating threats to water quality will not be missed.

4. **Oil Field Production Wastes**

Staff is actively reviewing oilfield activities to evaluate potential impacts to water quality. As a part of this review, we will be requesting oil production companies operating in the Region to submit information regarding oil well drilling and oil well stimulation activities. The information will be used to assess the potential threat to water quality posed by the discharge and solidification of oil well drilling and post-drilling liquids.

PUBLIC OUTREACH

On 8 July, Ben Letton attended a Feather River CRM Steering Committee meeting in Quincy, CA. The focus of the meeting and discussion was on the effects of pond and plug restoration projects on downstream water users.

On 12 July, Christine Joab, Genevieve Sparks, Marisa Van Dyke, and Matthew Pavelchik met with the Environmental Program Manager, Jeff Wingfield, of the Port of Stockton and his staff to tour the facility and discuss their Storm Water Permit.

On 16 July, Drew Coe attended the Battle Creek Working Group meeting in Red Bluff and participated in a discussion of post Ponderosa Fire monitoring results.

On 16 July, Joe Karkoski gave a presentation on the Irrigated Lands Regulatory Program to the Western Plant Health Association at their regulatory conference. Joe was part of a panel that included agricultural presenters, as well as Central Coast Water Board staff.

On 17 July, Phil Woodward gave a talk to members of the Interstate Technology Regulatory Council (ITRC) on abandoned mines and cleanup methodologies utilized in the Shasta Copper Mining District. The ITRC members were in Redding to complete edits on a manual describing the construction and operation of biochemical reactors for the cleanup of mining wastes. On 18 July, Mr. Woodward led the group on a tour of Iron Mountain Mine.

On 17 July, Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted the implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit, and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. (AMM)

On 18 July, Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of five instructors for the 2.25 hour training on the ITRC document *Integrated DNAPL Site Strategy* (November 2011). This is the fourth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 168 people world-wide attended this training. (AMM)

On 25 July, Joe Karkoski attended an NRCS strategic planning meeting, which included a variety of stakeholders involved in agricultural issues. The discussion focused around how the voluntary approach used by NRCS fits within an environment of increasing regulation of agriculture. NRCS will use the stakeholder input to develop their strategic plan.

On 25 July, Water Board staff Katie Connaughton, Eric Rapport, Ben Letton, and Greg Cash, met with Perry Lebeouf and Scott McReynolds of the Department of Water Resources (DWR) to discuss the recent groundwater sampling event in the Antelope Area, near Red Bluff in Tehama County. The purpose of the meeting was to determine the scope of work for the next round of sampling scheduled to occur in September 2013. In late May and early June 2013, DWR sampled sixty-nine (69) domestic wells for nitrate as NO₃. In ten of these wells concentrations of nitrate were detected above the 45 mg/L MCL. Twenty of the wells detected concentrations of nitrate between half the MCL to the MCL (22.5 mg/L-45 mg/L). Central Valley Water Board staff is providing laboratory and technical assistance to DWR during the next round of sampling so that additional analyses may be included. Water Board staff proposed that a subset of the wells also include analysis of stable isotopes, sucralose, bacteriological, and major ion geochemistry. These additional parameters may be used to evaluate contributing sources of increased nitrates in the Antelope Area, which could assist Central Valley Water Board staff determine the appropriate regulatory measures to protect beneficial uses of groundwater in the Antelope Area. DWR has been monitoring nitrate levels in groundwater in the Antelope Area since 1985. The most recent sampling event occurred in 2002. (KC)

On 30 July, Ben Letton and Whitney Brown attended a field tour of the Ash Creek Wildlife Restoration Project near Bieber, CA. The Ash Creek Wildlife Refuge is managed by the Department of Fish and Wildlife and has received over \$1,000,000 in Proposition 84 money for restoration and enhancement work. Other

agencies that attended the field tour were USFWS, USFS, CDF, Fall River RCD, Pit River RCD, DWR, and Assemblyman Brian Dahle.

On 31 July, Janis Cooke participated in a workshop convened by Clean Water Action and the California Indian Environmental Alliance to discuss possible ways to fund and implement future exposure reduction programs aimed at reducing exposure to pollutants in fish and shellfish.

On 8 August, Janis Cooke and Patrick Morris met with Debbie Webster and other representatives of the CVCWA to discuss revisions to their methylmercury control study work plan.

On 13 August, Janis Cooke, Chris Foe, and Patrick Morris met with members of the Delta methylmercury Open Water Workgroup (includes DWR, State Lands Commission, Central Valley Flood Protection Board, and US Bureau of Reclamation) to discuss comments from the Delta methylmercury technical advisory committee and revisions to the study plan for methylmercury in open water. The Open Water Work Group plans to model methylmercury in the Delta and Yolo Bypass as a way to evaluate effects on methylmercury of potential changes in water management and land use.

On 13 August, Greg Cash was a presenter at the CWEA Wastewater Operator Certification Workshop in Redding. The Workshop included a representative from the SWRCB Office of Operator Certification Program, along with a representative from the SWRCB Office of Enforcement. The workshop presented information to approximately 40 wastewater treatment plant operators from the northern California area, regarding the New Wastewater Operator Program Regulations that became effective on 1 April 2013. Topics included new regulations for Class I WWTP's, new educational requirements, new operator classifications (lone operator, provisional operator), and impacts of the new regulations on existing facilities. The major change in Operator Regulations is a requirement that all WWTPs with above ground wastewater disposal, which have Waste Discharge Requirements through the Regional Boards, must have a minimum Grade I WWTP Operator within two years, or receive an exemption from the SWRCB.

On 13 and 14 August Alex MacDonald participated in ITRC's Integrated DNAPL Team meeting. The two-day meeting was used to continue development of the team's next document – Characterization of Sites Containing DNAPLs. The document provides regulators and the regulated community with new concepts on investigation approaches and new tools to be used to provide the needed characterization information. The document is scheduled to be finalized in 2014 and have internet-based training on it to commence shortly thereafter.

On 15 August, Janis Cooke, Chris Foe, and Patrick Morris met with the Mercury Management Unit of DWR and staff of the California Department of Fish and Wildlife to discuss comments from the Delta methylmercury technical advisory committee on study of methylmercury production in tidal wetlands.

On 15 August, Guy Chetelat and Ben Letton attended a Sacramento River Watershed Program meeting in Redding regarding funding opportunities, Integrated Regional Water Management, and the current Delta initiative. The meeting was well attended by Resource Conservation Districts, Watershed Groups and State resource agencies.

On 16 August, Janis Cooke and Patrick Morris held separate meetings with staff of the storm water quality programs for the County of San Joaquin and City of Stockton and the Sacramento Storm Water Quality Partnership. Both meetings were to discuss revisions to their methylmercury control study work plan.

On 19 August, Joe Karkoski attended a meeting of the Bay Delta Conservation Plan's Farmland Agency Workgroup to further discuss the DWR strategies to help maintain farming in the Delta.

On 20 August, Meghan Sullivan participated in the California Estuary Monitoring Workgroup meeting to approve final content for the launch of a new portal on the My Water Quality website. Initially the portal will focus on the status and trends of various biological resources in the Sacramento-San Joaquin Bay-Delta estuary. The website is expected to be ready by the State of the Estuary conference in late October.

On 20 August, Christine Joab and Sue McConnell attended an update meeting at UC Davis to discuss preliminary results from an ex-situ toxicity testing project being conducted on the Sacramento River at Hood.

On 21 August, Christine Joab and Jeanne Chilcott met with Kristin Honeycutt of DWR and consultants for the Yuba County Integrated Regional Water Management Group to discuss the development of a salt and nutrient management plan as required in State Board's Recycled Water Policy.

On 22 August Alex MacDonald and James Taylor presented updates on the cleanup activities at Aerojet and the Inactive Rancho Cordova Test Site, and the former McClellan Air Force Base, respectively, to the Sacramento Groundwater Authority. This meeting is held to provide communication between Regional Water Board staff and the water purveyors in Sacramento County.

On 22 August, Holly Grover and Matthew Freeze with the State Water Board met with stakeholders in Lake County to discuss the CWA 319(h) grant solicitation. Stakeholders brought forth questions regarding project applicability to the grant program guidelines, project concepts and general questions regarding the Clear Lake Nutrient TMDL implementation strategy and how to obtain grant funding for planning and implementation activities. Grant applications are due 12 September, by 5:00 pm.

On 22 August, Janis Cooke attended a presentation hosted by State Water Resources Control Board Basin Planning staff on the subject of the biochemical interactions between selenium and mercury. The presentation was given by researchers from the Energy and Environmental Research Center at the University of North Dakota.

On 27 August, Guy Chetelat and Ben Letton attended the Bureau of Reclamation's public meeting in Lakehead seeking input on the proposal to transport salmon past Shasta Dam. The first phase of the proposal includes habitat and feasibility studies. There was general support for the concept of returning salmon to their historic cold-water habitat. Concerns were raised about potential for regulation of property owners under the endangered species act and the difficulty in successfully capturing and transporting large numbers of live fish.

On 28 August, Betty Yee participated in a Water Plan meeting regarding the Desalinization Resource Management Strategy.

On 29 August, Clay Rodgers (Assistant Executive Officer), Douglas Patteson, and Douglas Wachtell attended the California Oil and Gas Workgroup meeting in Bakersfield, Kern County. The Workgroup consists of representatives from Federal and State regulatory agencies, and major oil producers. The Workgroup met to discuss new and on-going regulatory issues related to oil and gas exploration and production.

On 30 August, Clay Rodgers met with the Independent Oil Producers' Agency (IOPA) in Taft, to discuss the Central Valley Water Board's oil field regulatory program with smaller, independent oil producers.

On 3 September, Janis Cooke participated in a meeting to help develop the monitoring plan being developed for the Lower Yolo Restoration Project in the Yolo Bypass north of Liberty Island. The State and Federal Water Contractors Agency aims to monitor the effectiveness of the restoration at improving fish habitat by boosting primary productivity and will collect information about other water quality parameters, including mercury.

PERSONNEL AND ADMINISTRATION

PERSONNEL REPORT

June 22, 2013 – August 30, 2013

<u>Total Positions</u>	<u>Permenant</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
280.7	231.7	36	13	11	7

Promotions:

Adam Laputz – Supervising WRCE

Leave of Absence:

Leticia Valadez

Return from LOA:

Diane Beaulaurier

Ann Palmer

Permanent Staff

<u>Separations</u>	<u>New Hires</u>
Calvin Yang - ES Franchelle Contreras - OT	Emily Cushman - EG Robert L'Heureux – Enforcement Coordinator Steven Rooklidge - WRCE

Temporary Help Staff

Dancy Yang Joshua Parkhurst Zachary Gomer Elizabeth Varner Heather Stoffel	Benjamin Lehmann Rajmir Rai Bao Vang Rameshwor Kaphle Christopher Olvera Elizabeth Varner Dustin Pierce Aaron Van Slyke
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TRAINING REPORT

June 22, 2013 – August 30, 2013

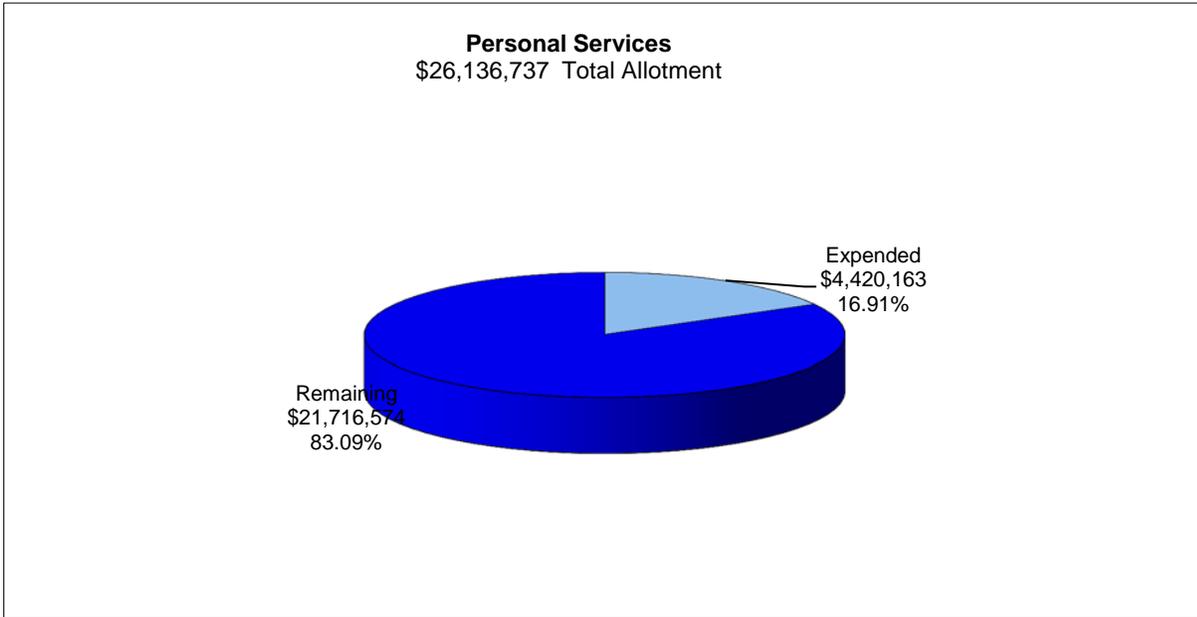
<u>Course Title</u>	<u>Number of Attendees</u>
Introduction to Environmental Statistics	3
Basic CEQA Training for the Waterboards	12
Basic Supervision for State Supervisors - Part 1	2
CAL/EPA Basic Inspector Academy	3
CEQA for 401 Certifications and Hydropower	3
Course #310: Cal/EPA Basic Inspector Academy	2
Defensive Drivers Training	3
Endangered Species Regulation & Protection	9
Environmental Statistics	8
Field Safety Training 08/05/2013	1
Groundwater Pollution & Hydrology	1
Introduction to Environmental Statistics	3
Leveraging Tentatively Identified Compounds in Env. Investigations	5
Lump Sum Separation Pay	1
Non-detects and Data Analysis IV	2
NPDES SIP Based Permit Writer Training	1
Performance Measures from the CIWQS Database (OIMAtrng083)	2
Pretreatment 101 Series	1
Sanitary Sewer Overflow Spill Estimation	10
Time Management/Course No. 340	1

Webinar 2013: Regression and Trend Analysis for Data with Non-detects	1	1
Webinar 2013: Hypothesis Tests with Non-detects		3
Wetland Delineation Regulatory IV Training Course		1
Word Training for NPDES Templates		10
Writing for Professionals: Editing		1
Writing for Scientific Professionals: Grammar & Punctuation		1
Writing for Scientific Professionals: It's All About Structure		1

FISCAL REPORT
Expenditures through
(16.6% should have been expended to date)

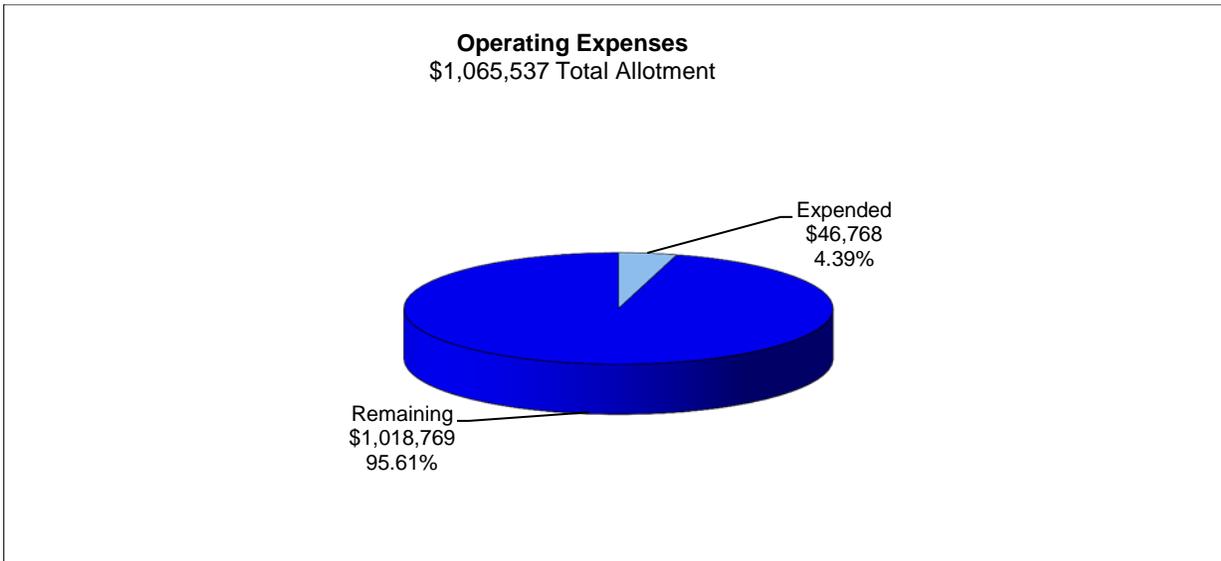
Personal Services:

Our Personal Services budget for the 2013/14 Fiscal Year is \$26,136,737.



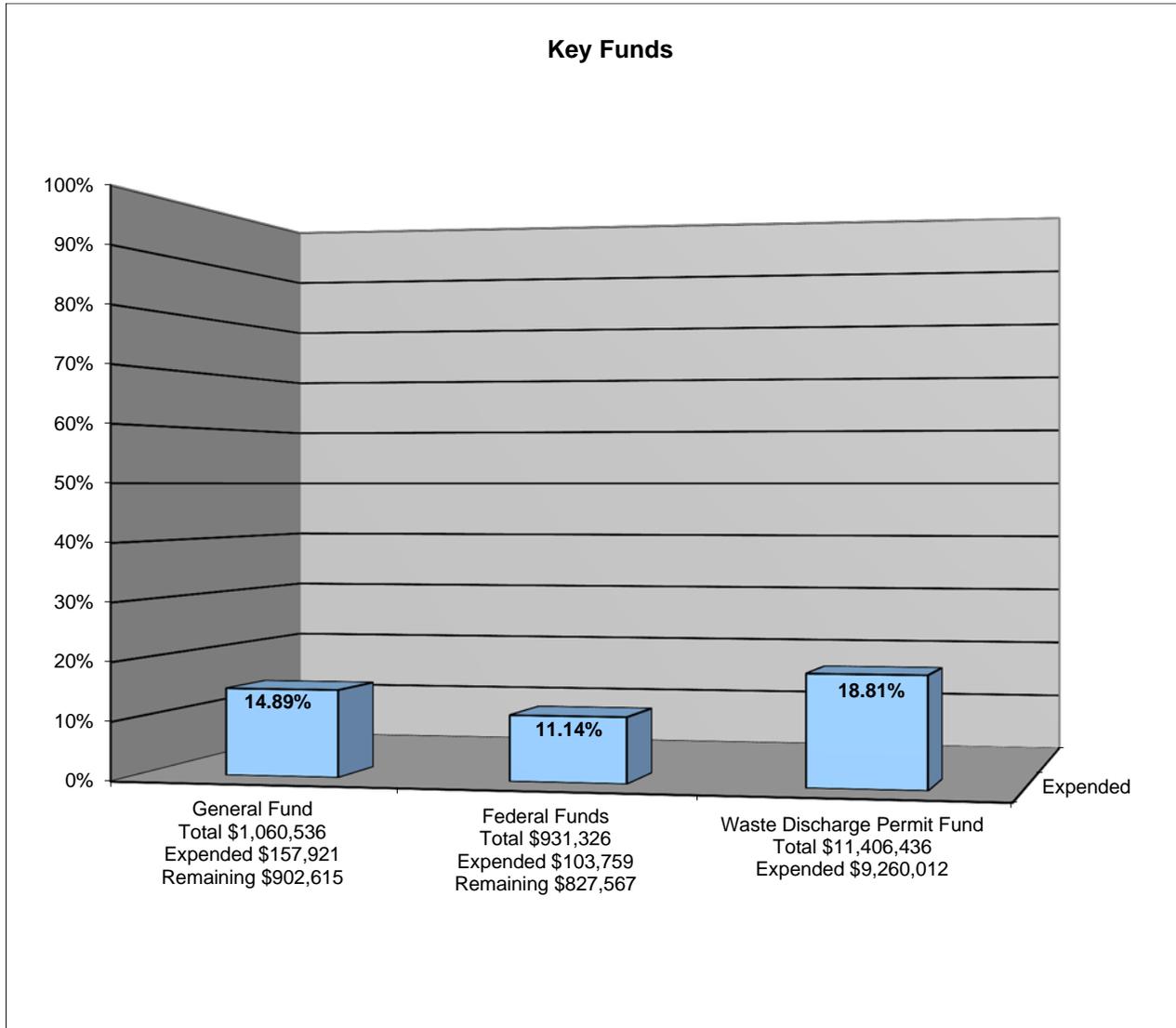
Operating Expenses:

Our Operating Expense budget for the 2013/14 Fiscal Year is \$1,065,037.



Key Fund Issues:

All key funds are being expended at a reasonable level.



FUTURE BOARD ACTIVITIES

The following are significant Board meeting actions anticipated for the next three Board meetings. This is not a complete listing of all Board meeting items. This listing is tentative and subject to change for many reasons. The listing is intended to give a longer-range view of planned Regional Board activities per program.

DECEMBER 2013 BOARD MEETING

NPDES PROGRAM – PERMITTING

- City of Clovis Permit Renewal
- City of Alturas WWTP Permit Renewal
- Burney Forest Products Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal
- Southern Cal Edison, Balsam Meadow Permit Renewal
- Ironhouse Sanitary District WWRf Permit Renewal
- City of Jackson WWTP Permit Renewal
- El Dorado Irrigation District Deer Creek Time Schedule Order

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Hughson Nut Company (New WDRs)
- The Wine Group, Franzia-Sanger (Revised WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)
- Butte CSA #135, Keefer Creek Subdiv. Phase II (Revised WDRs)
- Compost Solutions (Revised WDRs)
- Shasta Renewable Resources LLC (New WDRs)
- So. San Joaquin Irr. District, De Groot Water Treatment Plant (New WDRs)
- Garlic Company (Revised WDRs)
- Low Threat Waiver Resolution R5-2008-0182 (Renewal)
- Olam Key Foods Ingredients (Revised WDRs)
- Friant Ranch WWTF (New WDRs)
- Paramount Farms, El Dorado Pistachio Plant (Revised WDRs)
- Morningstar Packing Company, Williams Tomato Processing Facility (Revised WDRs)

STORM WATER PROGRAM - PERMITTING

- Bakersfield Municipal Separate Storm Sewer System Permit (Permit Renewal)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- SPI Martell (Revised WDRs)
- McCourtney Landfill (Revised WDRs)
- Forward Landfill (Revised WDRs)
- Walker Mine (CAO)

JANUARY 2014 BOARD MEETING – LOS BANOS

IRRIGATED LANDS REGULATORY PROGRAM

- Waste Discharge Requirements General Order for Growers within the Westside San Joaquin River Watershed that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Western Tulare Lake Basin Area that are Members of a Third-Party Group (New WDRs)

FEBRUARY 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Calaveras County Water District Forest Meadows WWTP Permit Renewal
- City of Stockton Regional Wastewater Control Facility Permit Renewal

- City of Shasta Lake WWTP Permit Renewal
- City of Anderson WWTP Permit Renewal
- Mariposa PUD WWTF Permit Renewal
- City of Visalia WWTP Permit Renewal
- SPX Marley Groundwater Treatment System Permit Renewal
- City of Rio Vista Beach WWTP Permit Renewal
- City of Placerville Hangtown Creek WWTP Permit Renewal
- City of Lincoln WWTP Permit Renewal

STORM WATER PROGRAM - PERMITTING

- Port of Stockton Storm Water Management Plan Approval
- City of Stockton/ San Joaquin County Development Standards Manual Approval

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Baker Commodities, Kerman (Revised WDRs)
- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- Panoche Energy LLC (New WDRs)
- GWF Henrietta (New WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Wilbur Packing, Yuba City Prune Processing Facility (New WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- California Nuggets, Ripon Corn Processing Facility, (New WDRs)

MARCH 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Merced WWTF Permit Renewal
- Malaga CWD Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal
- Deuel Vocational Institution WWTP Permit Renewal
- City of Roseville, Dry Creek WWTP Permit Renewal
- City of Roseville, Pleasant Grove WWTP Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Delhi WWTF (Revised WDRs)
- Delano Growers Grape Products (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- 16 to 1 Mine Permit Issuance
- City of Live Oak WWTP Permit Amendment
- Crystal Creek Aggregate Inc. Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- SPI-Burney Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- SWA at Mountain Gate – Permit Renewal
- University of California, Davis Aquatic Weed Lab Permit Rescission
- Yosemite National Park, El Portal WWTF Permit Renewal
- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- Community Drinking Water Systems Statewide General Order
- Stallion Springs Permit Renewal
- McClellan Air Force Base Groundwater Cleanup Permit Renewal
- Mather AC&W Groundwater Cleanup Permit Renewal

- City of Williams WWTP Permit Renewal
- Lava Cap Mine Permit Rescission

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Del Monte Plant 24 (Revised WDRs)
- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)
- Paramount Farms King Facility (Revised WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- Sacramento Rendering Company (Revised WDRs)
- Sunny Gem, LLC Almond Plant (New WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- City of Isleton, Isleton Wastewater Treatment Facility (Revised WDRs)
- Seneca Mine (New WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)
- City of Redding, Redding Power (Revised WDRs)
- USDI National Park Service, Whiskey Creek Recreation Area (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Berrendos CSD Treatment System (Revised WDRs)
- Butte CSA, Stirling City Ponds (Revised WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Revised WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- USDA Forest Service, Canby Ranger Station (Revised WDRs)
- CA Department of Forestry, Devils Garden Conservation Camp (Revised WDRs)
- CA Department of Forestry, Valley View Conservation Camp (Revised WDRs)
- Bianchi Vineyards (Revised WDRs)
- City of Farmersville (Revised WDRs)
- Gateway Village WWTF (New WDRs)
- City of Dixon, Dixon WWTF (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Coalinga Landfill (Revised WDRs)
- Orange Avenue Landfill (Revised WDRs)
- North Belridge Solid Waste Disposal Site (Revised WDRs)
- Zenda Mine (Revised WDRs)
- Hanford Landfill (Revised WDRs)
- Earlimart Landfill (Revised WDRs)
- Teapot Dome Landfill (Revised WDRs)
- Pactiv Landfill (Revised WDRs)

STORM WATER PROGRAM – PERMITTING (These may be going into a Regional Permit instead of Individual Permits)

- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Phase I Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Stockton/San Joaquin County Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Modesto Municipal Separate Storm Sewer System Permit (Permit Renewal)

ATTACHMENT A

Count of Spills 1 July - 30 August 2013

Count of Spills										
	5F		5F Total	5R		5R Total	5S		5S Total	Grand Total
Start Date	Category 1	Category 2		Category 1	Category 2		Category 1	Category 2		
Sep	0	9	9	0	1	1	4	97	101	111
Oct	1	5	6	0	1	1	6	24	30	37
Grand Total	1	14	15	0	2	2	10	121	131	148

Spill Cause	Count of Spills
Root intrusion	77
Debri-General	20
Grease deposition (FOG)	18
Other	9
Debri-Rags	3
Operator error	4
Pump station failure	2
Pipe structural problem/failure	12
Vandalism	3
Grand Total	148

Category 1 All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system that:

- A. Equal or exceed 1000 gallons, or
- B. Result in a discharge to a drainage channel and/or surface water; or
- C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2 All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system not meeting the definition of Category 1.

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	797500	Certified	Category 2	86604	Sacramento	No	2	0	07/01/13	Root intrusion
5S	City Of Antioch CS	797064	Certified	Category 2	1119 Albans Ct	Contra Costa	No	5	0	07/02/13	Root intrusion
5S	Hangtown Creek CS	796565	Certified	Category 1	715 Main St	El Dorado	Yes	90	90	07/02/13	Pipe structural problem/failure
5S	Riverbank CS	796434	Certified	Category 1	042 Falcon Ridge Lan	Stanislaus	No	9485	0	07/02/13	Other (specify below)
5S	Sacramento Area Sewer District CS	797501	Certified	Category 2	86737	Sacramento	No	3	0	07/02/13	Vandalism
5S	Sacramento Area Sewer District CS	797502	Certified	Category 2	86817	Sacramento	No	2	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	797503	Certified	Category 2	86830	Sacramento	No	2	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	797969	Certified	Category 2	86785	Sacramento	No	20	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	797972	Certified	Category 2	86881	Sacramento	No	2	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	797973	Certified	Category 2	86939	Sacramento	No	8	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	798099	Certified	Category 2	86659	Sacramento	No	5	0	07/02/13	Root intrusion
5S	Sacramento Area Sewer District CS	798180	Certified	Category 2	86663	Sacramento	No	1	0	07/02/13	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	797504	Certified	Category 2	86933	Sacramento	No	5	0	07/03/13	Root intrusion
5S	Sacramento Area Sewer District CS	797970	Certified	Category 2	86854	Sacramento	No	1	0	07/03/13	Operator error
5S	City of Stockton MUD CS	796600	Certified	Category 2	8549 Kelley Dr	San Joaquin	No	1	0	07/03/13	Debri-General
5S	Sacramento Area Sewer District CS	798016	Certified	Category 2	87066	Sacramento	No	142	0	07/04/13	Root intrusion
5S	Sacramento Area Sewer District CS	798093	Certified	Category 2	87018	Sacramento	No	1	0	07/04/13	Root intrusion
5S	California State Prison, Sacramento C	796536	Certified	Category 2	into A-Facility A-1 Blo	Sacramento	No	150	0	07/05/13	Debri-General
5S	Sacramento Area Sewer District CS	797505	Certified	Category 2	86960	Sacramento	No	2	0	07/05/13	Root intrusion
5S	Sacramento Area Sewer District CS	797506	Certified	Category 2	86989	Sacramento	No	22	0	07/05/13	Root intrusion
5S	Sacramento Area Sewer District CS	797905	Certified	Category 2	87060	Sacramento	No	8	0	07/05/13	Root intrusion
5S	Sacramento Area Sewer District CS	797974	Certified	Category 2	86964	Sacramento	No	3	0	07/05/13	Debri-General
5S	Sacramento Area Sewer District CS	798094	Certified	Category 2	87057	Sacramento	No	35	0	07/05/13	Root intrusion
5F	Clover Creek CS	796545	Certified	Category 2	loop Lodgepole Camp	Tulare	No	200	0	07/06/13	Debri-General
5S	Manteca CS	797454	Certified	Category 2	marion	San Joaquin	No	2	0	07/07/13	Debri-General
5S	Sacramento Area Sewer District CS	797911	Certified	Category 2	87072	Sacramento	No	2	0	07/07/13	Root intrusion
5S	City of Stockton MUD CS	796602	Certified	Category 2	5008 Moorcroft Ci	San Joaquin	No	21	0	07/07/13	Debri-General
5S	Lake of The Pines CS	796658	Certified	Category 2	e of the Pines golf cou	Nevada	No	160	0	07/08/13	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	797808	Certified	Category 2	87074	Sacramento	No	1	0	07/08/13	Root intrusion
5S	Davis CS	796648	Certified	Category 2	1427 union dr davis	Yolo	No	18	0	07/09/13	Debri-General
5F	City Of Bakersfield CS	796792	Certified	Category 2	10200 Bluffshadow Dr	Kern	No	40	40	07/10/13	Other (specify below)
5S	Marysville CS	798089	Certified	Category 2	606 J Street	Yuba	No	50	0	07/10/13	Root intrusion
5S	Sacramento Area Sewer District CS	797507	Certified	Category 2	87395	Sacramento	No	1	0	07/10/13	Root intrusion
5S	Sacramento Area Sewer District CS	797809	Certified	Category 2	87381	Sacramento	No	10	0	07/10/13	Root intrusion
5S	Sacramento Area Sewer District CS	797810	Certified	Category 2	87387	Sacramento	No	2	0	07/10/13	Root intrusion
5S	City of Stockton MUD CS	796676	Certified	Category 2	527 N Laurel St	San Joaquin	No	36	0	07/10/13	Grease deposition (FOG)
5F	City of Orange Cove CS	798043	Certified	Category 2	Street (300 block) all	Fresno	No	445	0	07/11/13	Root intrusion
5S	Sacramento Area Sewer District CS	797508	Certified	Category 2	87445	Sacramento	No	4	0	07/11/13	Root intrusion
5S	City of Stockton MUD CS	796752	Certified	Category 2	844 Yerba Buena Av	San Joaquin	No	2	0	07/11/13	Root intrusion
5F	Tuolumne Utilities District CS	796872	Certified	Category 2	anhole at end of buildi	Tuolumne	No	70	0	07/12/13	Root intrusion
5S	Sacramento Area Sewer District CS	797811	Certified	Category 2	87534	Sacramento	No	10	0	07/12/13	Debri-General
5S	Sacramento Area Sewer District CS	797813	Certified	Category 2	87555	Sacramento	No	1	0	07/12/13	Root intrusion
5S	Sacramento Area Sewer District CS	797912	Certified	Category 2	87565	Sacramento	No	30	0	07/12/13	Root intrusion
5S	Sacramento Area Sewer District CS	798095	Certified	Category 2	87529	Sacramento	No	4	0	07/12/13	Root intrusion
5S	Sacramento Area Sewer District CS	797598	Certified	Category 2	87616	Sacramento	No	4	0	07/13/13	Grease deposition (FOG)
5S	Dry Creek CS	797119	Certified	Category 2	618 Lassen Way	Placer	No	5	0	07/14/13	Root intrusion
5S	Sacramento Area Sewer District CS	796793	Certified	Category 1	87629	Sacramento	Yes	439	299	07/14/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	797509	Certified	Category 2	87633	Sacramento	No	2	0	07/14/13	Root intrusion
5S	Turlock CS	797667	Certified	Category 2	reet spill Petersons Co	Stanislaus	No	68	0	07/14/13	Grease deposition (FOG)
5S	City Of Antioch CS	797082	Certified	Category 2	2828 Garrow Drive	Contra Costa	No	2	0	07/15/13	Root intrusion
5S	Sacramento Area Sewer District CS	797510	Certified	Category 2	87656	Sacramento	No	3	0	07/15/13	Root intrusion
5S	Sacramento Area Sewer District CS	797600	Certified	Category 2	87676	Sacramento	No	2	0	07/15/13	Debri-General

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5F	Taft City CS	797517	Certified	Category 1	City of Taft	Kern	No	1000	0	08/02/13	Grease deposition (FOG)
5S	City of Stockton MUD CS	797576	Certified	Category 2	1420 W Euclid Av	San Joaquin	No	26	0	08/05/13	Debri-General
5S	SMD No. 1 CS	797996	Certified	Category 2	Saddleback Lift Station	Placer	No	10	0	08/06/13	Pipe structural problem/failure
5S	SMD No. 2 CS	797997	Certified	Category 2	once Drive, Map Page	Placer	No	60	0	08/06/13	Debri-General
5S	City of Stockton MUD CS	797900	Certified	Category 2	ne Valley Circle Stock	San Joaquin	No	24	0	08/08/13	Grease deposition (FOG)
5S	City of Woodland CS	797700	Certified	Category 2	107 Wyckoff Way	Yolo	No	250	0	08/08/13	Debri-Rags
5R	Mt Shasta CS	797958	Certified	Category 2	Memorial Highway and	Siskiyou	No	60	0	08/09/13	Debri-General
5S	City of Stockton MUD CS	797742	Certified	Category 2	533 W. Oak St	San Joaquin	No	4	0	08/09/13	Debri-General
5S	City of Woodland CS	797756	Certified	Category 2	1320 E. Main Street	Yolo	No	124	0	08/09/13	Grease deposition (FOG)
5S	Delta Diablo SD CS	797740	Certified	Category 1	Verne Roberts Circle	Contra Costa	Yes	45100	45100	08/10/13	Pipe structural problem/failure
5S	San Andreas CS	797732	Certified	Category 2	MH E-1225	Calaveras	No	300	0	08/10/13	Root intrusion
5S	San Andreas CS	797733	Certified	Category 2	MH E-220	Calaveras	No	100	0	08/10/13	Other (specify below)
5S	Ironhouse Sanitary District CS	798108	Certified	Category 2	121 Omega Lane	Contra Costa	No	200	0	08/11/13	Root intrusion
5S	Lincoln CS	798044	Certified	Category 2	406 A Street	Placer	No	10	0	08/12/13	Root intrusion
5S	Hangtown Creek CS	797893	Certified	Category 2	582 Canal Street	El Dorado	No	31	0	08/12/13	Debri-Rags
5S	Stonegate Village CS	797886	Certified	Category 2	13-01 - SG	Sutter	No	45	0	08/12/13	Pipe structural problem/failure
5F	Tuolumne Utilities District CS	798077	Certified	Category 2	n backyard of 677 E C	Tuolumne	No	400	0	08/13/13	Root intrusion
5S	City of Stockton MUD CS	797833	Certified	Category 2	623 N Edison St.	San Joaquin	No	12	0	08/13/13	Root intrusion
5S	City of Stockton MUD CS	797897	Certified	Category 2	. California St. Stockt	San Joaquin	No	12	0	08/13/13	Debri-General
5S	Sutter Creek CS	797875	Certified	Category 1	Highway 49 and Plea	Amador	No	1500	1200	08/14/13	Grease deposition (FOG)
5S	Deer Creek CS	798252	Certified	Category 2	DC-2013-08-06	El Dorado	No	500	0	08/16/13	Root intrusion
5S	City of Stockton MUD CS	797977	Certified	Category 1	105 Edan Ave	San Joaquin	No	1800	0	08/16/13	Debri-General
5S	West Sacramento CS	798259	Certified	Category 2	Portsmouth Avenue	Yolo	No	50	0	08/17/13	Debri-General
5F	City Of Bakersfield CS	798074	Certified	Category 2	York & Adanac ct	Kern	No	15	15	08/19/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	798110	Certified	Category 1	90535	Sacramento	Yes	16371	16371	08/19/13	Grease deposition (FOG)
5S	Delta Diablo SD CS	798472	Certified	Category 2	Blow-Off spill	Contra Costa	No	150	0	08/20/13	Pipe structural problem/failure
5S	Dry Creek CS	798351	Certified	Category 2	605 Oak Street	Placer	No	50	0	08/20/13	Root intrusion
5S	Dry Creek CS	798353	Certified	Category 2	2012 Katherine Place	Placer	No	5	0	08/20/13	Root intrusion
5S	San Andreas CS	798101	Certified	Category 2	MH-I 300	Calaveras	No	200	0	08/20/13	Root intrusion
5S	Delta Diablo SD CS	798137	Certified	Category 1	East 8th street	Contra Costa	Yes	1250	1250	08/21/13	Other (specify below)
5S	Lathrop CS to Manteca WQCF CS	798109	Certified	Category 2	hole at 15118 Ryhiner	San Joaquin	No	800	0	08/21/13	Pump station failure
5S	City Of Auburn CS	798257	Certified	Category 2	417 Orchard CT	Placer	No	200	0	08/22/13	Root intrusion
5F	Clovis City CS	798150	Certified	Category 2	2414 Woodworth	Fresno	No	20	0	08/23/13	Grease deposition (FOG)
5F	Los Banos City CS	798280	Certified	Category 2	e and Bluff Drive, Los	Merced	No	26	0	08/25/13	Pump station failure
5F	City Of Bakersfield CS	798319	Certified	Category 2	30th & Spruce st	Kern	No	5	2	08/26/13	Grease deposition (FOG)
5S	City of Stockton MUD CS	798214	Certified	Category 1	1550 W. Fremont St.	San Joaquin	Yes	7000	5030	08/26/13	Pipe structural problem/failure
5S	City of Stockton MUD CS	798282	Certified	Category 2	2112 S. Union St.	San Joaquin	No	6	0	08/27/13	Root intrusion
5S	Sacramento Area Sewer District CS	797601	Certified	Category 2	87698	Sacramento	No	2	0	07/15/13	Root intrusion
5S	Sacramento Area Sewer District CS	797602	Certified	Category 2	87786	Sacramento	No	2	0	07/15/13	Root intrusion
5F	Wasco State Prison CS	797677	Certified	Category 2	ASCO STATE PRISC	Kern	No	80	0	07/16/13	Debri-Rags
5R	Red Bluff CS	796910	Certified	Category 2	212 South Main	Tehama	No	15	0	07/16/13	Grease deposition (FOG)
5F	City Of Bakersfield CS	797099	Certified	Category 2	Obregon & Cerralvo	Kern	No	5	0	07/17/13	Grease deposition (FOG)
5F	Wasco State Prison CS	797679	Certified	Category 2	ASCO STATE PRISC	Kern	No	100	0	07/17/13	Debri-General
5S	Sacramento Area Sewer District CS	798017	Certified	Category 2	87965	Sacramento	No	2	0	07/17/13	Other (specify below)
5S	Sacramento Area Sewer District CS	797604	Certified	Category 2	88056	Sacramento	No	2	0	07/18/13	Root intrusion
5S	Sacramento Area Sewer District CS	797605	Certified	Category 2	88072	Sacramento	No	2	0	07/18/13	Operator error
5S	Sacramento Area Sewer District CS	797814	Certified	Category 2	88162	Sacramento	No	2	0	07/18/13	Root intrusion
5F	City Of Bakersfield CS	797110	Certified	Category 2	5100 Ming Ave	Kern	No	10	10	07/19/13	Other (specify below)
5S	Sacramento Area Sewer District CS	797606	Certified	Category 2	88174	Sacramento	No	3	0	07/19/13	Debri-General
5S	Sacramento Area Sewer District CS	797607	Certified	Category 2	88227	Sacramento	No	10	0	07/19/13	Root intrusion
5S	Sacramento Area Sewer District CS	797608	Certified	Category 2	88243	Sacramento	No	2	0	07/19/13	Root intrusion
5S	Sacramento Area Sewer District CS	798181	Certified	Category 2	88207	Sacramento	No	5	0	07/19/13	Root intrusion

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Grass Valley City CS	797080	Certified	Category 2	821 West Main Street	Nevada	No	30	0	07/20/13	Root intrusion
5S	Hangtown Creek CS	797379	Certified	Category 2	1332 Broadway	El Dorado	No	47	0	07/20/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	797609	Certified	Category 2	88248	Sacramento	No	2	0	07/20/13	Root intrusion
5S	El Dorado Hills CS	797442	Certified	Category 2	EDH-2013-07-02	El Dorado	No	60	0	07/21/13	Other (specify below)
5S	Sacramento Area Sewer District CS	797611	Certified	Category 2	88257	Sacramento	No	5	0	07/21/13	Root intrusion
5S	Sacramento Area Sewer District CS	797612	Certified	Category 2	88258	Sacramento	No	10	0	07/21/13	Root intrusion
5S	Sacramento Area Sewer District CS	797614	Certified	Category 2	88260	Sacramento	No	5	0	07/21/13	Root intrusion
5S	Sacramento Area Sewer District CS	797617	Certified	Category 2	88261	Sacramento	No	2	0	07/21/13	Root intrusion
5S	Sacramento Area Sewer District CS	797618	Certified	Category 2	88263	Sacramento	No	2	0	07/21/13	Root intrusion
5S	City Of Folsom CS	797391	Certified	Category 2	1112 Kingfisher Cir	Sacramento	No	12	0	07/22/13	Pipe structural problem/failure
5S	City Of Folsom CS	797392	Certified	Category 2	124 Briarcliff Dr	Sacramento	No	3	0	07/22/13	Root intrusion
5S	Calaveras Big Trees State Park CS	797388	Certified	Category 2	as State Park; Oak Hill	Calaveras	No	120	0	07/23/13	Root intrusion
5S	Sacramento Area Sewer District CS	797619	Certified	Category 2	88352	Sacramento	No	2	0	07/23/13	Root intrusion
5S	San Andreas CS	797139	Certified	Category 2	639 Gold Oak Rd	Calaveras	No	15	0	07/23/13	Operator error
5S	Sacramento Area Sewer District CS	797620	Certified	Category 2	88456	Sacramento	No	3	0	07/24/13	Root intrusion
5S	Sacramento Area Sewer District CS	797817	Certified	Category 2	88536	Sacramento	No	3	0	07/24/13	Root intrusion
5S	Sacramento Area Sewer District CS	798096	Certified	Category 2	88471	Sacramento	No	2	0	07/24/13	Operator error
5S	City Of Auburn CS	797522	Certified	Category 2	156 Electric ST SSO	Placer	No	120	0	07/25/13	Other (specify below)
5S	Sacramento Area Sewer District CS	797621	Certified	Category 2	88555	Sacramento	No	5	0	07/25/13	Root intrusion
5S	Sacramento Area Sewer District CS	798018	Certified	Category 2	88611	Sacramento	No	35	0	07/25/13	Root intrusion
5S	Forest Meadows CS	797314	Certified	Category 2	Hwy 4 LS Force Main	Calaveras	No	250	0	07/26/13	Pipe structural problem/failure
5S	Hangtown Creek CS	797357	Certified	Category 1	850 Conrad	El Dorado	Yes	850	850	07/26/13	Root intrusion
5S	Sacramento Area Sewer District CS	797622	Certified	Category 2	88674	Sacramento	No	2	0	07/26/13	Vandalism
5S	Sacramento Area Sewer District CS	797624	Certified	Category 2	88701	Sacramento	No	6	0	07/26/13	Pipe structural problem/failure
5S	Sacramento Area Sewer District CS	797818	Certified	Category 2	88673	Sacramento	No	3	0	07/26/13	Root intrusion
5S	Sacramento Area Sewer District CS	797819	Certified	Category 2	88698	Sacramento	No	2	0	07/26/13	Root intrusion
5F	City Of Bakersfield CS	797363	Certified	Category 2	240 South Real rd	Kern	No	100	70	07/27/13	Other (specify below)
5S	City of Stockton MUD CS	797712	Certified	Category 2	7213 Village Green Dr	San Joaquin	No	34	0	07/27/13	Debris-General
5S	City Of Antioch CS	797352	Certified	Category 2	818 Whitehaven Ct.	Contra Costa	No	20	0	07/28/13	Root intrusion
5S	Sacramento Area Sewer District CS	797820	Certified	Category 2	88708	Sacramento	No	1	0	07/28/13	Pipe structural problem/failure
5S	Manteca CS	797455	Certified	Category 2	rosemary	San Joaquin	No	2	0	07/29/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	797821	Certified	Category 2	88744	Sacramento	No	2	0	07/29/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	797913	Certified	Category 2	88756	Sacramento	No	1	0	07/29/13	Root intrusion
5S	Sacramento Area Sewer District CS	798182	Certified	Category 2	88842	Sacramento	No	1	0	07/29/13	Root intrusion
5S	City of Stockton MUD CS	797398	Certified	Category 2	Herman St. Stockton	San Joaquin	No	1	0	07/29/13	Grease deposition (FOG)
5S	Davis CS	797490	Certified	Category 2	th street east of RXR	Yolo	No	60	0	07/30/13	Debris-General
5S	Sacramento Area Sewer District CS	797625	Certified	Category 2	88916	Sacramento	No	2	0	07/30/13	Root intrusion
5S	Sacramento Area Sewer District CS	797823	Certified	Category 2	88898	Sacramento	No	5	0	07/30/13	Root intrusion
5S	Sacramento Area Sewer District CS	797915	Certified	Category 2	88975	Sacramento	No	2	0	07/30/13	Root intrusion
5S	Sacramento Area Sewer District CS	798019	Certified	Category 2	88961	Sacramento	No	4	0	07/30/13	Root intrusion
5S	Sacramento Area Sewer District CS	798097	Certified	Category 2	88962	Sacramento	No	5	0	07/30/13	Vandalism
5S	City of Stockton MUD CS	797713	Certified	Category 2	8409 Skye Dr	San Joaquin	No	9	0	07/30/13	Root intrusion
5S	Sacramento Area Sewer District CS	797914	Certified	Category 2	88972	Sacramento	No	5	0	07/31/13	Root intrusion
5S	Sacramento Area Sewer District CS	797916	Certified	Category 2	89066	Sacramento	No	2	0	07/31/13	Root intrusion
5F	Taft City CS	797517	Certified	Category 1	City of Taft	Kern	No	1000	0	08/02/13	Grease deposition (FOG)
5S	City of Stockton MUD CS	797576	Certified	Category 2	1420 W Euclid Av	San Joaquin	No	26	0	08/05/13	Debris-General
5S	SMD No. 1 CS	797996	Certified	Category 2	Saddleback Lift Station	Placer	No	10	0	08/06/13	Pipe structural problem/failure
5S	SMD No. 2 CS	797997	Certified	Category 2	nce Drive, Map Page	Placer	No	60	0	08/06/13	Debris-General
5S	City of Stockton MUD CS	797900	Certified	Category 2	ne Valley Circle Stock	San Joaquin	No	24	0	08/08/13	Grease deposition (FOG)
5S	City of Woodland CS	797700	Certified	Category 2	107 Wyckoff Way	Yolo	No	250	0	08/08/13	Debris-Rags

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5R	Mt Shasta CS	797958	Certified	Category 2	Memorial Highway and	Siskiyou	No	60	0	08/09/13	Debri-General
5S	City of Stockton MUD CS	797742	Certified	Category 2	533 W. Oak St	San Joaquin	No	4	0	08/09/13	Debri-General
5S	City of Woodland CS	797756	Certified	Category 2	1320 E. Main Street	Yolo	No	124	0	08/09/13	Grease deposition (FOG)
5S	Delta Diablo SD CS	797740	Certified	Category 1	Verne Roberts Circle	Contra Costa	Yes	45100	45100	08/10/13	Pipe structural problem/failure
5S	San Andreas CS	797732	Certified	Category 2	MH E-1225	Calaveras	No	300	0	08/10/13	Root intrusion
5S	San Andreas CS	797733	Certified	Category 2	MH E-220	Calaveras	No	100	0	08/10/13	Other (specify below)
5S	Ironhouse Sanitary District CS	798108	Certified	Category 2	121 Omega Lane	Contra Costa	No	200	0	08/11/13	Root intrusion
5S	Lincoln CS	798044	Certified	Category 2	406 A Street	Placer	No	10	0	08/12/13	Root intrusion
5S	Hangtown Creek CS	797893	Certified	Category 2	582 Canal Street	El Dorado	No	31	0	08/12/13	Debri-Rags
5S	Stonegate Village CS	797886	Certified	Category 2	13-01 - SG	Sutter	No	45	0	08/12/13	Pipe structural problem/failure
5F	Tuolumne Utilities District CS	798077	Certified	Category 2	n backyard of 677 E C	Tuolumne	No	400	0	08/13/13	Root intrusion
5S	City of Stockton MUD CS	797833	Certified	Category 2	623 N Edison St.	San Joaquin	No	12	0	08/13/13	Root intrusion
5S	City of Stockton MUD CS	797897	Certified	Category 2	. California St. Stockt	San Joaquin	No	12	0	08/13/13	Debri-General
5S	Sutter Creek CS	797875	Certified	Category 1	Highway 49 and Plex	Amador	No	1500	1200	08/14/13	Grease deposition (FOG)
5S	Deer Creek CS	798252	Certified	Category 2	DC-2013-08-06	El Dorado	No	500	0	08/16/13	Root intrusion
5S	City of Stockton MUD CS	797977	Certified	Category 1	105 Edan Ave	San Joaquin	No	1800	0	08/16/13	Debri-General
5S	West Sacramento CS	798259	Certified	Category 2	Portsmouth Avenue	Yolo	No	50	0	08/17/13	Debri-General
5F	City Of Bakersfield CS	798074	Certified	Category 2	York & Adanac ct	Kern	No	15	15	08/19/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	798110	Certified	Category 1	90535	Sacramento	Yes	16371	16371	08/19/13	Grease deposition (FOG)
5S	Delta Diablo SD CS	798472	Certified	Category 2	Blow-Off spill	Contra Costa	No	150	0	08/20/13	Pipe structural problem/failure
5S	Dry Creek CS	798351	Certified	Category 2	605 Oak Street	Placer	No	50	0	08/20/13	Root intrusion
5S	Dry Creek CS	798353	Certified	Category 2	2012 Katherine Place	Placer	No	5	0	08/20/13	Root intrusion
5S	San Andreas CS	798101	Certified	Category 2	MH-I 300	Calaveras	No	200	0	08/20/13	Root intrusion
5S	Delta Diablo SD CS	798137	Certified	Category 1	East 8th street	Contra Costa	Yes	1250	1250	08/21/13	Other (specify below)
5S	Lathrop CS to Manteca WQCF CS	798109	Certified	Category 2	hole at 15118 Ryhiner	San Joaquin	No	800	0	08/21/13	Pump station failure
5S	City Of Auburn CS	798257	Certified	Category 2	417 Orchard CT	Placer	No	200	0	08/22/13	Root intrusion
5F	Clovis City CS	798150	Certified	Category 2	2414 Woodworth	Fresno	No	20	0	08/23/13	Grease deposition (FOG)
5F	Los Banos City CS	798280	Certified	Category 2	e and Bluff Drive, Los	Merced	No	26	0	08/25/13	Pump station failure
5F	City Of Bakersfield CS	798319	Certified	Category 2	30th & Spruce st	Kern	No	5	2	08/26/13	Grease deposition (FOG)
5S	City of Stockton MUD CS	798214	Certified	Category 1	1550 W. Fremont St.	San Joaquin	Yes	7000	5030	08/26/13	Pipe structural problem/failure
5S	City of Stockton MUD CS	798282	Certified	Category 2	2112 S. Union St.	San Joaquin	No	6	0	08/27/13	Root intrusion