

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
December 4/5, 2014

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SUCCESS STORIES

1. **Settlement, California Department of Transportation, Sonora Bypass Stage 2, Tuolumne County.** The Central Valley Regional Water Quality Control Board and the California Department of Transportation (Caltrans) have agreed to a \$2.7 million dollar settlement regarding alleged violations of two stormwater permits governing the State Route 108 East Sonora Bypass Project in Tuolumne County. As a condition of the agreement, \$148,719 of the total settlement amount is being credited towards the recent completion of additional water quality protection measures within the project area. Another \$443,000 will be permanently suspended when Caltrans completes the Mariposa Supplemental Environmental Project. This project will be implemented on top of required environmental work and will provide real-time monitoring of the Merced River to detect excess turbidity and pH levels during Caltrans' Ferguson landslide rehabilitation project on State Route 140. Data will be collected both before and during removal of the rock debris at the base of the slide. When completed, Caltrans will have extensively monitored the river upstream and downstream of the rock slide and provided a way to mitigate discharges through a remote and early detection system designed to improve response time on problems near sensitive water bodies or watersheds.
2. **Settlements, Occidental of Elk Hills and Vintage Production California, LLC**
On 2 October 2014 the Central Valley Water Board reached separate settlement agreements with Occidental of Elk Hills and Vintage Production California, LLC for administrative civil liability penalties totaling \$476,784. The penalties are for discharging oilfield fluids into unlined pits in violation of Central Valley Water Board order which permitted discharges of only specific types of fluids. The settlement agreements, a result of cooperation by both companies, are structured so that half of the settlements serve as an administrative penalty and the other half will be used for supplemental environmental projects. These projects are chosen from a list approved by the Central Valley Water Board in March 2014 as part of a program to direct settlement money to disadvantaged communities in the region.
3. **ACL ORDER issued to Lamoure's, Incorporated, 1304 G Street, Fresno, Fresno County**
On 24 October 2014, the Executive Officer issued ACLO R5-2014-0562 in the amount of \$18,000 for violation of Cleanup and Abatement Order R5-2011-0706 (CAO). The violation was for failure to submit a technical report proposing tasks for assessment of soil and groundwater at the site as required by the CAO. The ACLO stipulates that Lamoure's, Incorporated will pay \$18,000 to the State Water Resources Control Board Cleanup and Abatement Account. The ACLO also stipulates that Lamoure's Incorporated will submit the report required by the CAO no later than 60 days following the issuance of the ACLO.
4. **CLEAN-UP SITES SUCCESSFULLY CLOSED-NO FURTHER ACTION REQUIRED**

Former Shell Central Valley Crude Oil Pipeline, EPE-7 Site, Santa Nella, Merced County. A no further action determination was issued on 9 October 2014 for the EPE-7 site associated with the former Shell Central Valley Crude Oil Pipeline south of Santa Nella, Merced County. The extent of degraded soil and groundwater resulting from the historical release of petroleum hydrocarbons was delineated. Degraded soil was excavated up to a depth of 35 feet. Results of a soil vapor survey indicated that remaining petroleum hydrocarbons do not pose a potential threat to indoor air in any future development. Shell prepared a Soil and Groundwater Management Plan in case degraded materials are encountered in future excavations. A risk assessment prepared by Conestoga-Rovers and Associates stated that petroleum hydrocarbons remaining in soil and groundwater do not pose a significant threat to human health, groundwater, or the environment.

Auburn Fleet Garage, 11488 F Avenue, Auburn, Placer County. In 2010, the Placer County Department of Public Works excavated petroleum impacted soil that was encountered during trenching for new underground utility piping. The source of the spill was undetermined but was thought to have occurred due to surface spills, contamination present in fill material placed on the site in the past, or residual contamination from past waste oil underground storage tanks. Subsequent groundwater monitoring has indicated that residual concentrations of petroleum hydrocarbons, tetrachloroethene, chromium, and zinc in groundwater have generally decreased to below water quality objectives and are expected to continue to decline to or below water quality objectives within a reasonable amount of time. A conditional No Further Action Determination letter was issued on October 7, 2014. (NC)

5. **UNDERGROUND STORAGE TANKS (USTS) - COMPLETED SITE CLEANUPS – NO FURTHER ACTION REQUIRED**

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 generally 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**

- **Rogers Helicopters, 5484 East Perimeter Road, Fresno, Fresno County**
The Site is an aircraft and helicopter charter and maintenance facility. Four USTs were removed in 1988 and petroleum hydrocarbons were detected in soil. Investigations performed between 2008 and 2013 determined that the release did not extend to groundwater, and was limited to the soil immediately beneath the former UST locations. Soil vapor sample testing demonstrated there was no risk to human health due from petroleum vapor intrusion into occupied structures. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 3 September 2014.
- **Senior Citizens Village, 1917 South Chestnut Avenue, Fresno, Fresno County**
The Site is occupied by a senior living community. Two USTs were removed in 1990 without regulatory oversight. Soil and soil vapor investigations conducted between October 1990 and January 2014, determined that impacted soil is restricted to the uppermost 30 feet, and that a mass of about nine pounds of contaminants remain. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 8 September 2014.
- **J & C Food and Gas, 2394 South Elm Avenue, Fresno, Fresno County**
The Site is currently is a vacant store. In 2001 three gasoline USTs were removed and petroleum hydrocarbons were detected in soil. Soil investigations conducted from November 2001 to March 2014 determined that about 63,350 pounds (~10, 200 gallons) of gasoline were present, with 80% being between depths of 15 and 30 feet. Groundwater was initially impacted, but no gasoline constituents were detected in groundwater after 2006. Soil vapor extraction performed between 2006 and 2012 removed about 48,000 pounds (~7,740 gallons) of gasoline. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 14 October 2014.
- **Zollie Knight, Inc., 396 West Forest Avenue, Coalinga, Fresno County**
The Site is currently vacant but was formerly a bulk fuel facility with aboveground and underground storage tanks. Two gasoline USTs were removed in 2013 and gasoline constituents were detected in soil. A soil investigation performed in 2013 determined the lateral extent of the release. The depth to groundwater is in excess of 300 feet, and is not expected to have been impacted. Municipal drinking water supply for the City of Coalinga is provided from the California Aqueduct. An excavation performed in 2014 removed about 500 cubic yards of soil containing an unknown quantity of gasoline. The case meets the closure criteria contained in the Low-Threat UST Case Closure Policy, and was closed on 22 September 2014.
- **Market Express, 2500 Wible Road, Bakersfield, Kern County**
The Site is currently a convenience store and active fueling facility. A gasoline release from the dispenser area was discovered during 2004. Site assessment and groundwater monitoring between

2010 and 2013 determined that about 390 pounds (~60 gallons) of gasoline and diesel remained beneath the dispenser islands, and about 960 pounds (~150 gallons) remained beneath the UST area. Groundwater was only slightly impacted. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 3 September 2014.

- **San Joaquin Highway 99 Business Center, APN #048-200-002, 003 & 008, Madera, Madera County**
The Site is currently vacant. A diesel UST was removed prior to March 1993. A soil investigation conducted in February 2014 did not detect any petroleum product constituents below four feet. With the exception of the availability of public water system, the case meets all criteria for closure in accordance with the Low-Threat Underground Storage Tank Case Closure Policy. The case was closed as a low-risk site 9 October 2014.

- **SHOP-N-GO, 10480 Highway 41, Madera, Madera County**
The Site is a convenience store with an active commercial petroleum fuel facility. In 1998 three USTs were removed and gasoline was detected in soil. Soil investigations performed 1998 and 2014 determined that about 1,700 pounds (~275 gallons) of gasoline are present in soil, and that groundwater was not impacted. The case meets the closure criteria contained in the Low-Threat UST Case Closure Policy, and was closed on 9 October 2014.

b) **REDDING OFFICE**

c) **SACRAMENTO OFFICE**

- **Forest Meadows Golf Course, 1042 Forest Meadows Drive, Murphys, Calaveras County**
In November 1989, one 1,000 gallon gasoline tank was removed from this site. In September 1999 two additional tanks, a gasoline and a diesel, were removed. Soil samples from beneath the tanks showed low levels of diesel fuel. No samples were collected beneath the dispenser island. Due to responsible party recalcitrance, no further work was conducted until 2014. In March 2014 soil samples were collected from below the former tank pit and beneath the former dispenser island. Based on the data presented, the depth of soil impacts were limited to 20 feet below ground surface and the areal extent was estimated to a 10 foot radius. The case was closed 22 August 2014.
- **Former Shell Service Station, 2010 Auto Center Drive, Antioch, Contra Costa County**
In May 1997, an underground storage tank (UST) release case was closed on this property, and three wells were left in place. In September 2002, Shell detected MTBE in two of the three wells at a maximum concentration of 2,300 ug/L. A new UST case was opened, and groundwater impacts were delineated horizontally and vertically in the area. Approximately 56 pounds (<10 gallons) of gasoline was removed during a SVE pilot test, and <1 gallon of gasoline from bailing of free product. The site is currently developed with two drive through automatic teller machines (ATMs), and future land use is not expected to change. The Site meets the general and site-specific criteria for case closure under the Low Threat Closure Policy and was closed on 3 September 2014.
- **Figueroa Motors, 9075 East Highway 140, Planada, Merced County**
Two 6,000-gallon and one 8,000-gallon tanks were removed from the site in 1988. Gasoline constituents were detected in confirmation soil and groundwater samples. In 2011, in an effort to delineate the extent of impacts, grab groundwater samples detected benzene in one sample collected in the source area. All other grab groundwater samples showed no detectable benzene, or fuel oxygenates. Groundwater impacts are believed to be less than 85 feet in length, no vertical delineation was performed. Based on the lack of fuel oxygenates and the presence of fine-grained soils at depth the site was concluded to be a low risk and was closed 22 August 2014.
- **Smith Van & Storage, 1120 West 15th Street, Merced, Merced County**
One 1,000-gallon tank was removed in 1986. The tank appeared to be in good condition and there were no field indications a leak occurred. Groundwater sampling was not required by Merced County at the time. In 2006, a well was installed on the Smith Van & Storage site as part of another site investigation. TPH as gasoline was detected in soil and believe to have been evidence of a possible leak from the former tank. A soil investigation ensued and no petroleum constituents were detected.

Groundwater impacts beneath this site are believed to be a result of fuel releases from neighboring properties. The case was closed 22 August 2014.

- **PG&E Sonora, 326 North Washington Street, Sonora, Tuolumne Count**

The Site is a former Pacific Gas and Electric Company service center and currently is used for parking. In October 1998, one 3,000-gallon gasoline underground storage tank (UST) and about 2,400 cubic yards of petroleum impacted soil were excavated. Soil was treated on Site by aeration. About 1,000,000 gallons of contaminated groundwater were extracted from a horizontal well, treated, and sent to a sanitary sewer system under permit. About 34,000 pounds (5,400 gallons) of hydrocarbons were removed by soil and groundwater extraction and 1,600 pounds (260 gallons) of hydrocarbons remain in soil and groundwater. Shallow soil samples, groundwater monitoring, and soil vapor results demonstrated no risk to students and staff of Sonora Union High School, across School Street or to Woods Creek, 200 feet down gradient. The case was closed as low risk on 23 September 2014.

- **Budget 8 Motel (Former), 4930 County Road 99W, Dunnigan, Yolo County**

In 2001, Budget 8 removed two underground storage tanks and discovered that an unauthorized fuel release had occurred. Between 2002 and 2011, Budget 8 conducted a soil and groundwater investigation, which included sampling the onsite domestic well for TPHd. The groundwater sampling record for the site shows that the onsite well has not been impacted by petroleum hydrocarbons; and the residual plume is adequately defined, stable, and extends less than 250 feet downgradient. Petroleum constituent concentrations across the plume have dropped significantly over time as a result of natural attenuation. The site was closed on 9/11/2014.

- **Former Mobil Chemical Company Facility, 1351 East Beamer Street, Woodland, Yolo County**

In December 1985 three 8,000-gallon USTs used to store "ink thinner" (primarily isopropanol and n-propanol) a 15,000-gallon diesel UST, and 1,000-gallon gasoline UST were removed from the Site; a waste oil UST was removed in 1992. A mixture of petroleum hydrocarbons in the C6 to C16 carbon range were detected in soil beneath piping for the thinner USTs. Subsequent soil and groundwater investigations demonstrated the pollutant plume is stable and is defined vertically and laterally. Active remediation removed about 14,000 pounds of hydrocarbons with an estimated 400 pounds remaining. The site was closed on 25 August 2014.

- **Gasamat #952, 660 Sutter Street, Yuba City, Sutter County**

In July 1998, petroleum hydrocarbons were detected in soil samples collected from the Site. Soil samples were collected at the request of RWQCB prior to installing cathodic protection and fiberglass UST lining at the Site. Subsequent Site investigations indicated groundwater had been impacted by petroleum hydrocarbons. Groundwater monitoring demonstrated impacts are limited in extent and there are no known water supply wells within 2,000 feet of the Site. The Feather River is about 500 feet down-gradient from the Site. The site was closed on 25 September 2014.

d) **Local Agency UST Closures with Concurrence of Board Staff**

Sacramento

- Arco Station #6025, 2225 16th Street, Sacramento
- Shell-Branded Service Station, 3500 Auburn Boulevard, Sacramento
- Shell SS (former), 8062 Florin Road, Sacramento
- Hewitt Property, 4200 24th Street, Sacramento
- 7-Eleven Store #33315, 5501 Auburn Boulevard, Sacramento
- Shell SS, 730 29th Street, Sacramento
- Shell #204-6678-9003, 225 Jibboom Street, Sacramento

Tulare County

- AA Gas-N-Grub #2, 146 North Farmersville Boulevard, Farmersville

STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS

At the October 9/10, 2014 Board Meeting, Executive Officer, Pamela Creedon presented Superior Accomplishment Awards to the following staff:

Candidate: Gene Davis
Unit: NPS Planning
Title: Engineering Geologist, Sacramento Office
Supervisor: Joe Karkoski

Gene is working on completing the Royal Mountain King Mine Basin Plan Amendment and the 2014 Integrated Report, two complicated, multi-year projects which have undergone a number of course corrections. Gene contributes very positively to both efforts. In March, Gene helped bring the Royal Mountain King Mine Amendment to our Board for adoption. For the Integrated Report, Gene is instrumental in organizing and facilitating review of the enormous data set used to evaluate our Region's waterbodies.

Gene is a steadfast worker who enjoys helping others. In addition to his other responsibilities, he helps staff in our office with GIS mapping. Day after day, he quietly gets his work done and positively contributes to accomplishing the mission of our agency. Gene is very deserving of the Superior Accomplishment Award.

Candidate: Stacy S. Gotham
Unit: NPDES, Stormwater, WQ Cert, Permitting/Enf.
Title: Water Resource Control Engineer, Redding Office
Supervisor: Bryan J. Smith, P.E.

Stacy is the acting lead for the NPDES unit. She excels in this role and her contributions to the unit, the office, and the Region are highly valued and appreciated. Several new staff have joined the unit since Stacy has been the lead. She has helped to train the new staff, and review their work products. She helps plan and organize the unit's work, and contributes to management discussions regarding NPDES program activities. She has excellent written and verbal communication skills and provides insightful comments. She has had a key role in numerous permitting actions and several enforcement cases. Stacy is reliable, hardworking, flexible, and most importantly has a positive attitude. Her demonstrated program knowledge and attention to detail has earned her a solid reputation in the NPDES program, and the respect of her peers, supervisors, and the regulated community.

Stacy's efforts continue to help the Central Valley Water Board achieve its goal of protecting water quality.

Candidate: Kristen Gomes
Unit: Landfills/Hazardous Waste Disposal/Compost
Title: Water Resources Control Engineer, Fresno Office
Supervisor: Doug Patteson

Kristen Gomes, PE, is the case worker for 18 landfills in Tulare, Kings, and Madera Counties, including the Clean Harbors and Chemical Waste Management hazardous waste facilities. Her responsibilities include all aspects of permitting as well as compliance and enforcement. Kristen excels in the performance of her job duties through the detailed and timely completion of numerous tasks including, but not limited to, the review of complex technical documents, construction design plans and specifications, construction quality assurance reports, self monitoring reports; the performance of facility inspections; and the development of waste discharge requirements (WDRs). In addition, she conveys her knowledge and experience by readily assisting staff in other units and unregistered staff to help develop their professional skills. In providing such service, Kristen supports our organization's mission of protecting water quality through compliance with WDRs and also supporting the Dischargers ability to maintain construction and operation schedules.

SUSTAINED SUPERIOR ACCOMPLISHMENT AWARD
June 2014

At the October 9/10, 2014 Board Meeting, Executive Officer, Pamela Creedon presented Sustained Superior Accomplishment Awards to the following staff:

Candidate: David Coupe, Sr. Staff Counsel
Candidate: Patrick Pulupa, Sr. Staff Counsel
Candidate: Alex Mayer, Staff Counsel

David Coupe, Senior Staff Counsel, Patrick Pulupa, Senior Staff Counsel, and Alex Mayer, Staff Counsel, are employed by the State Water Board's Office of Chief Counsel and are assigned to assist the Central Valley Water Board with its day to day legal affairs.

The Central Valley Water Board is the State's largest Regional Water Quality Control Board, covering approximately 40 percent of the State including 38 counties or portions thereof. The Board is charged with protecting water quality throughout this vast area and does so through its three offices, including more than 220 staff, 17 fonnal programs, thousands of dischargers, and numerous water quality issues and concerns. As Counsel, David, Patrick, and Alex are called on to assist the Board, management, and staff on just about everything.

To illustrate the point, we might be at a loss if we couldn't count on their guidance with program development, interpretation of statutes and regulation, policy development and interpretation, perm i t review, litigation, enforcement, settlement discussions, deed restrictions, bankruptcy proceedings, CEQA, NEPA, hearing procedures, and Counsel to the Board and the Executive Officer in contested enforcement matters. David, Patrick, and Alex work very hard to not only understand the issues from the strict legal perspective, but from the view of the policy-maker, management and technical staff. They make a point to accompany staff in the fields to better understand the challenges and financial sacrifices of protecting water quality while balancing the need to develop and implement policies and regulations that are understandable and workable for both the Board and the regulated community.

While their in-depth knowledge of the legal issues governing our work provides the Board confidence when facing uncharted territory or strong opposition, it is their experience that often provides the Board the added benefit of crafting creative solutions to complex problems. This experience also allows them to serve as an invaluable resource to their colleagues at the Office of Chief Counsel. Through all this, these gentlemen maintain a positive attitude through a barrage of emails, conference calls, meetings, and last minute fire drills. We cannot overstate the significant contribution they provide staff, management and the Board. It is invaluable.

On behalf of the Board, Executive Management, and staff, we appreciate David, Patrick and Alex's hard work and dedication in assisting the Central Valley Water Board in their mission "To preserve and enhance the quality of California's water resources for the benefit of present and future generations."

PERFORMANCE MEASURES

Performance measurement and reporting is an important component of a complete system of performance management needed to demonstrate how well programs or strategies are working and why. Information obtained through better performance measurement and program evaluation provides insight that enables us to understand and replicate successes, and continuously improve programs. To this end, the Water Boards establish annual performance targets for key output measures. In effect, these targets are goals that establish measurable levels of performance to be achieved within a specified time period. The Water Board has a systematic target setting approach for several of its programs. Using this new method, performance targets are based on available resources and uniform cost factors for key workload outputs. This target setting approach is described in the link below and was used to develop the FY 2014-2015 performance targets http://www.waterboards.ca.gov/about_us/docs/resource_alignment_report.pdf.

Below is the Region 5 Performance Measurement Summary for the current fiscal year. This report was produced with data through 33% of the current fiscal year.						
Region 5 Performance Measurement Summary from 1 July 2014 to 29 October 2014						
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	8	3	38%	n/a	n/a	
Major Individual Permits Facilities Inspected	22	2	9%	n/a	2	It is anticipated that the target will be met.
Minor Individual Permits Issued, Revised and Renewed	16	3	19%	n/a	n/a	
Minor Individual Facilities Inspected	10	2	20%	n/a	2	It is anticipated that the target will be met.
Minor General Enrollees Facilities Inspected	0	0	N/A	n/a	0	
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, and All Other Facilities - Permits Past Review Date Updated	32	9	28%	n/a	n/a	
Municipal Waste, Industrial Waste, and All Other Facilities - Facilities Inspected	130	62	48%	n/a	63	
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	2	22%	n/a	n/a	
Landfill Inspections	83	25	30%	n/a	32	
All Other Permits Issued, Revised and Renewed	7	1	14%	n/a	n/a	
All Other Inspections	52	3	6%	n/a	4	
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	120	42%	n/a	126	
Stormwater Industrial Facilities Inspected	195	61	31%	n/a	62	
Stormwater Municipal Facilities Inspected	0	0	N/A	n/a	0	
Other Programs						
Timber Harvest Facilities Inspected	160	93	58%	n/a	63	
Confined Animal Facility Facilities Inspected (Dairies)	320	114	36%	n/a	119	
Clean Up						
New DoD Sites Into Active Remediation	56	1	2%	n/a	n/a	
New SCP Sites Into Active Remediation	80	16	20%	n/a	n/a	
Cleanup Program Sites Projected Closed	42	13	31%	42	n/a	
New UST Sites Into Active Remediation	59	20	34%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	103	39	38%	n/a	n/a	
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

ENFORCEMENT

Enforcement is a critical ingredient in creating deterrence needed to encourage the regulated community to anticipate, identify, and correct violations. Appropriate penalties and other consequences for violations offer some assurance of equity between those who choose to comply with requirements and those who violate them. It also improves public confidence when government is ready, willing, and able to back up its requirements with action. This section of the Executive Officer's Report (EO Report) is intended to inform the Board and the public on enforcement efforts since the last EO Report was issued. For this reporting period, the following sections provide: 1) notable enforcement items; 2) a summary of orders issued; and, 3) a summary of all enforcement actions issued.

1. Notable Enforcement Actions:

- **Tri-County Environmental Task Force Meeting**

Central Valley Water Board Staff, along with the Office of Enforcement, participated in an Environmental Task Force meeting on 7 October 2014 for Calaveras, Tuolumne, and Mariposa Counties. The meeting was facilitated by the Environmental Circuit Prosecutor for those counties and was attended by Federal, State, County, and Local environmental agencies. Regional Board enforcement staff discussed potential collaborations with the other agencies to address perceived threats to water quality. Enforcement staff will continue to seek opportunities to work cooperatively with the other environmental agencies operating within California's Central Valley.

- **Cleanup and Abatement Order, Clearlake Oaks County Water District, Lake County**

On 3 November 2014, the Assistant Executive Officer issued Cleanup and Abatement Order R5-2014-0707 to Clearlake Oaks County Water District (Discharger) in Lake County. The Discharger's Wastewater Treatment Facility serves a small community of approximately 2,350 residents from Clearlake Oaks, Orchard Shores, Heritage, the Keys, and other unincorporated areas along the southeastern shore of Clear Lake. The purpose of the CAO is to address collection system and treatment issues caused by an aging infrastructure and lack of maintenance at the facility. In addition, the CAO is intended to assist the Discharger in obtaining the necessary funds to make improvements to the wastewater collection and treatment system. The CAO includes timelines for the completion of certain tasks and the submittal of specific reports to address issues with the sewer lift stations, sewer collection system, and wastewater treatment facility. This CAO is the result of a collaborative effort agreed to by the Discharger.

2. Orders Issued or Adopted

Enforcement Table 1 – Region 5 Enforcement Orders (9 August through 31 October 2014)

Action Date	Action	Agency	County	Summary
9/4/2014	Investigative Order (13267 Order)	Donner Summit Public Utilities District	Nevada	Issuance of an Investigative Order (13267 Order) requiring that the Donner Summit Public Utilities District provide technical reports that include monitoring parameters for an ultra-violet (UV) light disinfection component of their treatment system relative to their NPDES Permit monitoring requirements. Their disinfection system was recently upgraded to include UV disinfection and the Discharger's NPDES permit will not be revised to reflect this change until, likely, 2015. Therefore, the 13267 Order will serve to require the Discharger to provide monitoring data for their UV system until the permit is revised.
9/8/2014	Administrative Civil Liability	Pacific Coast Sprout Farms	Sacramento	ACL Complaint R5-2014-0561 issued in the amount of \$210,000 for late report violations that occurred from 30 April 2012 through 31 March 2014. (Data reported under Monitoring and Reporting Programs R5-2008-0082-027 and R5-2013-0073-027.) There are 70 serious violations subject to Mandatory Minimum Penalties (MMPs).
9/9/2014	Administrative Civil Liability	Sierra Pacific Industries Quincy	Plumas	ACL Complaint R5-2014-557 issued in the amount of \$9,000 for MMP effluent violations that occurred from 1 March 2014 through 31 March 2014.
9/9/2014	Administrative Civil Liability	Gloria Soares	Kings	Adoption of Stipulated Order for ACL Complaint R52011-0578 upon acceptance of a submitted Waste Management Plan by the Discharger.
9/10/2014	Administrative Civil Liability	Linda County Water District	Yuba	ACL Complaint R5-2014-0553 issued in the amount of \$9,000 for effluent violations that occurred during the period from 1 January 2014 through 31 March 2014. There are 3 Group I serious violations subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
9/12/2014	Administrative Civil Liability	California Water Service Company (San Jose)	San Joaquin	ACL Complaint R5-2014-0558 issued in the amount of \$3,000 for effluent violation that occurred between 22 July 2011 through 31 March 2014. There is one Group II serious violation subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
9/25/2014	Administrative Civil Liability	El Dorado Irrigation District	El Dorado	ACL Complaint R5-2014-0556 issued in the amount of \$3,000 for effluent violations that occurred during the period from 1 December 2007 through 31 March 2014. There is one Group II serious violation subject to MMPs.
9/26/2014	Administrative Civil Liability	Raymus Homes	San Joaquin	ACL Complaint R5-2014-0559 issued in the amount of \$9,000, which represents the sum of accrued MMPs for late report violations that occurred between 6 December 2013 and 31 March 2014. There are three serious violations subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
9/30/2014	Administrative Civil Liability	Sacramento Regional County Sanitation District	Sacramento	ACL Complaint R5-2014-0554 issued in the amount of \$6,000 for effluent violations that occurred during the period from 1 September 2012 through 31 March 2014. There are two non-serious violations subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
10/2/2014	Administrative Civil Liability	City of Brentwood	Contra Costa	ACL Complaint R5-2014-0549 issued in the amount of \$12,000 for effluent violations that occurred during the period from 1 May 2013 through 31 March 2014. There are four Group II serious violations subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
10/3/2014	Administrative Civil Liability	California Department of Corrections (Soledad)	San Joaquin	ACL Complaint R5-2014-0550 issued in the amount of \$12,000, which represents the sum of accrued Mandatory Minimum Penalties for effluent limitation violations that occurred between 1 January 2014 and 31 March 2014. There are three Group II serious violations and one non-serious violation subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
10/7/2014	Administrative Civil Liability	City of Stockton	San Joaquin	ACL Complaint R5-2014-0551 issued in the amount of \$12,000 for effluent violations that occurred between 1 June 2013 through 31 March 2014. There is one Group I serious violation and three non-serious violations subject to MMPs.
10/8/2014	Administrative Civil Liability	City of Davis	Yolo	ACL Complaint R5-2014-0552 issued in the amount of \$18,000, which represents the sum of MMPs for effluent limit violations that occurred between 1 October 2012 and 31 March 2014. There are five Group II violations and one non-serious violation subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.

Action Date	Action	Agency	County	Summary
10/9/2014	Administrative Civil Liability	City of Yuba City	Sutter	ACL Complaint R5-2014-0555 issued in the amount of \$30,000 for effluent violations that occurred during the period from 1 January 2013 through 31 March 2014 (Data reported under Monitoring and Reporting Programs R5-2007-0134-01 and R5-2013-0094). There are five Group I serious violations, four Group II serious violations, and one non-serious violation subject to MMPs. Discharger waived their right to a hearing and has indicated that they will pay in full.
10/9/2014	Administrative Civil Liability	James G. and Amelia M. Sweeney	Tulare	ACL R5-2014-0543 Water Code sections 13323 and 13268 in \$18,564 for failure to submit the 2012 Annual Report with appurtenant components by the 1 July 2013 deadline. The ACL Order (R5-2014-0119) was adopted at the October 2014 Board Hearing.
10/9/2014	Cease and Desist Order	Recology (Hay Road)	Solano	CDO provides the Discharger with a schedule to either make improvements to come back into compliance with the WDRs, or to seek revised WDRs allowing its current practices to continue. In the interim, the Discharger is allowed to continue operating the landfill in an environmentally acceptable manner. The CDO was adopted at the October 2014 Board Hearing.
10/10/2014	Cleanup and Abatement Order	Jack Wessman	Contra Costa	Cleanup and Abatement Order (CAO) issued as written naming Jack & Carolyn Wessman, Bradley Mining Co., US Dept. of Interior, Sunoco Inc., Mt. Diablo Quicksilver Co., and California Dept. of Parks and Recreation, to submit technical or monitoring program reports. The CAO was adopted at the October 2014 Board Hearing.
10/29/2014	Administrative Civil Liability	California Department of Transportation	Tuolumne	Settlement Agreement and Stipulation for ACL Order R5-2014-0568 in the amount of \$2.7 million to resolve violations of the Statewide Construction General Stormwater Permit and the Caltrans Permit at the Department's Sonora Bypass Project. Approximately \$2.1 million will be paid to the Cleanup and Abatement Account with the remainder funding an Enhanced Compliance Action and a Supplemental Environmental Project.

3. **ENFORCEMENT UPDATE**

The following table summarizes the enforcement actions issued in all the Regions since the last EO Report. From a statewide perspective, Region 5 was responsible for approximately 29% of all the enforcement actions tracked in CIWQS during this period including 67% of all NOV's, and 42% of all ACL's.

Enforcement Table 2 – Statewide Enforcement Actions (30 August 2014 through 31 October 2014)

Region	VER	SEL	NOV	NTC	EPL	NNC	13267	CAO	CDO	ACL	Total
1	3	0	0	0	0	94	1	0	0	3	101
2	0	0	1	0	1	0	0	0	0	0	2
3	0	0	1	0	0	0	0	0	0	1	2
4	1	0	21	3	18	13	0	0	0	15	71
5F	9	9	9	0	0	8	0	0	0	2	37
5R	15	1	5	0	0	2	0	0	0	1	24
5S	9	1	40	0	0	1	1	1	1	11	65
6T	5	3	0	0	0	0	0	0	0	0	8
6V	5	3	2	0	0	0	0	0	0	0	10
7	0	4	0	0	0	0	0	0	0	0	4
8	5	8	0	0	0	77	0	0	0	0	90
9	1	14	1	0	0	2	0	0	0	0	18
Total	53	43	80	3	19	197	2	1	1	33	432
Enforcement Actions:											
VER = Verbal Communication						NNC = Notice of Non-Compliance (Stormwater)					
SEL = Staff Enforcement Letter						13267 = 13267 Letter/Order					
NOV = Notice of Violation						CAO = Cleanup and Abatement Order					
NTC = Notice to Comply						CDO = Cease and Desist Order					
EPL = Expedited Payment Letter						ACL = Administrative Civil Liability					

SANITARY SEWER OVERFLOWS / COMPLAINTS

Sanitary Sewer Overflows in Excess of 50,000-gallons

There was one SSO events resulting in a spill in excess of 50,000-gallons during this reporting period:

City of Antioch

On 20 September 2014, Central Valley Water Board staff was notified of a sanitary sewer overflow from the City of Antioch's collection system. Approximately 604,159 gallons of sewage spill over a two day period between 20 September 2014 and 21 September 2014. The spill was potentially caused by a number of factors including a defective pipe, poor initial construction, a recent earthquake, and nearby construction. The spill was contained in the nearby construction trench and City storm water pond. Approximately 335,440 gallons of the spill was contained, cleaned, and returned to the sanitary sewer system. The remaining 268,719 gallons were lost to percolation. Board staff investigated the spill and found that the City responded appropriately. A Notice of Violation will be forthcoming.

From 1 August through 30 September 2014, there were **6** Category 1, **9** Category 2, and **340** Category 3 spills reported. All of the spills occurring in August and September 2014 are included as **Attachment A**.

On 9 September 2013, the State Water Board's Order No. WQ 2013-0058-EXEC amended the Monitoring and Reporting Program for the Statewide Waste Discharge Requirements for Sanitary Sewer Systems such that:

Category 1 spills are discharges of untreated or partially treated wastewater of **any volume** resulting from an enrollee's sanitary sewer system failure or flow condition that:

- Reach surface water and/or reach a drainage channel tributary to a surface water; or
- Reach a Municipal Separate Storm Sewer System (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the MS4 is considered to have reached surface water unless the storm drain system discharges to a dedicated storm water or groundwater infiltration basin (e.g., infiltration pit, percolation pond).

Category 2 spills are discharges of untreated or partially treated wastewater of **1,000 gallons or greater** resulting from an enrollee's sanitary sewer system failure or flow condition that do not reach surface water, a drainage channel, or a MS4 unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly.

Category 3 spills are all other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition.

Additional Information on SSOs

Reports on sewage spills are available on a real-time basis to the public from the State Water Board's webpage at: http://www.waterboards.ca.gov/water_issues/programs/ss0/index.shtml. Sewage Collection Agencies report SSOs on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water Board Order No. 2006-0003-DWQ (*General Statewide Waste Discharge Requirements for Sewage Collection Agencies*). Additional information about Water Boards' SSO Reduction Program can be found at: http://www.waterboards.ca.gov/water_issues/programs/ss0/docs/compliance_report2011.pdf.

COMPLAINTS

Cal/EPA Complaints

Regional Board staff is responsible for responding to complaints related to water quality within the Central Valley Region as they are received by the online California Environmental Protection Agency (Cal/EPA) Environmental Complaint Form (http://www.dtsc.ca.gov/database/CalEPA_Complaint/). From 1 July through 31 October 2014 the Central Valley Regional Water Board received **50** complaints related to water quality from Cal/EPA, of which **37 (74%)** have been investigated and closed. Investigations for the remaining **13** complaints remain ongoing.

Other Complaints

Regional Board staff receives complaints from a variety of other sources, as well. The following complaints have been received and investigated by Regional Board staff since the previous Board Hearing.

Unauthorized Discharge from the City of Manteca

On 8 August 2014, Central Valley Water Board staff was notified of a potential unauthorized discharge of secondary treated wastewater from the City of Manteca's agricultural fields. Approximately 29,000 to 58,000 gallons of secondary treated wastewater was discharged to French Camp Outlet P Canal on 3 August 2014 due to a berm/road failure. The failure was potentially caused by ground squirrel borrows undermining the berm and the failure of Manteca staff to inspect the fields in compliance with the WDRs. Board staff is evaluating enforcement options.

Odor Complaints, City of Modesto

On 2 October 2014, Central Valley Water Board staff was notified of an odor complaint by the San Joaquin Valley Air Pollution District. Board staff notified the City of Modesto of the complaint and requested the City to verify the complaint. However, neither the City nor the Air District could verify an odor in the area of the complaint. On 7 October 2014, the Air District notified Board staff of a second odor complaint at the City of Modesto's Jennings' Facility. This complaint was verified by both the Air District and the City of Modesto. While investigating the complaint Board staff learned that the Air District has been receiving odor complaints about the Jennings' Facility since 23 July 2014 and the City of Modesto was aware of the complaints and the cause of the odors. According to the City of Modesto, odors are caused when the Facility combines cannery waste with domestic waste for treatment at the Facility. Board staff is evaluating enforcement options.

Potable Water Spill from the Sacramento Suburban Water District

On 22 October 2014, Central Valley Water Board staff was notified of a potable water spill from the Sacramento Suburban Water District's distribution system. Approximately 812,500 gallons of potable water overflowed from the distribution system into Magpie Creek over a 90 minute period. The spill was caused by a failure in a mainline. In response to the spill the District: (1) placed mesh bags with sodium thiosulfate crystals at the mouth of the bank cavity to neutralized any residual chlorine that might be present; (2) secured the site with temporary fencing to ensure public safety; and (3) installed plywood, plastic sheeting and gravel bags to decrease turbulent flow in the area. Board staff is waiting for additional information to determine the appropriate enforcement options.

Spill of Septage, Union Mine Landfill

A Notice of Violation was issued to El Dorado County on 31 October 2014 for the discharge of up to 90,000 gallons of partially treated digestate comprised of septage and leachate waste (partially treated digestate) from the Union Mine waste water treatment facility (WWTF), that occurred between 6 and 7 October 2014, in violation of WDRs Order R5-2006-0019. In the morning of 7 October 2014, the Discharger discovered partially treated digestate flowing over the top of Digester #1, along its southern and eastern walls. The partially treated digestate flowed across the site, into a stormwater drain, down an adjacent stormwater channel, and eventually settled in a stormwater basin located approximately 500 feet from the origin of the spill. According to

the Discharger, the partially treated digestate did not reach the stormwater basin's discharge inlet or leave the property. The Discharger notified Water Board staff of the discharge on 7 October 2014, began cleanup on 9 October 2013, and completed site cleanup on 14 October 2014. According to the Discharger, all observed waste was removed, impacted soil areas were scraped clean, the surface water drainage was cleaned, and the impacted stormwater drain and pipe were flushed clean. Staff is evaluating potential enforcement actions.

DELTA ACTIVITIES

1. **Delta Methylmercury Control Studies**

The purpose of the Delta Methylmercury Control Studies is to test and evaluate methods of limiting methylmercury entering Delta waterways in order to reduce the levels in Delta fish. Studies are underway to characterize, model and/or evaluate control methods from various methylmercury source types identified in the Delta mercury TMDL. Several control studies were the topic of presentations at the 28-30 October Bay Delta Science Conference, including mercury cycling models under development for the Delta and Yolo Bypass (led by Dept. Water Resources), factors controlling methylmercury concentrations in municipal wastewater (led by Central Valley Clean Water Association), and effects of polishing ponds, vegetation reduction, or treatment with coagulants on reducing concentrations of methylmercury (ponds and vegetation treatment led by Dept. Fish and Wildlife Ecosystem Restoration Program and Moss Landing Marine Laboratories, and coagulation by the US Geological Survey). Progress is being reported in identifying some mechanisms and methods of control. Full results of method testing and feasibility evaluations, and model efforts, however, will not be available for several years.

2. **Delta Mercury Exposure Reduction Program**

The Delta Mercury Exposure Reduction Program (MERP) working group is a multi-agency, collaborative effort, including staff from the Central Valley Water Board, California Department of Public Health, The Delta Conservancy, and the Office of Environmental Health Hazard Assessment. The Delta MERP held its first community stakeholder meetings on 22 October in Stockton, and on 23 October in Walnut Grove. Fewer stakeholders attended the Walnut Grove meeting than the Stockton meeting, which was well-attended. Staff gave an overview of the sources and health effects of mercury, as well as an update on OEHHA's fish consumption advisories for the Delta. Feedback was received on outreach priorities and potential exposure reduction activities. Finally, staff explained the MERP Small Grant Program, by which \$60,000 will be distributed through a competitive process to four different grant applicants (\$15,000 each). The MERP community stakeholder group plans to meet quarterly in rotating locations, and will hold a webinar to further explain the small grant program on 3 December.

3. **Delta Regional Monitoring Program (RMP)**

The RMP Steering Committee met on 29 September to discuss funding the program, begin development of adequate participation criteria, and refine the roles responsibilities of the committee. At the July meeting, the committee decided to have an annual budget of \$1.5 million for initial planning purposes. In September there was discussion, but no resolution, of how to proportion the \$1.5 million among the various entities that will be involved in the program. The Steering Committee members were tasked with developing the funding split; in their absence, Board staff prepared a draft funding plan to jump start the funding discussion. Program funding will be the primary topic of the 7 November meeting. Additionally, the Steering Committee will be electing two co-Chairs to run the meetings and program.

The technical advisory committee subgroups have preliminary study designs and budgets for pesticides/toxicity, pathogens, mercury, and nutrients. The designs are flexible depending on available funding. The target date to start the pathogen study is April 2015. The TAC will present their recommendations to the Steering Committee on 7 November, where the Steering Committee is expected to prioritize the studies.

4. **Water Hyacinths**

Water hyacinths are one of a number of introduced aquatic plants that have increased in abundance over the last several years in the Delta. The Port of Stockton spent \$25 thousand dollars last year on a private contractor to scoop and remove Water Hyacinths from the Stockton Deep Water Ship Channel because the floating Hyacinth beds make it impossible for radar on ocean going ships to distinguish between the beds and the shoreline. The Port has hired the same contractor again to mechanically remove hyacinths this year. An element of the Delta Nutrient Research Plan being developed by staff is to investigate whether additional nutrient controls might reduce the abundance and distribution of Water Hyacinths in the delta. The Research Plan is projected to be completed and available for public comment in the summer of 2015.

TMDL BASIN PLANNING

1. **Amendments to the Basin Plans to Edit and Update Language**

The State Water Resources Control Board approved the two sets of amendments (R5-2014-0037 and R5-2014-0038) on 9 September 2014. The Executive Officer made minor corrections to the Amendments to the Water Quality Control Plan for the Tulare Lake Basin (R5-2014-0038) on 19 August 2014 and 24 October 2014. The Executive Officer made minor corrections to the Amendments to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins (R5-2014-0037) on 24 October 2014. The Executive Officer's corrections and other information on these amendments may be found at the following webpages:

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/tularelakebasin_changes.shtml

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/changes.shtml

2. **Amendments to the Basin Plans to incorporate the State Water Board's Onsite Wastewater Treatment Systems Policy**

The State Water Board approved these amendments on 9 September 2014. Information on these amendments may be found at the following webpage:

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

3. **California Water Plan**

On 30 October, the Department of Water Resources (DWR) released Update 2013 of the California Water Plan which is the State government's strategic plan for understanding, managing and developing water resources statewide for current and future generations. Pursuant to section 13141 of the Water Code, basin plans are a part of the California Water Plan and, pursuant to section 13225(i) of the Water Code, one of the responsibilities of the Central Valley Water Board is to take into consideration the effect of its actions on the California Water Plan. Staff from all three Central Valley Water Board offices coordinated with DWR staff to provide water quality content for five of the twelve regional reports in Volume 2 (Sacramento River, San Joaquin River and Tulare Lake Hydrologic regions and the Sacramento-San Joaquin Delta and Mountain Counties Overlay areas). Staff also coordinated with DWR staff to add water quality content to most of the Resource Management Strategies (RMS) in Volume 3, including taking the lead in drafting and updating the Salt and Salinity Management RMS. Staff also participated in crosscutting teams such as the Statewide Water Analysis Network, the Groundwater Caucus, and Water Quality Caucus.

4. **Pesticide TMDLs/Basin Planning**

On 22 September a stakeholder meeting led by Tessa Fojut was held regarding development of the Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment. The focus of the meeting was to review preliminary Basin Plan language and solicit comments from the public on the language. Nineteen stakeholders attended the meeting, as well as two staff members - Danny McClure and Jeanne Chilcott.

On 23 October, a stakeholder meeting led by Tessa Fojut was held regarding development of the Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment. The focus of the meeting was to review alternatives for numeric water quality objectives, discuss options for accounting for bioavailability, and solicit comments from the public. Twenty-three stakeholders attended the meeting, as well as staff member Danny McClure.

DAIRIES

1. **Enforcement**

Staff has issued notices of violation (NOVs) to dairies covered under the Dairy General Order that have not fully or properly implemented a nutrient management plan (NMP). In most cases, compliance has been achieved through submission of a revised NMP, including updated monitoring records, confirmed by a follow-up inspection. Staff will pursue formal enforcement for dairies that do not adequately respond to the NOV, including the issuance of a directive under authority of Water Code section 13267 requiring the discharger to implement groundwater monitoring at the dairy's land application area.

Staff has issued NOVs to several dairies covered under the Dairy General Order that failed to submit the 2013 Annual Report, which was due by 1 July 2014. Some of these have entered into the closure process or have declared bankruptcy. Staff is in the process of pursuing formal enforcement for those dairies that have not yet submitted the required Annual Report following receipt of their NOV.

2. **Inspections**

Staff has completed approximately 150 dairy inspections for the fiscal year 2014/15 to date, including 140 compliance inspections. This current pace is congruent with the target performance goal of inspecting each CDQAP-certified dairy covered under the Dairy General Order at least once every five years, and non-certified dairies once every three years.

TITLE 27 PERMITTING AND MINING

1. **Sulphur Creek Mercury Cleanup Actions, Colusa County**

Proposed mercury mine cleanup actions in and around Sulphur Creek by Homestake Mining Company of California (Homestake) are behind schedule due to permitting delays with the U.S. Army Corps of Engineers (ACOE). This cleanup work is intended to reduce mercury loading to Sulphur Creek, which is tributary to Cache Creek. The six inactive mercury mines include the Central, Cherry Hill, Empire, Manzanita, West End, and Wide Awake Mines. Remediation of the inactive mercury mines was mandated by a Clean Water Act Total Maximum Daily Load (TMDL) that was incorporated into the Central Valley Water Board's Sacramento/San Joaquin Basin Plan (see page IV-33.04 of the Basin Plan).

Homestake investigated the inactive mercury mine sites and developed a Remediation Plan that involves the removal and/or stabilization of mining waste (i.e., waste rock, tailings, stockpiled ore, and shallow mercury-enriched soils). In August of 2013, Homestake submitted a 404 permit application to the ACOE for removal of mining related materials during the 2014 construction season from areas in and around Sulphur Creek. However, subsequent review of the 404 permit application by the ACOE has focused on potential historic features (Native American sites, potential Historic Mining District designation, and old mercury tailings piles which may be designated as historic features) rather than the proposed cleanup actions. ACOE has not provided a timeline to approve Homestake's 404 permit application. (JSH)

2. **Drew Tunnel Discharge, Nevada County**

Jeff Huggins of the Title 27 Permitting and Mining Unit attended a 3 November 2014 meeting at the City of Grass Valley's (the City's) Waste Water Treatment Plant (WWTP). Meeting participants included the City's Public Works Director/City Engineer, representatives from Newmont Mining Corporation, and representatives from the nearby Carriage House Homeowners Association. The purpose of the meeting was to view recent site improvements at the City's WWTP to treat underground mine drainage from the Drew Tunnel.

Newmont and the City provided an update on the temporary treatment system which removes iron, manganese, and low levels of arsenic from the Drew Tunnel discharge prior to being co-mingled and discharged with the City's treated WWTP effluent. The temporary treatment system will continue to treat the Drew Tunnel discharge until Newmont completes its nearby North Star water treatment facility, at which time the Drew tunnel discharge will be rerouted to the North Star water treatment facility for treatment.

Meeting participants also viewed the recently completed 60-mil thick high density polyethylene (HDPE) liner in the south contact basin at the WWTP. The north contact basin will also be lined with the same material in the next few weeks. The lined surface impoundments will mitigate potential impacts to ground water and nearby surface water posed by the previously unlined contact basins. Newmont has paid for and constructed all site improvements indicated above. (JSH)

SITE CLEANUP

- 1. 198-Acre Early Transfer with Privatized Cleanup at the Former McClellan Air Force Base Nears Completion, Sacramento County.** An early transfer package for approximately 198-acres at the former McClellan Air Force Base (a federal superfund site) is nearing completion and is anticipated to be provided to the Governor's office in late 2014 for review and approval. The Governor's approval of the early transfer is expected in early 2015. A first in the nation 62-acre early transfer with privatized cleanup at the former base was executed in 2007. This 198-acre early transfer is a continuation of the strategy to turn the environmental cleanup over to the property developers. This allows for a secure stabilized funding for the cleanup while allowing the cleanup and development of the former base to proceed in a more efficient and timely manner. The 198-acre transfer is the last of three large parcels slated for early transfer, completing the early transfer process for a large portion of the former base. The early transfer is planned for completion in early 2015 with the Air Force transferring the land and the cleanup responsibilities to a local entity, McClellan Business Park. The Air Force funds McClellan Business Park to complete the cleanup, purchase environmental liability insurance, obtain cost cap and cost overrun insurance, and provide for regulatory oversight. (JDT)
- 2. PG&E Kern Power Plant, 2401 Coffee Road, Bakersfield, Kern County**

The PG&E Kern Power Plant is a World War II era electricity generating plant. Electricity was generated using petroleum-fueled boilers. The plant ceased electricity production in approximately 1990. PG&E is currently in the process of dismantling the plant and conducting an extensive environmental assessment of the site with the intention of selling the property once environmental clearance had been achieved. Demolition activities at the site came to a halt in August 2013 when explosive charges used to implode the power plant building resulted in injuries to bystanders from flying shrapnel. The bystanders were in a zone that had been designated safe. Following an investigation of the implosion incident, demolition work resumed in the summer of 2014. As of this writing, the last of the power plant structures has been dismantled and removed from the property. All demolition work is anticipated to be complete after the first of the year at which point an environmental assessment of the former power plant building area can be conducted. The majority of the potential environmental concerns for the site are associated with the former power plant building. Environmental work conducted to-date has included soil assessments beneath four large-capacity aboveground bunker fuel storage tanks, destruction of six on-site water wells, and geophysical surveys and follow-up backhoe investigations of suspected debris burial areas.

SALINITY AND CV SALTS

1. **Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)** The CV-SALTS Executive Committee policy discussions in September continued to finalize key terms to be defined in the Salt and Nitrate Management Plan (SNMP) including a discussion of maximum benefit factors, best practicable treatment and control, and triggers for antidegradation analysis. Policy discussions were on hold during October to allow for a focused meeting on the Strategic Salt Accumulation Land and Transport Study (SSALTS) project which is evaluating alternatives to contain/transport excess salt away from sensitive areas within the valley. The presentation included discussion on the approach for evaluating and selecting preferred management alternatives including a summary of alternatives identified in the Phase 2 report. Phase 3 of SSALTS will develop planning level feasibility criteria to evaluate alternatives and perform screening-level feasibility analysis of salt management alternatives that will be presented in January 2015. Other technical projects are continuing on schedule, including work on alternative compliance strategies in areas with legacy contamination. A brief summary of all CV-SALTS technical projects can be found under the CV-SALTS website at: <http://www.cvsalinity.org/index.php/technical-projects-index.html>

The Lower San Joaquin River (LSJR) Committee is continuing to compile technical information that will support a Basin Plan Amendment for salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. A public workshop was held on October 2nd to discuss implementation alternatives and obtain public feedback. A Final Memorandum was issued on October 20th summarizing the following tasks in the order they were conducted: Task 8b finalized the water quality criteria review; Task 3a identified the potential ranges of water quality objectives; Task 3b evaluated and compared existing water quality with the salinity range being considered; Task 2a compiled and updated available water quality and salt loading data; Task 2b analyzed baseline salt loading. The LSJR is evaluating all comments and findings to develop proposed salinity water quality objectives and implementation program by the end of 2015.

2. **CV-SALTS Meeting Participation**

On 12 September, Pam Buford, Glenn Meeks and Jeanne Chilcott participated in the CV-SALTS Executive Committee Administrative Meeting which focused on discussion and approval of SSALTS Phase 2 Draft report and technical project updates. The requirements of the Grasslands Bypass Projects revised WDR for surface water were also summarized with a determination that the requirements were consistent with the goals and objectives of the CV-SALTS program.

On 18 September, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, Glenn Meeks and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion of key terms to be defined in the Salt and Nitrate Management Plan and a brief discussion on compliance alternatives for nitrates in groundwater.

On 19 September, Jim Brownell participated in the LSJR Committee meeting.

On 15 October, Jeanne Chilcott, Glenn Meeks, and Pam Buford participated in a webinar of an in-depth review of the SSALTS Phase 1 and Phase 2 reports.

On 16 October, Karl Longley, Clay Rodgers, Patrick Pulupa, Jeanne Chilcott, Glenn Meeks, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting that focused on a presentation of SSALTS project reports to date.

On 23 October, Jim Brownell participated in the LSJR Committee meeting.

3. **United States Bureau of Reclamation (USBR)—Management Agency Agreement (MAA)**
A monthly staff meeting with representatives of the USBR was held on October 20th to discuss the status of work related to updating the current MAA and completing a draft work plan in support of the updated MAA. During the meeting, USBR staff and members of the Westside San Joaquin River Watershed Coalition reported on the progress they have made on the Real-Time Salinity Management Program (RTMP)

prediction model tool. The tool development will roll out with the RTMP framework document developed by USBR, the Westside Coalition, and other interested parties.

On October 31st, the USBR submitted a revised MAA for the Board to consider during its December 4/5 2014 meeting. A draft of the document had been released for public review in June along with a RTMP framework document. Both documents reference a USBR Annual Work Plan that documents salinity activities, for the 2015 federal fiscal year. The draft Annual Work Plan was provided to staff on October 31st

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

The project evaluating appropriate application and level of protection of MUN in agriculturally dominated surface waters continues as scheduled with staff working on the draft staff report for the Sacramento POTW receiving water Basin Plan Amendment and finalizing project alternatives for the region-wide MUN evaluation in ag dominated water bodies Basin Plan Amendment. The staff report for the Sacramento POTW Basin Plan Amendment is scheduled to be released to the public in mid-December 2014. The Basin Plan Amendment hearing is planned for February 2015 in Rancho Cordova with a return to the Board for adoption in April 2015 in Fresno. The region-wide MUN evaluation in Ag dominated water bodies Basin Plan Amendment is currently scheduled as a workshop item at the April 2015 Board meeting. Supporting documents currently available on the website listed below include a draft technical memorandum that provides water quality results from a one-time monitoring event (June 2014) for constituents covered under Title 22 maximum contaminant levels (MCLs) in the Sacramento and San Joaquin River Basins and water body categorization reports for the twelve water bodies under consideration for the Sacramento POTW Basin Plan Amendment. A project stakeholder meeting will be held in January 2015 to solicit feedback on both Basin Plan Amendments.

MUN Meeting Participation

On 26 September, Anne Littlejohn, Cindy Au Yeung and Jeanne Chilcott conducted a stakeholder meeting to review the draft Basin Plan Amendment alternatives and proposed amendment language to dedesignate the MUN beneficial use in twelve water bodies receiving water from four Publicly Owned Treatment Works in the Sacramento Valley. Project alternatives were also reviewed for the region-wide MUN evaluation process for agriculturally dominated water bodies.

On 30 September, Anne Littlejohn and Cindy Au Yeung met with representatives from San Luis Canal Company (SLCC) to tour their district and evaluate their water bodies. SLCC will serve as a case study for the San Joaquin River Basin in the region-wide MUN evaluation process Basin Plan Amendment and staff is working with SLCC to develop a water body categorization report for their entire district.

On 5 November, Anne Littlejohn and Jeanne Chilcott met with representatives from the United States Environmental Protection Agency in San Francisco (Region 9) to provide a project update and obtain feedback on proposed alternatives for both Basin Plan Amendments.

More information on the project can be found at:

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

GROUND WATER STRATEGY

1. **Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap – Workplan June 2013-June 2015 (Update)**

During the December 2013 Board meeting, direction was given to staff to coordinate with the State Water Board's Groundwater Concept Paper efforts before beginning an update to the Central Valley Water Board's Groundwater Strategy. The State Water Board held a workshop to solicit comments on its Groundwater Workplan in January. State Water Board also held two workshops on Sustainable Groundwater Management. State Water Board staff is compiling comments and will be briefing Board Members soon. Central Valley Water Board staff will continue to coordinate with State Water Board staff to avoid duplication of efforts as they move forward.

The Groundwater Quality Protection Strategy June 2013-2015 Workplan can be found at:
http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

The following is a brief status report on the implementation of tasks for each of the actions identified in the June 2013-2015 Workplan:

Action 6.4.1 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. CV-SALTS continue to work toward development of a Salt and Nitrate Management Plan. 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://cvsalinity.org/>

Action 6.4.2 Implement consistent and scientifically sound groundwater quality monitoring program. To implement this action a Groundwater Monitoring Advisory Workgroup (GMAW) composed of groundwater experts, which includes representatives from State and Regional Water Boards, USGS, academia, and private consultants was formed. The GMAW has identified several technical issues related to groundwater monitoring. The volunteer GMAW is tasked with development of white papers for each of the technical issues: Establishing and Applying Site-specific Background Concentrations, Conceptual Model, Monitoring Well Network Design, Additional Monitoring Techniques, Methods, and Tools. Two on-going efforts are working on related issues, a Statewide committee is reviewing the Antidegradation Policy and guidance on its implementation with respects to groundwater, and CV-SALTS is looking at policy issues related to assimilative capacity. The results of these two efforts may impact the approach or guidance that would be outlined in the GMAW white papers. To avoid duplication of efforts the work of the GMAW is on hold at this time.

GMAW meeting information can be found at:

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

Information on the State Water Resources Control Board review of the Antidegradation Policy Application to Groundwater can be found at: http://www.waterboards.ca.gov/plans_policies/antidegradation.shtml

Action 6.4.3 Implement Groundwater Quality Protection Programs through the Integrated Regional Water Management Plan Groups. The goal of this action is to leverage and expand groundwater quality program coverage through improved coordination and partnering with local regional groups that receive State funds through the Integrated Regional Water Management (IRWM) process. On-going staff participation in IRWM groups (or Regional Water Management Groups) is included under the Public Outreach section of this EO report.

Action 6.4.5 Well Design and Destruction (Abandonment) Program. Implementation of work on this action includes development of a list of contacts at the Department of Water Resources, compiled based on well permitting, well completion reports, and general groundwater information. A list of county agencies (health departments) and specific personnel overseeing county well standards has been compiled along with specific ordinances for well standards for all counties within the Region. Staff is evaluating specific elements of the counties well ordinances with the California Well Standards. The time schedule for implementation of this project began approximately four months later than originally projected; however, completion of project is still tentatively planned for May 2015.

Action 6.5.1(b) Develop General Order for Poultry, Cattle, or Other Confined Animal Facilities. The goal of this action is to protect groundwater from waste associated with the operation of confined animal facilities including poultry raising and egg laying facilities, bovine feedlots (heifer ranches, beef cattle yards, etc.), and other types of confined animal facilities not covered by the Dairy General Order. A General Order for Bovine feedlots is being drafted for management review and discussions are underway regarding how to incorporate the Irrigated Lands Regulatory Program requirements in the order (and into the confined animal facilities program in general). Work on the General Order for Poultry facilities is beginning this month with preparation of an issue paper for management review discussing possible approaches for regulating poultry facilities.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program (ILRP). The goal identified in the roadmap was to implement a program that establishes a groundwater protection program for wastes associated with irrigated agricultural practices. More detail on the Long-Term ILRP development and implementation 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_land/long_term_program_development/index.shtml

Action 6.5.2(b) Coordinate with California Department of Food and Agriculture (CDFA) to identify methods to enhance outreach, education, and research through CDFA's fertilizer research and education program. The goal of this action is to reduce groundwater quality impacts from use of nitrogen based fertilizing materials in agricultural, commercial, and residential applications. Staff from the ILRP has worked with CDFA on the nitrogen management certificate training program CDFA is developing for Certified Crop Advisors. Staff will continue to work with CDFA on developing a self-certification program for growers and coordinate with CDFA as the recommendations from the State Water Board's Expert Panel are developed.

Action 6.5.3 Reduce Site Cleanup backlog. The goal of this action is to reduce the number of inactive cases (i.e., the case backlog) in the Site Cleanup Program. Staff have been assigned and have started reviewing the site files to determine the nature of the inactive cases. Of the cases reviewed, 84 were closed, 28 cases have been identified as being informational, 23 sites are being handled by another agency, 39 sites do not have sufficient documentation to make a determination as to whether they are sites or not, 26 sites are potential candidates for closure evaluation, 33 sites are correctly identified as open and inactive, 134 sites are currently being further scrutinized. Work will continue on the sites that need additional review

Action 6.5.4(a) & 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments.

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. As required by the OWTS Policy the Central Valley Water Board adopted amendments for both Basin Plans at the May 2014 meeting. The State Water Board approved the amendments on 9 September 2014 and the amendments have been submitted to the Office of Administrative Law

The OWTS Policy gives Local Agencies the option to develop and implement performance-based requirements for new and replacement OWTS in Local Agency Management Programs (LAMPs). In the Central Valley, most Local Agencies have committed to submit LAMPs; drafts are due to our agency by 13 May 2016, and will require Board approval by 13 May 2017. Central Valley Water Board staff expect to receive 30 draft LAMPs. To prepare for this workload, Central Valley Water Board staff is coordinating with State Board, the California Conference of Directors of Environmental Health (CCDEH), and California Onsite Wastewater Association (COWA). Staff is now drafting a preliminary completeness checklist for draft LAMPs, and plans to solicit final comments from State Board and CCDEH this month.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff is working closely with the State Water Board's WDR unit on a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd, which was adopted at its 23 September meeting. Approximately 250 dischargers in the region are eligible for this more streamlined WDR process. Staff are reviewing the approximately 65 applications it has on file for wastewater treatment and disposal systems for potential enrollment in the small systems general order. Staff is also working on

renewal of the conditional waiver for small food processors and small wineries. The work on this waiver includes review of it to see if it can be expanded to include coverage of more facilities without undue risk to water quality.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

1. **Waste Discharge Requirements (WDRs) Development**

a) **Grasslands Bypass Project/Grassland Drainage Area**

On 31 October, an administrative draft WDR and MRP for discharges to groundwater for growers in the Grassland Drainage Area was released for public comment. Written comments will be accepted until 1 December 2014. A public workshop will be held during the 5/6 February 2015 Board Meeting.

On 19 September, a conference call was arranged between representatives of the Grassland Area Farmers and the U.S. Bureau of Reclamation to discuss the proposed schedule for the WDRs and MRPs for the Grassland Bypass Project and the Grassland Drainage Area. Issues discussed included reporting schedules and board presentations.

b) **Sacramento River Watershed WDR**

On 4 June, the Executive Officer issued a Conditional Notice of Applicability and conditional approval of the Northern California Water Association (NCWA) to serve as the third-party group under Order R5-2014-0030. The conditional approval required submittal of an addendum containing additional documentation related to organizational governance and accountability to complete the NCWA's application. An addendum was submitted by NCWA on 27 June, which partially met the requested documentation. On 12 August, the Executive Officer issued a Request for Supplemental Information from NCWA, which is due by 12 September and must include 1) the methods by which summaries of fees and revenues are readily available to Members, and 2) copies of bylaws of the subsidiary organizations and copies of agreements between collaborating organizations. NCWA submitted supplemental information on 12 September; however, the submittal did not include the requested information and the Executive Officer issued a Failure to Provide Supplemental Information, requesting that complete information be submitted by 27 October 2014. Staff discussion of the request with NCWA is underway.

On 30 October, the Executive Officer issued the final Farm Evaluation Template and final Managed Wetland Evaluation Template to the Coalition. The Farm Evaluation Template must be used by Members with irrigated agriculture operations to report on practices that protect water quality. The Managed Wetland Evaluation Template is for Members who are wetlands managers in the Coalition. Wetlands managers must use the template to report practices in managed wetlands in lieu of submitting the Farm Evaluation Template.

c) **Tulare Lake Basin WDRs**

On 8 October 2014, Central Valley Water Board staff released tentative waste discharge requirements proposing revisions to Waste Discharge Requirements General Order No. R5-2013-0120 for Growers within the Tulare Lake Basin Area that are Members of a Third-Party Group (TLBA General Order). The proposed revisions to the TLBA General Order allows additional time for owners and operators of managed wetlands to obtain membership in an applicable third-party group and modifies the existing time schedule for submission of the Farm Evaluations and Nutrient Management Plans. The deadline for the submission of written comments on the proposed revisions is 7 November 2014.

2. **State Water Resources Control Board Agricultural Expert Panel**

The State Water Board's Agricultural Expert Panel released their final report and recommendations on 9 September 2014 and presented it to the State Water Board at the State Water Board's meeting on 23 September 2014. The final report is available at:

http://www.waterboards.ca.gov/water_issues/programs/agriculture/docs/ILRP_expert_panel_final_report.pdf

3. **Compliance & Outreach – East San Joaquin and West San Joaquin Agricultural Parcel Inspections**

In October, ILRP staff inspected 183 parcels in the East San Joaquin River Watershed. Also in October, staff inspections began in the Western San Joaquin River Watershed area, with 20 inspections completed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the East San Joaquin River Watershed General Order, or the Western San Joaquin River

Watershed General Order. 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 applicable Irrigated Lands General Order.

4. Compliance & Outreach – Tulare Lake Basin Agricultural Parcel Inspections

In September and October, ILRP staff inspected 52 parcels in the Kings River Water Quality Coalition area and 50 parcels in the Tule Basin Water Quality Coalition area. Information gathered during the inspections was used to determine which parcels require coverage under the applicable Tulare Lake Basin General Order.

5. Compliance & Outreach – East San Joaquin Water Code section 13260 Directives

In early November, ILRP staff mailed 22 Directives to landowners who staff has determined own irrigated agriculture. Landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections) are being mailed the directives that require the recipients to submit proof of coalition membership or a Notice of Intent to get regulatory coverage.

6. Compliance & Outreach – Tulare Lake Basin Water Code section 13260 Directives

In October, ILRP staff issued 14 Directives to growers in the Kings River Water Quality Coalition area, and 17 Directives to growers in the Tule Basin Water Quality Coalition area. These directives were sent based on staff inspections which confirmed the presence of irrigated agricultural operations. The recipients are required to obtain regulatory coverage for the identified parcels within 15 days of receipt of the Directive.

7. Compliance & Outreach – Final Notice Letters to Sacramento Valley Growers

In September, ILRP staff mailed 5,472 final notice letters to likely owners of irrigated lands in the Sacramento Valley Water Quality Coalition area. The letters advised owners of irrigated lands to join the Coalition before the October 2nd “open enrollment” deadline. After this deadline, new Coalition members must submit a Notice of Intent and processing fee to the Central Valley Water Board in addition to applying to join the Coalition.

Staff is working with Sacramento Valley Water Quality Coalition representatives to determine landowner response to the outreach letters. Follow up outreach to these landowners is pending response results.

8. Compliance & Outreach – Letters to Tulare Lake Basin Area Growers

Since the last Executive Officer report, 202 outreach letters were issued throughout the Tulare Lake Basin Area informing potential owners of irrigated agricultural lands that new water quality regulations have been adopted. The letters were sent to landowners whose original outreach letters were returned as undeliverable. ILRP staff updated the mailing addresses using alternative sources of information and reissued the outreach letters.

9. Compliance & Outreach – Enforcement

On 28 August 2014, the Assistant Executive Officer of the Central Valley Water Board issued a proposed settlement agreement (Stipulated Order) between the Central Valley Water Board Prosecution Team and David L. and Linda M. Davis Trust (Davis Trust). The settlement is for an Administrative Civil Liability Complaint (Complaint) issued to Davis Trust for failure to respond to a 13260 Directive to obtain regulatory coverage under the Irrigated Lands Regulatory Program.

The Central Valley Water Board’s Advisory Team has determined that, because of its precedential nature, the Davis Trust Stipulated Order should be considered by the Board. Consideration of this Order is therefore tentatively scheduled as an agenda item for the December Board hearing.

On 12 September 2014, the Assistant Executive Officer of the Central Valley Water Board issued an Administrative Civil Liability (ACL) Complaint to Larry W. and Shireen I. Slate (Slate) for failure to respond to a 13260 Directive to obtain regulatory coverage under the Irrigated Lands Regulatory Program. Because the Slate enforcement case is similar to Davis Trust’s, the Slate ACL Complaint is also tentatively scheduled as an agenda item for the December Board hearing.

10. Coalition Groups

a) **East San Joaquin Water Quality Coalition**

Based on discussions with staff regarding the Coalition's Sediment Discharge and Erosion Assessment Report (SDEAR), the Coalition submitted a revised approach for the SDEAR on 15 August. To address additional staff questions, a meeting will be scheduled with Coalition, CVWB, and NRCS staff to discuss an appropriate threshold to be used when evaluating sediment erosion rates.

On 26 September, the Executive Officer approved the Coalition request for extension of the sixth priority Management Plan Performance Goals; specifically for Performance Measures 2.1 and 2.2, which involve obtaining management practice surveys from targeted growers. The approved extension will not affect the subsequent Management Plan milestones.

b) **Sacramento Valley Water Quality Coalition (SVWQC)**

On 1 August, the Sacramento Valley Water Quality Coalition (Coalition) submitted their surface water Monitoring Plan Update (MPU) for the 2015 water year. Per the WDR Order, the MPU provides a comprehensive monitoring schedule, including representative sites, special study sites, parameters and frequency of monitoring. Based on staff review, additions were made to the MPU for clarification. Staff review of the revised MPU is underway.

On 2 September, the Coalition submitted a Groundwater Assessment Report (GAR) Outline, per requirements of the WDR Order. Staff review is currently underway. The GAR determines high and low vulnerability areas, establishes priorities within high vulnerability areas, and provides a basis for further workplan and management plan requirements. The Final GAR is due on 4 June 2015.

c) **San Joaquin County and Delta Water Quality Coalition**

On 26 September, staff and the San Joaquin County and Delta Water Quality Coalition held a meeting discussing the 1 August Monitoring Plan Update. As a result, the Coalition provided a revised Monitoring Plan Update on 7 October. Staff review of the revised MPU is underway.

On 13 October, the Executive Officer approved the 23 July 2014 San Joaquin County and Delta Water Quality Coalition's Groundwater Assessment Report outline. The proposed outline was submitted as required by the Order. The GAR is due to the Board by 25 April 2015.

d) **Tulare Lake Basin Area Third-party Groups**

On 1 October 2014, Central Valley Water Board staff met with coalition leads in Farmersville to discuss the proposed farm evaluation template.

e) **Western Tulare Lake Basin Area Third-Party Group**

At the request of the Westlands Water Quality Coalition (Coalition), ILRP staff met with representatives of the Coalition to discuss possible revisions to the Western Tulare Lake Basin Area (WTLBA) Order on 16 October 2014. Revisions to the WTLBA Order may be needed to address conflicts regarding designation of high and low vulnerability areas and the deadlines for submission of the Farm Evaluation and Nitrogen Management Plans.

11. Other Projects

a) **Data Management**

Data reports received in September for the 2nd quarter 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). Delays with CEDEN's templates have pushed the release of public data to late December.

Staff is currently processing the Westside San Joaquin Watershed Coalition data. Delays have occurred due to staff transitions. Once complete, these sets will complement the existing data on CEDEN, providing all of the data submitted by the Coalition since program inception. The current goal is

to complete and load the Westside San Joaquin River Watershed Coalition data to CEDEN by end of December this year.

On 10 October, staff rejected Buena Vista's second quarter 2014 chemistry electronic data submittal based on the Central Valley Water Board's data management team review. The data submittal will require revisions before the Data Management Team can accept and continue the data package review.

In August of 2013, CEDEN released the most updated and consolidated version of their electronic data templates to staff. Over the course of late 2014 and into early 2015, the ILRP will be transitioning to the use of these new CEDEN templates for Excel based data submissions from Coalitions. This transition will assist all parties in better maintaining comparability and efficient use of resources. Delays within CEDEN have pushed the next communication for late December and should provide an update on the status of the online tool, an updated webpage with links to the new templates and resources as well as provide a revised schedule for the transition.

b) Managed Wetlands Workgroup

During the WDR Order adoption hearings for the Long-term ILRP, the Board directed the Executive Officer and staff to address issues raised by wetlands managers. Following an initial meeting with the Executive Officer, a work group consisting of representatives from public and private managed wetlands formed to address concerns about the applicability of the ILRP framework for regulating discharges from managed wetlands. Following a meeting on 19 March, the workgroup developed a preliminary list of desirable outcomes for a managed wetlands regulatory framework. During a meeting held on 31 July, the Managed Wetlands Workgroup began discussing potential regulatory options. The key concerns expressed were the effects of regulatory program costs on the ability of wetlands managers to optimize wetland habitat and the lack of benefits to their programs under the current program. During meetings held on 16 September and 20 October, the Workgroup discussed conducting a preliminary evaluation of existing water quality information as it relates to managed wetlands and reviewed a conceptual framework for elements of a wetlands-specific Order. Various regulatory options for managed wetlands are still under consideration.

c) Rice Pesticides Program

On 13 October, staff met with the California Rice Commission (CRC) and Rice Pesticides Program (RPP) stakeholders in a meeting to discuss thionecarb monitoring results for the 2014 season. RPP stakeholders present included the representatives from the California Department of Pesticide Regulation, the cities of Sacramento and West Sacramento, and consultants. In their annual summary report, the CRC will identify management practices to address exceedances of the thionecarb performance goal during 2014.

d) Pesticide Evaluation Advisory Workgroup

The Waste Discharge Requirements for irrigated lands include requirements to monitor pesticides in surface water, which are to be identified as part of a process by Central Valley Water Board staff with input from qualified scientists and in coordination with the California Department of Pesticide Regulation (DPR). A Pesticide Evaluation Advisory Workgroup was formed and meetings were held on 9 July, 5 August, 25 September, and 16 October. The Workgroup has reviewed pesticide monitoring prioritization efforts developed by other entities and incorporated elements into a preliminary pesticides prioritization process. Detailed discussion of the process will continue in the next meeting scheduled on 16 December. Additional Workgroup information is available at:

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

NON POINT SOURCE (NPS)

1. **Grazing Regulatory Action Project (GRAP)**

Central Valley Water Board Nonpoint Source staff is engaged in the state-wide GRAP to develop regulatory strategies that Water Boards can implement to more efficiently address water quality impacts and impairments, protect beneficial uses of surface and groundwater, and enhance environmental benefits associated with grazing activities in California.

The GRAP has prepared for a series of focused listening sessions scheduled from early November through mid-December at Cal/EPA. There will be four additional regional meetings in Bishop, Redding, San Luis Obispo, and Sacramento where input from other related and interested Water Board programs will be solicited (these regional meetings have not yet been scheduled). The purpose is to engage stakeholders and solicit early public comment regarding water quality issues associated with grazing activities. The focused listening sessions are divided into five key stakeholder sectors: Ranching and related Industries, Government and Local Agencies, Tribes, Environmental and Environmental Justice Organizations, and Academia. This approach was a recommendation from the Office of Public Participation, which has periodically advised the group on stakeholder outreach strategy. Once the sessions are completed, comments, concerns, and suggestions will be incorporated into the development of a proposal that will be presented to MCC for approval.

On 9 September, Sue McConnell, Rajmir Rai, Ben Letton, and GRAP members from other regions participated in a meeting with the Range Management Advisory Committee (RMAC). The RMAC advises multiple agencies on rangeland resources including: the Board of Forestry and Fire Protection, the Resources Agency, Cal/EPA, and the California Department of Food and Agriculture. The RMAC had requested a meeting with the GRAP to provide early input on rangeland issues and to identify opportunities for future collaboration between the RMAC and the GRAP. In this meeting, the RMAC shared concerns and desires about potential future regulations resulting from GRAP. Some concerns expressed by the RMAC included the potential for overlapping or redundant regulations, public sharing of private landowner grazing business information, and difficulties associated with monitoring to demonstrate effective grazing management. The RMAC desired that the GRAP consider current range management science as well as a voluntary effort, opposed to a regulatory approach, to manage water quality impairments on rangelands. The RMAC, a non-regulatory agency with a wide network of diverse ranching stakeholders, offered to assist the GRAP in future coordination with the ranching community and expressed interest in continued collaboration with the GRAP.

On 15 September, Ben Letton helped brief State Board member Tam Doduc with project sponsor Patty Kouyoumdjian (Region 6, EO) and Cindy Wise (Region 6, project lead). More information of the GRAP can be found at http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml

2. **Cyanotoxins in Clear Lake**

On 30 September, a multi-agency task force convened at the request of environmental staff from Elem Indian Colony and Big Valley Rancheria, and included staff from the Water Boards, Lake County Department of Water Resources, Public Health, USEPA and California Department of Fish and Wildlife. Recent data collected by the Tribes was discussed along with health advisory postings along the shoreline. In addition to participating on the local task force, Central Valley Water Board staff is coordinating with State Water Board staff on the potential re-establishment of the Water Board Blue-Green Algae Workgroup to address the statewide issue of increasing cyanobacteria blooms.

On 9 October, Sue McConnell participated in the Cal EPA Tribal Advisory Committee Meeting. Sarah Ryan with Big Valley Rancheria provided an update on the elevated cyanotoxin levels at Clear Lake. Ms. Ryan advocated for establishment of enforceable cyanotoxin criteria in the water column and in tissue. She also advocated for posting requirements and visible signage.

On October 24, Sue McConnell and Holly Grover participated in the Clear Lake Cyanobacteria Task Force Meeting in Lower Lake. Discussions were centered on the microcystin data collected by the Elem Indian Colony and the Big Valley Rancheria. Microcystin levels sampled on October 7 and October 14 have significantly decreased since the Labor Day weekend. Out of the 10 sample sites, 6 were non-detect and

the highest level of microcystin detected was 4.2 ppb. The Task Force will continue to meet to discuss strategies for future cyanobacteria assessment, outreach and potential mitigation efforts in Clear Lake.

GRANTS

1. **State Water Resources Control Board CAA Interim Emergency Drinking Water – Limited Funding Still Available**

As a result of the Governor's emergency drought relief package, the State Water Board approved \$4 million in funding from the Cleanup and Abatement Account (CAA) to provide interim replacement drinking water for economically disadvantaged communities with contaminated water supplies. Eligible entities include Public Agencies, Not-for-Profit Water Districts, Not-for-Profit Organizations and Tribal Governments. Approximately \$2.6 million in projects have already been funded. Eligible applicants are encouraged to complete the three page application to be considered for the remaining funds.

For further funding information, eligibility requirements, and how to apply, please visit

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/index.shtml

On-going Grant Projects:

2. **Implementation Middle Creek Watershed Road Storm Proofing Project (\$750,000)** - The West Lake Resource Conservation District is implementing this project focused on contributing to the restoration of Clear Lake by reducing the amount of mercury and nutrient transporting sediment reaching the lake and its tributaries. (end date 6/30/15)
3. **Extending Agricultural BMPs in the Lower San Joaquin River Watershed (\$483,720)** – The Sustainable Cotton Project will continue work engaging more farmers of alfalfa, cotton, almonds and more acres in the Lower San Joaquin River watershed in implementing proven BMPs. Chlorpyrifos and diazinon comprise the adopted TMDL for the watershed. This grant works to reduce or eliminate farmers' use of diazinon and chlorpyrifos. (end date 6/30/16)
4. **Mercury on a Landscape Scale: Balancing Regional Exports with Wildlife Health (\$749,500)** – The Bureau of Land Management is testing the Consumnes River Preserve as it is an ideal matrix of replicate seasonal wetlands to evaluate potential management practices to reduce methylmercury concentrations. (end date 6/30/19)

PUBLIC OUTREACH

On 27 August, Sarah Rutherford participated in the Central Sierra Watershed Committee meeting in Oakhurst. Anne Lombardo from the Sierra Nevada Adaptive Management Project presented information on project coordination, study design, and preliminary findings.

On 9 and 12 September, the entire Redding office Timber Unit attended the Road Rules Training Workshop. It was an interagency development training for foresters, landowners, and agencies (CGS, CDFW, RWQCB, CAL FIRE, NMFS). Presentations and a field tour were conducted to develop a common understanding of the new Road Rules package.

On 11 September, to follow-up on a complaint originally submitted by the Fresno Environmental porting Network (FERN), Anthony Medrano drafted and posted correspondence regarding potentially unregulated waste discharge from the Los Gatos Tomato Products, Huron Facility. The complaint indicated that waste water mixed with irrigation water flowed in canal near housing for disadvantaged community members. Los Gatos Tomato Products has proposed, with an implementation schedule, to divert all wastewater from the area in question.

On 16 September, Sarah Rutherford and Patrick Barnes met with board members from the Upper Merced Watershed Council in Mariposa to discuss and begin development of a surface water quality pilot project. The project's primary objective is to assess potential impacts from recent wildfires in the El Portal area, adjacent to the Upper Merced River.

On 16 September, Robert Lira and Debra Mahnke attended the 23rd Annual Air & Waste Management Association – Golden Empire Chapter Technical Conference in Bakersfield. Robert gave a presentation on the new NPDES Industrial Storm Water General Permit, and Debra provided an introductory presentation on the Storm Water Multiple Application & Tracking System (SMARTS) database.

On 17 September 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 Aerojet's discharges from its treatment systems under an NPDES permit, the differences between Regional Board and EPA cleanup criteria, 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 17 September, Scott Gilbreath was invited to participate as a guest speaker at a Northern Sacramento Valley Section California Water Environment Association (NSVS CWEA) Wastewater Operator Training Workshop in Corning. The presentation focused on CIWQS eSMR training and reporting requirements covering topics such as the future of paperless reporting, available CIWQS tools and resources, proper compliance-based reporting, troubleshooting, and typical reporting errors. Stacy Gotham, Jeremy Pagan, and Zack Chandler attended the training as well to provide assistance with Discharger-specific regulatory questions during the training event.

On 18 September, Debra Hallis attended the California Licensed Foresters Association Siskiyou Breakfast Meeting in Weed, California. An update to the proposed Timber Waiver Renewal was presented. Industry representatives, USFS Siskiyou, and area foresters were in attendance.

On 18 September, Shane Edmunds attending the Greater Battle Creek Working Group and provided an update to water quality concerns in the watershed.

On 18 September, Sarah Rutherford met with representatives from Sequoia National Park Service in Three Rivers to discuss possible coordinated future water quality monitoring projects intended to assess potential non-point source concerns.

On 22 September Tessa Fojut participated in the Delta RMP Pesticide Subcommittee meeting.

On 23 September Tessa Fojut participated in the Delta RMP Technical Advisory Committee meeting.

On 24 September, Christine Joab attended a planning meeting on the Yuba County Integrated Regional Water Management Plan. The focus of the stakeholder meeting was to discuss comments received on the draft Integrated Regional Water Management Plan.

On 25 September, Sarah Rutherford participated in the Central Sierra Watershed Committee. Representatives from the Yosemite-Mariposa Integrated Regional Watershed Management Coordinating Committee presented an update on their plan approval and current and ongoing projects.

On 30 September, Michelle Wood, Laura McLellan, and Patrick Morris met with a group of reservoir owners to discuss the Statewide Mercury Control Program for Reservoirs. The focus of the meeting was to develop criteria for selecting reservoirs that would be good candidates for reservoir water chemistry and fisheries management studies and pilot projects.

On 4 October, Sarah Rutherford conducted sample collection training with the Upper Merced River Watershed Council in El Portal. Training included information on SWAMP Standard Operating Procedures for sample collection and coordination for monitoring the Upper Merced River for post wild fire effects.

On 6 October, Sue McConnell and Christine Joab attended the Bay Area Clean Water Agencies (BACWA's) 2nd Annual Nutrient Symposium as part of their San Francisco Bay Nutrients Symposium Series. The Symposium included presentations focused on five Watershed Management Case Studies from around the country (Long Island Sound, Chesapeake Bay, Neuse River/Pamlico Sound, Tampa Bay, Saginaw Bay/Lake Erie/Truckee River) highlighting the management actions and new technology treatments implemented by wastewater treatment facilities to reduce nutrient loadings into the watershed.

On 7 October, Anthony Medrano communicated with members of the Kern Environmental Enforcement Network (KEEN) regarding updates on environmental complaints lodged by various disadvantaged community groups and members.

On 8 October, Tessa Fojut participated in the Delta RMP Pesticide Subcommittee meeting.

On 9 October, Michelle Wood, Patrick Morris, and Chris Foe attended the California Lake Management Society's 2014 conference. More than 80 lake and reservoir managers, agency staff, and consultants from throughout California attended the conference. The conference dedicated the four morning presentations to mercury management. Michelle Wood and Carrie Austin (San Francisco Bay Water Board) gave a two-part presentation about the development of the Statewide Mercury Control Program for Reservoirs. Michelle provided an overview of the program and the conceptual model for sources and cycling of mercury in reservoirs, and described the results and implications of Water Board staff's methylmercury modelling efforts. Carrie reviewed potential methylmercury management options that focus on in-reservoir processes in addition to watershed source control actions and highlighted the need for additional studies and pilot tests. Their presentations were followed by a one-hour interactive session where they, along with Patrick Morris and Chris Foe, facilitated small group discussions at four poster stations that focused on potential methylmercury management measures and reservoir criteria to determine where these potential measures could be evaluated through studies and pilot tests.

On 13 October, Sarah Rutherford and Pam Buford participated in the Madera Integrated Regional Watershed Management group meeting in Chowchilla. Discussion topics included a report on the Ground Water Management Plan and updates on Round I implementation projects, and planning grant status.

On 14 October, Anthony Medrano communicated with members of the Fresno Environmental Reporting Network (FERN) regarding updates on environmental complaints lodged by various disadvantaged community groups and members.

On 15 October, Bethany Soto participated in the Upper Kings Basin Integrated Regional Water Management Authority Board of Directors Meeting. The meeting focus was on project updates, the water bond, and approving financial reports.

On 15 October, Sarah Rutherford participated in the Tuolumne-Stanislaus Integrated Regional Watershed Management WAC and JPA meetings. A presentation on the status of groundwater management and monitoring was made by Brian Moss. Other discussion topics included Proposition 1 funding and opportunities and implementation of Round II funding projects.

On 15 October, Sue McConnell and Jay Simi participated in the Delta RMP Pathogen subcommittee meeting held to discuss the draft Study Design and next steps for the effort.

On 15 October, Sue McConnell and Christine Joab met with the Port of Stockton and other interested parties to discuss the Agreement for Funding and Operation of the Stockton Deep Water Ship Channel Dissolved Oxygen Aeration Facility.

On 20 October, Bethany Soto participated in the Kaweah River Basin Integrated Regional Water Management Plan Group Meeting. The meeting focused on the review of comments from the Department of Water Resources on Kaweah's Integrated Regional Water Management Plan.

On 21 October 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 four instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (October 2010). This is the sixth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 138 people world-wide attended this training. (AMM)

On 22 October, Christine Joab attended a planning meeting on the Yuba County Integrated Regional Water Management Plan. The meeting was focused on finalizing the draft Integrated Regional Water Management Plan and next steps for adopting the Plan. Plan adoption is anticipated by April 2015.

On 22 October, Tessa Fojut participated in the Delta RMP Technical Advisory Committee meeting.

On 22 October, Guy Chetelat attended the Hammer Dam removal meeting with the property owner and implementing agencies in Red Bluff to celebrate the successful removal of Hammer Dam on the South Fork of Cottonwood Creek. Hammer Dam was a small hydroelectric diversion dam that blocked salmon and steelhead access to cold water habitat in the upper watershed. A Water Quality Certification was issued for the project, which utilized explosives. The loss of hydroelectric generation was replaced by a solar power system provided to the property owner.

On 22 and 23 October, staff from the Fresno office joined staff from the Central Coast Region, the Los Angeles Region, and the State Water Board for a tour of the Elk Hills Oil Field. The tour was conducted by Occidental of Elk Hills (Oxy), the principal operator of the oil field. A presentation on oil well construction was followed by a detailed presentation on well stimulation techniques, including acidization and hydraulic fracturing. There was also a presentation on the geology of Elk Hills. The tour included a drive across the oil field to observe the various energy-producing facilities and outcrop geology along the way. The tour provided valuable insight into many aspects of the oil industry. (DSJ)

On 23 October Alex MacDonald presented an update on the cleanup activities at Aerojet and the Inactive Rancho Cordova Test Site to the Sacramento Groundwater Authority. This meeting is held to provide communication between Regional Water Board staff and the water purveyors in the portion of Sacramento County north of the American River. (AMM)

On 27 October, Ken Landau and Chris Foe attended the San Francisco Bay Nutrient Steering Committee meeting in Oakland California. Chris and Lisa Thompson (Sacramento Regional County Sanitation District) made a short joint presentation on progress toward development of a nutrient research plan for the freshwater Delta.

On 27 October, Christine Joab attended the American River Basin Integrated Regional Water Management Plan (IRWM) Stakeholder Meeting. The meeting discussed the status of the adopted IRWM Plan, the impact of

drought on local water resources and the group's actions moving into next year, 2014 legislation related to the Plan, and opportunities the Water Bond may bring to the region.

On 27 October, Bethany Soto and Pam Buford participated in the Tulare Lake Basin Portion of Kern County Integrated Regional Water Management Plan. The meeting focused on a status update of Integrated Regional Water Management implemented grant funding and information on other funding opportunities.

On 29 October, Bethany Soto, Eric Warren, Nick Smaira, Pam Buford, and Sarah Rutherford attended the Groundwater Land Use Symposium which focused on groundwater management planning tools and the role of Integrated Regional Water Management Plans in land use planning.

On 29 October Chris Foe made an oral presentation at the 8th Biennial Bay-Delta Science Conference in Sacramento, California. The presentation was entitled, "Nutrient and Chlorophyll concentrations in the lower Yolo Bypass".

On 29 and 30 October, Patrick Barnes, Dean Hubbard, and Glenn Meeks attended the Western Plant Health Association and Fertilizer Research and Education Program conference in Modesto. The conference included a number of seminars on topics that included measuring nitrate fluxes below the root zone, remote sensing of evapotranspiration, and characterizing nitrogen fertilizer requirements of crops commonly grown in the Central Valley. Mr. Meeks gave a presentation on the 29th on the new groundwater requirements for the Irrigated Lands Regulatory Program related to the Nitrogen Management Plan components and requirements, and a brief description of the CV-SALTS salinity program.

On 30 October, Tessa Fojut presented at the 8th Biennial Bay-Delta Science Conference in Sacramento. The presentation was entitled "Regulatory Challenges of Protecting Aquatic Life and Controlling Contaminants."

On 3 November, Bethany Soto participated in the Tulare Basin Integrated Regional Planning Effort. The meeting focused on available grant program funding, current activities of all Integrated Regional Water Management Programs within the Tulare Basin, and work to engage Disadvantaged Communities.

On 3 November, Guy Chetelat attended focused listening sessions in Sacramento for the Grazing Regulatory Action Project. Environmental and conservation groups were invited to provide input on potential grazing regulation in a morning session and industry and ranching representatives were invited to an afternoon session. Additional listening sessions will be held through January 2015 to obtain input from public entities, scientists and the general public.

On 4 November, several staff from the Mercury TMDL Unit attended the Delta Tributaries Mercury Council meeting. The group heard presentations on methylmercury cycling in restored wetlands, a plan to inventory and prioritize abandoned mines, mercury in the Lake Berryessa watershed, and the California tribes fish-use survey.

On 4 November, Anthony Medrano accompanied other water board staff to a kick-off meeting for a groundwater pilot-study for nitrate removal in the disadvantaged community of Paradise Colony, Tulare County

On 4 November, Danny McClure attended a State Water Board workshop on collaboration with the Department of Pesticide Regulation and municipalities on urban-use pesticides.

On 5 November, Ken Landau spoke to the American Council of Engineering Companies (ACEC), Central California Chapter, in Modesto about the priority water quality issues in the Region.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATE

September 1, 2014 – October 31, 2014

Promotions:

None

Leave of Absence:

None

Retirement:

None

Authorized Positions: 232.7

Vacant Positions 12

Separations	New Hires
Marisa Van Dyke – ES Robert Reeves – EG Matthew Harlow – WRCE Robert Lira – ES Katie Connaughton - WRCE	Brett Braidman – SSM I Xuan Luo – WRCE Talmadge Robinson – ES Stephanie Tadlock – ES Gurbinder Dhaliwal – ES Sarah Rutherford – ES Doug Barber – WRCE Lynn Coster - ES Kevin Pfeiffer - EG Daniel Warner – WRCE

Temporary Help Positions

Separations	New Hires
None	Tina Ures – SA Jacqueline Gonzales – SC Pa Vang – SA Randy Caballero – SA Akira Sugita-Vasquez – SA Shaina Price – SA Philip Churchill – SA

TRAINING UPDATE
July 1, 2014 – August 31, 2014

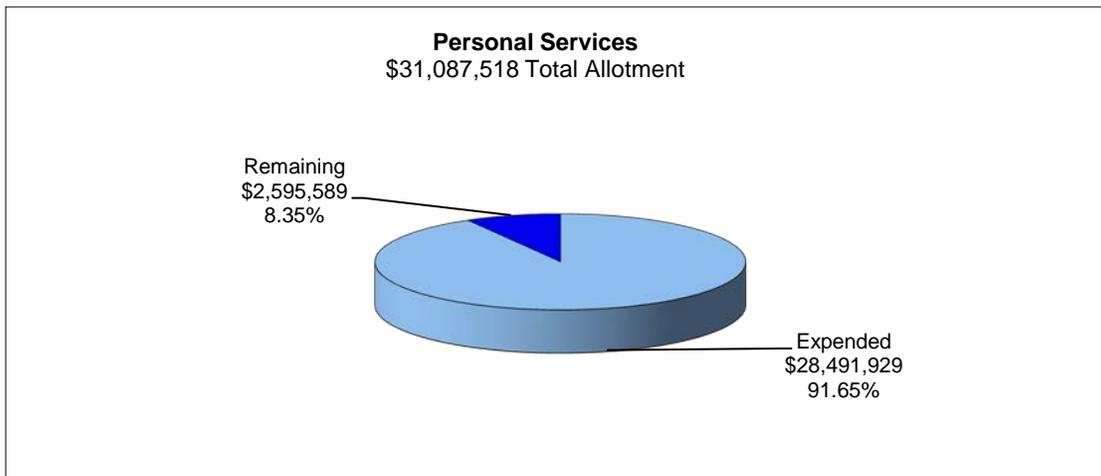
Class Title	Number of Attendees
#300 Fundamental Inspector Course - Online Training	2
#310 Cal/EPA Basic Inspector Academy	2
2014 Continuing Challenge Hazardous Materials Emergency	2
8 Hour Hazwopper Refresher Training	7
8th Biennial Bay-Delta Science Conference	6
Agency/RPF Training, 2013 Road Rules Package	1
ATV Rider Course	1
Basic Forest Practice Inspector Training	3
Basic Inspector Training	1
Basic Supervision for State Supervisors - Part II	1
CAL/EPA Basic Inspector Academy	1
CALMS 2014 Conference-CA Lake Management Society	3
CASQA 2014 10th Annual Conference-Urban Stormwater Management	3
CEQA: A Step-By-Step Approach	1
Course #300: Fundamental Inspector Course -Online Training (FIC)	1
Defensive Drivers Training	7
GRAC Land Subsidence Symposium	1
Groundwater Land Use Symposium	6
How to Work with Difficult People	1
Principles of Groundwater Flow & Transport Modeling	1
QSD/QSP State Mandated Training	1
Security Awareness	3
State Supervisory Training Certificate Program	1
Toast Master	1
Working with CDFW to Support Enforcement	34

FISCAL UPDATE
Year-Ending June 30, 2014
(100% should have been expended to date)

Note: Budget information for the 2014-2015 Fiscal Year is not yet available.

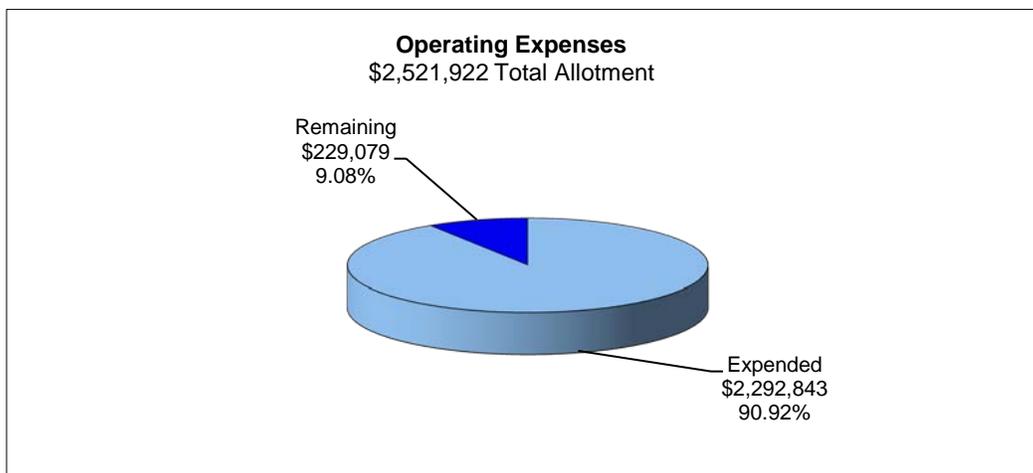
Personal Services:

Our Personal Services budget for the 2013/14 Fiscal Year was \$31,087,518. We realized a significant savings in personal services due to turnover this year. We are working with State Board to streamline our hiring practices to assist us in filling our vacant positions in the future as efficiently as possible and to ensure we utilize the resources as intended.



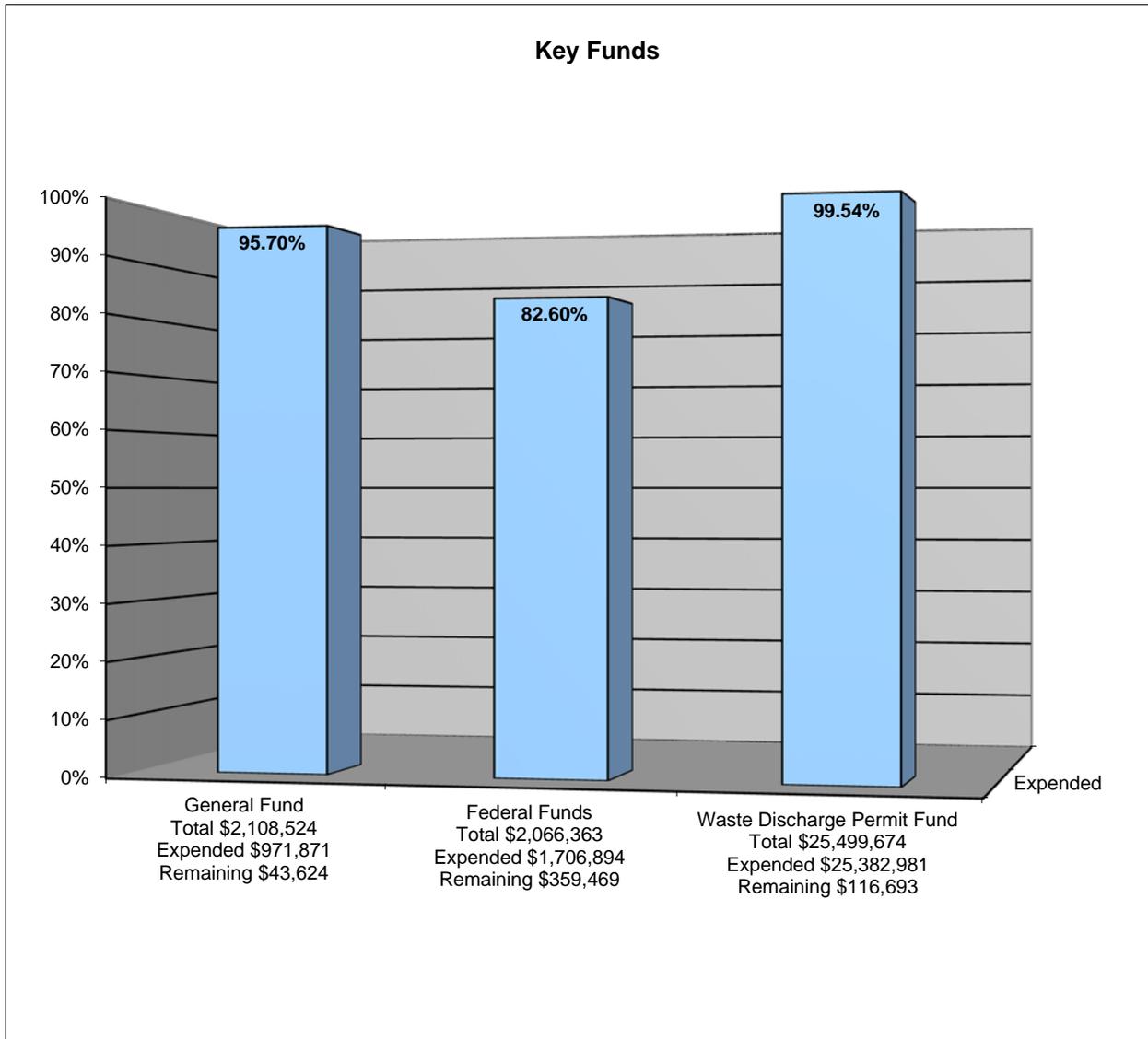
Operating Expenses:

Our Operating Expense budget for the 2013/14 Fiscal Year (FY) was \$2,521,922. Most of the operating budgets and many of the operating expenditures for the Water Boards were consolidated by State Board in the 2013/14 FY. Identifying what acquisitions would be the responsibility of State Board versus the Regional Board was not clear to us at the onset of the year. As such, our Region's operating budget was not fully expended. We are better prepared for this new fiscal year to plan and facilitate our acquisitions and expenditures specifically to our Region's needs and in coordination with State Board.



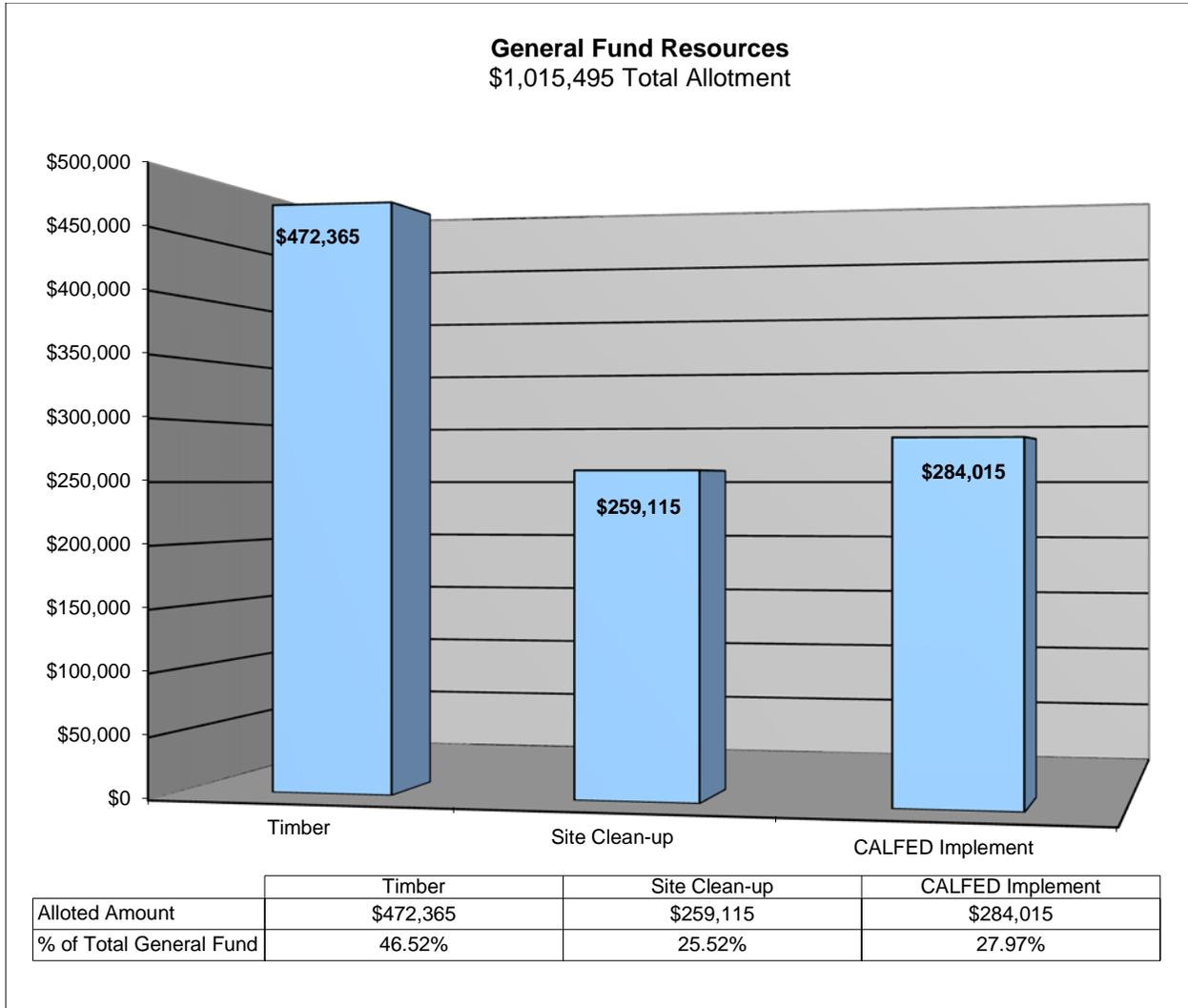
Key Fund Issues:

All key funds have been expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2013/14 Fiscal Year is \$1,015,495. The Legislature and the Governor have directed our General Fund monies to specific programs. We have very little discretion in shifting these resources from one program to another



CONTRACTS

Contract #	Contractor Name	Description	End Date	Amount
Administrative Support Services				
12-058-150	California Reporting, LLC	Court Report Services	5/31/2015	\$32,000
12-061-150	Eaton Interpreting Services, Inc.	Interpreting & Real-Time Caption	5/31/2015	\$6,500
14-150-9010	California Reporting, LLC	Court Reporter Services - Off Site	6/30/2015	\$4,999
Operational Support Services				
12-095-150	Excelchem Environmental Laboratories	Lab Analytical Services - Redding	6/30/2015	\$55,000
13-014-150	Moore Twining Associates Inc.	Lab Analysis - Fresno	6/30/2015	\$130,000
13-051-150	Excelchem Environmental Laboratories	Lab Analysis - Rancho Cordova	6/30/2015	\$160,000
14-150-XXX	Air Shasta Rotor and Wing	Helicopter Services	6/30/2015	\$4,999
TBD	TBD	Helicopter Services	11/30/2017	\$35,000
Water Quality Study/Planning				
09-076-150	San Joaquin Valley Drainage Authority	CV-Salts - Phase 1	5/14/2016	\$1,200,000
11-123-555	San Joaquin Valley Drainage Authority	CV-Salts - Phase 2	12/1/2016	\$3,800,000
12-077-150	Aquatic Science Center	Delta Regional Monitoring	3/30/2015	\$250,000
12-098-150	San Jose State University Research Foundation	Methyl Mercury Monitoring	3/31/2015	\$200,000
13-080-150	Aquatic Science Center	Delta Regional Monitoring	3/30/2016	\$250,000
13-093-150	Delta Conservancy	Delta Mercury Exposure Program	3/1/2018	\$370,000
13-103-150	California Department of Fish & Wildlife	Stream Health Assessment	9/30/2016	\$42,537
13-104-150	The Regents of UC Davis	Colusa Basin Sediment	9/30/2015	\$64,813
13-105-150	The Regents of UC Davis	Butte Creek Sediment	9/30/2016	\$44,901
13-117-150	California Department of Food & Agriculture	Dairy Digester Study with UC Davis	6/30/2016	\$200,000
14-025-150	Delta Conservancy	Delta Mercury Exposure Reduction Program	6/30/2017	\$370,000
14-030-150	USGS	Urban and Agriculture Pesticide Monitoring	6/30/2017	\$175,000

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.

FEBRUARY 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Bell Carter Olive Company Industrial WWTP Permit Renewal
- Tehama County Sanitation District, Mineral WWTP Permit Renewal
- Sierra Pacific Industries-Burney Permit Renewal
- Crystal Creek Aggregate Inc. Permit Rescission
- Dicalite Minerals Corp. Permit Rescission
- City of Manteca Sewage Treatment Plant Permit Renewal
- Placerville, Hangtown Creek Cease and Desist Order
- Bear Valley CSD WWTF Permit Renewal
- 16 to 1 Mine Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Keenan Farms Pistachio Plant (Revised WDRs)
- Monarch Nut Company (Revised WDRs)
- Shasta Renewable Energy (New WDRs)
- Crystal Creek Aggregate (New WDRs)
- Small Food Processors and Wineries (Waiver Renewal)
- Delhi WWTF (Revised WDRs)
- Pacific Coast Producers Inc. (Revised WDRs)
- Los Gatos Tomato Processing (Revised WDRs)
- Golden State Vintners (Revised WDRs)
- City of Lathrop, Lathrop Consolidated WWTF (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Dellar Landfill (New WDRs)
- Foothill Landfill (Revised WDRs)
- West Central Class III Landfill (Revised WDRs)

MARCH 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Nevada County Wildwood Permit Renewal
- Nevada County Cascade Shores Permit Renewal
- Nevada County Lake of the Pines Permit Renewal
- City of Sacramento Combined Wastewater Control System Permit Renewal
- City of Turlock WQCF Permit Renewal

APRIL 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Nevada County Wildwood Permit Renewal
- Nevada County Cascade Shores Permit Renewal
- Nevada County Lake of the Pines Permit Renewal
- City of Sacramento Combined Wastewater Control System Permit Renewal
- City of Turlock Wastewater Treatment Plant Permit Renewal
- Cutler-Orosi WWTF Permit Amendment

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Compost Solutions (Revised WDRs)
- E&J Gallo Winery, Fresno (Revised WDRS)
- Exeter Dehydrator (Revised WDRs)
- Paramount Farms, Kings Facility (Revised WDRs)
- Grimway Enterprises-Shafter (New WDRs)
- Richgrove WWTF (Revised WDRs)
- Kern Ridge Growers, Di Giorgio Facility (New WDRs)
- Giumarra Winery (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)
- Sutter Home Winery (Revised WDRs)
- Sacramento Rendering Co. (Revised WDRs)
- UC Davis Center for Aquatic Biology (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Altamont Landfill (Revised WDRs)
- Portola Class III Landfill (Revised WDRs)

STORM WATER PROGRAM – PERMITTING

- Sacramento Hydromodification Management Plan Approval

JUNE 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Sliger Mine Permit Renewal
- Lazarus Mining LLC –Telegraph, Dutch, and Klondike adit discharges – Permit Renewal
- Donner Summit Permit Renewal
- Collins Pine Company, Chester Sawmill Permit Renewal
- Wheelabrator Shasta Energy Co. Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- United Auburn Indian Community, Thunder Valley Casino Permit Renewal

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- City of Rio Vista Northwest WWTP Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- The Wine Group McFarland Winery (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- City of Richgrove WWTF (Revised WDRs)
- Ventura Coastal, Tipton Plant (Revised WDRs)
- Harris Ranch Kingsburg Plant (Revised WDRs)
- Granite Construction Oroville Facility (New WDRs)
- Bully Hill Rising Star Mines (New WDRs)
- Spanish Mine (New WDRs)
- Bear Creek Winery (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Shasta Wine Village (New WDRs)
- Tulare Lake Drainage District-Mid Evap. Basins (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Fairmead Landfill (Revised WDRs)
- McKittrick Waste Treatment Site (Revised WDRs)
- Aera Energy, LLC Closed Surface Impoundment (Revised WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

- Grasslands Bypass Project Area (New WDRs for discharge to groundwater)

CONFINED ANIMAL PROGRAM

- General Order for Bovine Feedlots (New WDRs)
- General Order for Poultry Facilities (New WDRs)

STORM WATER PROGRAM - PERMITTING

- 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)
- Central Valley Region-wide MS4 Permit

SIGNIFICANT POLICIES, PLANS AND PERMITS UNDER DEVELOPMENT OF PENDING DEVELOPMENT

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-16	Phase I update of the Bay-Delta Plan:- San Joaquin River flows and southern Delta salinity.	2014-10-22 2014-10-01: Draft Substitute Environmental (SED) released on December 31, 2012 for public comment. Hearing to receive comments on the SED was held on March 20-21, 2013, and comments were received by March 29, 2013. Revised Draft SED to be recirculated for public comment winter 2014/2015. Draft plan amendment to be brought to the Board for consideration in summer of 2015.	Statewide	SB
A-15	Bacteria Standards for Ocean and Inland Surface Waters	2014-11-13 The State Water Board is developing proposed statewide bacteria water quality objectives and a control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives would be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. Staff held focused stakeholder meetings from April through July 2014. Staff is compiling the comments from these meetings. Staff held a meeting with subject matter experts in September. Staff plans to release draft documents for public comment in spring 2015. Proposed Time Line - Focus Group Outreach - July 2014, Scoping Document & Meetings - Jan/Feb. 2015, Draft Staff Report - Summer 2015, Public Comment - Summer 2015, Public Hearing - Fall 2015, Comment Response - Winter 2015, Board Adoption - Spring 2016	Statewide	SB
A-15	Listing Policy Update	2014-11-17 A suite of amendments to the Listing Policy is currently under review. These amendments will be presented to the State Water Board for consideration in February 2015.	Statewide	SB
A-15	Composting Operations Statewide General Order	2014-11-18 Staff completed the Draft Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (General Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with CalRecycle and the Air Resources Board. Staff expects to have the draft EIR and proposed General Order available for public release in December 2014 and anticipated adoption at the April 21, 2015 Board Meeting.	Statewide	SB
A-15	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II	2014-08-06 Development of human health objectives is in progress. Staff, the SQO Advisory Committee, and Agency Coordinating Committee have met quarterly to create a process for implementing the tiered assessment framework developed by Southern California Coastal Water Research Project (SCCWRP). Staff is also meeting monthly with the Los Angeles Regional Water Quality Control Board, the Ports of Los Angeles and Long Beach, and SCCWRP (known as the Harbor Technical Work Group [HTWG]) to collaborate on studies that will assist in the development, testing, and implementation of Phase II SQO's. The HTWG will refine plans in support of the ports' TMDL activities. Staff established a sediment quality workgroup to coordinate contracts and projects, and address technical issues within coastal regions. The advisory committee met on August 6, 2014 and the Harbor Technical work group met on August 7, 2014. Staff anticipates release of the draft SQO amendments and substitute environmental document in July 2016.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Basin Plan Amendment – Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs	2014-11-04 Case study conducted in coordination with CV-SALTS for two phase evaluation of appropriate beneficial uses and level of protection in Ag dominated waterbodies. Phase I to focus on MUN with consideration of basin plan amendment anticipated in early 2015 (hearing in February/adoption in April). CEQA Scoping completed Oct/Nov 2012. Phase II to focus on other beneficial uses with timeline dependent on results from Phase I. Goal to adopt appropriate beneficial uses and water quality objectives in 27-individual ag dominated water bodies as well as a process for determining appropriate uses and objectives region-wide.	Regional	R5
A-15	Grassland Drainage Area - New Groundwater WDRs	2014-09-18 The Grassland Drainage Area (GDA) surface water discharges are regulated through the Grassland Bypass Project WDRs. A separate set of general WDRs for discharge to groundwater from the GDA are being developed. The groundwater WDRs will have a similar structure to other irrigated lands WDRs.	Regional	R5
A-15	Cadmium Objective and Hardness Implementation Policy	2014-10-07 In response to a Jeopardy Biological Opinion by the National Marine Fisheries Service on U.S. EPAs 304(a) recommended acute aquatic life cadmium criterion in the state of Oregon, U.S. EPAs Office of Water is updating its national cadmium criteria. Currently, staff is following the U.S. EPA effort as it relates to the State Water Board effort.	Statewide	SB
A-15	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2014-09-18 WDRs are being updated to reflect a Basin Plan amendment and the Use Agreement between the US Bureau of Reclamation and the San Luis and Delta-Mendota Water Authority for Phase III of the project. Board consideration scheduled for 2015.	Regional	R5
A15	Timber Activities on National Forest System Lands	2014-08-06 State Water Board staff has been actively engaging Regional Water Board staff and the U.S. Forest Service in the development of alternatives to a Statewide Conditional Waiver that was proposed in 2011 but was not adopted by the State Water Board. One effort moving forward is the Grazing Regulatory Action Project, which includes consideration of grazing activities on U.S. Forest Service land. Additionally, a spatial analysis of U.S. Forest Service non-point source generating activities and infrastructure is underway. The spatial analysis is a coordinated effort with the Grazing Regulatory Action Project and will inform State Water Board and Regional Water Board staff of the highest priority activities and infrastructure for which the most appropriate regulatory measure could be applied.	Statewide	SB
A-15	General Order for Poultry Facilities	2014-11-18 General Order for poultry raising and egg laying facilities. May include tiered requirements depending on types of waste management practices used at facility.	Regional	R5
A-15	Central Valley Pyrethroids Basin Plan Amendment	2014-11-04 In development. Scoping meeting held in October 2012. Stakeholder meetings held in Sept-Nov 2014. Scheduled for peer review draft release in January 2015, Board Hearing in June 2015.	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Establish New Water Quality Objectives for Salinity and Boron in the Lower San Joaquin River - Amendment to the Sacramento River and San Joaquin River Basin Plan.	2014-11-04 Regional Board completed CEQA Scoping meeting in March 2009. Development of proposed water quality objectives being conducted the stakeholder driven, CV-SALTS Lower San Joaquin River sub-committee. The Amendment is tentatively scheduled for consideration by the Regional Board in December 2015. Status report provided to Regional Board on 28 March 2014. (Staff contact, Jeanne Chilcott)	Regional	R5
A-15	Central Valley Diuron Basin Plan Amendment	2014-11-04 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Spring 2015, Board Hearing by December 2015. (Staff contact, Danny McClure)	Regional	R5
A-15	Statewide Storm Water Construction General Permit Reissuance	2014-10-07 State Water Board staff is preparing a draft permit for the reissuance of the existing Construction General [Storm Water] Permit, also referred to as the CGP. Regional Water Board staff and stakeholder input is being gathered, which includes suggested changes to the existing permit. A project schedule and proposed adoption date has not yet been determined.	Statewide	SB
A-15	Region-wide General Order for MS4s	2014-11-04 Stakeholder Working Group meetings ongoing, latest 29 October 2014. (Staff contact, Bryan Smith)	Regional	R5
A-15	Composting Operations Statewide General Order	2014-11-18 Staff completed the Draft Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (General Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with CalRecycle and the Air Resources Board. Staff expects to have the draft EIR and proposed General Order available for public release in December 2014 and anticipated adoption at the April 21, 2015 Board Meeting.	Statewide	SB
A-15	Revision of General Order for Existing Dairies	2014-11-18 Revision of General Order R5-2013-0122 to include requirements for land application areas consistent with the Irrigated Lands Regulatory Program requirements.	Regional	R5
A-15	Region-wide Waiver for Small Wineries and Food Processors	2014-10-31 2014-10-31 Initial Study, Draft Mitigated Negative Declaration and Tentative Waiver issued for pulic review on 31 October 2014. The Waiver replaces the previous Waiver (Order R5-2009-0097) and expands that applicability to wastewater discharge volumes of up to 1,000,000 MG per year. This item is scheduled for consideration by the Regional Board in February 2015. (Staff contact, Anne Olson)	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Central Valley Diazinon and Chlorpyrifos Basin Plan Amendment	2014-11-04 Amendment addressing chlorpyrifos and diazinon in hundreds of valley floor rivers, streams and creeks adopted by Regional Board on 28 March 2014. Requires SB, OAL and USEPA approval before becoming effective.(Staff contact, Danny McClure)	Regional	R5
A-14	Implement Lower San Joaquin River Salt/Boron TMDL	2014-11-04 TMDL requires USBR and agricultural dischargers to operate under WDRs with monthly salt load allocations OR the development of MAA with USBR to mitigate salt loading to river and operation under a Central Valley Water Board approved real-time salinity management program (RTMP) for agricultural dischargers. Salt load allocations have been incorporated into appropriate Ag Coalition WDRs with option to participate in Board approved RTMP. Revised MAA with USBR and Framework for a salinity RTMP for the Lower San Joaquin River scheduled to be considered by the Central Valley Water Board in December 2014. (Staff contact, James Brownell)	Regional	R5
A-14	Renewal of Timber Harvest Waiver	2014-09-19 Public Comment period ends October 10, 2014. Currently scheduled for consideration at the December 2014 board meeting. (Staff Contact, Angela Wilson)	Regional	R5
A-14	Wetland Area Protection and Dredge and Fill Permitting Policy – Phase I	2014-10-31 Selected stakeholder meetings were held in April 2013 to receive comments on specific issues related to the Preliminary Draft Wetland Policy posted online January 28, 2013. Separate meetings were held with representatives of the business, utilities, environmental advocacy and Central Valley Joint Ventures stakeholder groups. State Water Board staff will consider these comments in preparing the draft Wetland Policy, which is scheduled for public release in fall 2014.	Statewide	SB
*A-14	Ocean Plan Amendment: desalination and brine provisions	2014-11-05 State Water Boards staff is preparing amendments to the Ocean Plan to address impacts to marine life from desalination facilities and brine discharges. Staff released a draft staff report including the Substitute Environmental Documentation for public comment on July 3, 2014. A Board workshop was held on August 6, 2014 and a Public Hearing on August 19, 2014. The deadline for public comments was August 19, 2014. Staff received more than 700 comments and staff is preparing a response to comments. Board consideration is anticipated in February/March 2015.	Statewide	SB
A-14	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2014-11-05 The draft toxicity amendments, revised staff report, and response to public comments received in summer 2012 are currently undergoing internal review. Another comment period will begin once these documents are released in Winter 2014. An adoption meeting is anticipated for early 2015.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Trash WQC Plan Amendments	2014-11-05 Statewide water quality control plans are to be amended to address trash in water ways. The draft plan document and staff report was released for public comment on June 10, 2014. A board workshop took place on July 16, 2014, and the Public Hearing was held on August 5, 2014. The Comment Deadline was August 5, 2014 by 12 noon. Staff received more than 600 comments. Staff expects to complete the response to comments and present the Amendment for Board consideration in Winter 2015.	Statewide	SB
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2014-11-04 Regional Board completed CEQA Scoping meeting in July 2009. A summary report on OC pesticides is scheduled to be completed by December 2014.	Regional	R5
A-14	Statewide NPDES Permit Package for Discharges from Drinking Water Systems	2014-11-05 The proposed permit package includes a draft resolution and draft statewide NPDES permit. The draft resolution proposes that the State Water Board grant water purveyors, statewide, an exception to regulatory requirements that conflict with mandated activities required by the Safe Drinking Water Act and the California Health and Safety Code. The draft statewide permit will regulate discharges of water from well development and maintenance, water transmission, treatment and distribution facilities, and unexpected discharges due to pipe breaks and emergencies. The State Water Board held a public hearing on August 5, 2014. Additionally, State Water Board staff continued conducting one-on-one outreach and stakeholder meetings throughout the State. As of August 19, 2014 (the public comment due date), the State Water Board received 56 letter providing public comment on the June 6 and July 3, 2014 draft permit package documents. The State Water Board will consider the public comments during its subsequent consideration of the final draft permit documents. The State Water Board held a workshop to receive public comments on the draft permit and resolution on October 21, 2014. The State Water Board will consider the items on November 18, 2014. The final draft resolution and statewide permit were provided to the public on October 2, 2014 and again on November 10, 2014.	Statewide	SB
A-14	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2014-10-31 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated to preclude the use of prohibitions of waste discharge for addressing NPS discharges for those land uses (e.g.; irrigated lands) already covered under other regulatory mechanisms (e.g.; waivers of waste discharge requirements) for which discharger enrollment fees are being assessed. Staff anticipates releasing a draft of the NPS Policy amendments in late Fall 2014.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
*A	Antidegradation Policy	2014-10-31 The State Water Board is considering preparation of an Implementation Plan Appendix to the existing Antidegradation Policy, or an additional policy, to address application of the Antidegradation Policy to groundwater. Focused stakeholder meetings were held in October and November 2013. The work team, composed of members from the State Water Board and Regional Water Boards, convened in Sacramento on April 21 and June 27, and in Riverside on August 15, 2014, to consider stakeholder comments, review staff discussion papers, and work on the framework for the Implementation Plan or policy. The project web page went live in September, 2014, and contains summaries of purpose, background, and process; an estimated time line; and links to associated documents. Staff is preparing a draft white paper for internal review and discussion by the work team in November 2014. State Water Board executive management and Board briefings are projected for December 2014/January 2015, and additional focused stakeholder group meetings are projected to take place in February/March 2015.	Statewide	SB
*A	Onsite Wastewater Treatment Systems Policy Implementation	2014-11-05 The Final Draft of the Local Agency Management Plan (LAMP) Guidance document is under review. The document is scheduled to be finalized in November 2014. As of October 21, 2014, updates on Regional Boards\ Basin Plan Amendments to incorporate the OWTS Policy are as follows: (1) Regions 3, 4, 5, 6, 7 and 8 Basin Plan Amendments have been approved by the State Water Board; (2) Regions 1 and 2 are scheduled to bring their Basin Plan Amendments for State Water Board consideration by the end of 2014; (3) A Basin Plan Amendment for Region 9 is planned for December 2014.	Statewide	SB
*A	Water Effects Ratios	2014-11-05 Staff is currently conducting research and outreach for the proposed Water Effects Ratio Policy. Currently there are no meetings scheduled, staff will post an update once more information available.	Statewide	SB
A	Development of the Delta Regional Monitoring Program	2014-10-16 The Delta RMP steering committee has been formed and governance structure adopted. The steering committee is working on program funding and initial monitoring priorities. A Technical Advisory Committee has been formed and is working with technical subgroups to develop monitoring designs for nutrients, mercury, toxicity/pesticides, and pathogens. (Staff contact, Patrick Morris)	Regional	R5
A	Nutrient Numeric Endpoints Tools	2014-09-24 Staff is working with technical advisory groups to produce an implementation strategy document. U.S. EPA has contracted to have nutrient numeric endpoint protocol updated with results of case studies and lessons learned. This year, staff will organize a stakeholder advisory group, a science advisory group, and will expand a regulatory advisory group for nutrients in perennial wadeable streams.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Groundwater Quality Protection Strategy	2014-11-05 At the Central Valley Water Boards September 2010 meeting Resolution #2010-0095 was adopted which approved the Groundwater Quality Protection Strategy for the Central Valley Region, A Roadmap. Progress reports on the Workplans for the highest priority actions were provided in June 2012 and December 2013. At the December 2013 meeting a workplan for June 2013 - June 2015 was approved that included the unfinished high and medium priority actions. Prior to an update of the Roadmap staff are coordinating with State Water Board on the statewide Groundwater Workplan. A status report on the implementation of the current workplan is included in the Executive Officers Report for the December 2014 Central Valley Water Board meeting. (Staff contact person, Pam Buford)	Regional	R5
A	Draft Chlorine Amendment	2014-10-31 The draft Total Residual Chlorine and Chlorine-Produced Oxidants Policy of California will be converted into an amendment to the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California. The accompanying staff report and response to comments will be revised, and responses will be provided to the peer review comments addressing the Investigation of Continuous Online Measurement of Chlorine and Sulfite in Wastewaters: Implications for Water Quality Regulation.	Statewide	SB
A	Grazing	2014-10-16 The Water Boards formed a work team to develop this project (titled Statewide Grazing Regulatory Action Project or GRAP). The work team generally meets monthly. The work team has developed a stakeholder outreach strategy, issue paper and a fact sheet. Some outreach to stakeholders such as the USFS, BLM, NRCS, CalFire and the CCA has begun. The work team has completed the State Water Board member briefings in advance of Focused Stakeholder Listening (FSL) sessions. The first FSL sessions are scheduled to begin in November. Focus groups include Environmental/Environmental Justice; Ranching and Related Industries; Government and Public Agencies; Academia and Other; and Tribes. The GRAP website will be updated within the next two weeks and will include a Fact Sheet. Website: http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml	Statewide	R6
A	Mercury TMDL (Reservoirs)	2014-11-05 Staff from Regions 2 and 5 are developing a TMDL and implementation plan to address fish mercury impairments in 74 reservoirs around the state. In March 2012, staff held CEQA Scoping meetings in Sacramento, Oakland, Riverside and Redding. Currently staff is working on the scientific and technical analysis (source analysis, linkage, targets, allocations, and implementation plan considerations). Staff is developing a framework document to outline the elements that could be in a statewide plan to reduce fish mercury levels in the reservoirs. Focused stakeholder group meetings are being held in summer 2014. In addition, staff met with the reservoir operators on March 17, May 16, and September 30. On October 9 we presented to a large group of reservoir managers at the CA Lake Management Society. The purpose of the reservoir meetings is to develop ideas and criteria for water chemistry and fisheries management studies and pilot tests.	Statewide	SB
A	Federal Land Management Agency Sites Memorandum of Understanding	2014-10-01 Negotiating a MOU between USFS, BLM, DTSC, DFG, DOC, SWRCB, Regional Boards, that will establish principles for the parties to work cooperatively within the State to identify, prioritize, investigate and cleanup inactive and abandoned mine lands. Recently renewed	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2014-10-16 Mining waste at six mercury mines in the upper Cache Creek watershed was tentatively scheduled to be consolidated and covered in 2014 to prevent continued erosion of mercury sediment into Sulphur Creek, a tributary to Cache Creek. Permitting delays associated with review and approval of the project by the US Army Corps of Engineers will likely delay implementation of the planned cleanup until 2015. The six mercury mines included in this cleanup include the Central, Cherry Hill, Empire, Manzanita, West End, and Wide Awake.	Regional	R5
A	Methylmercury Objectives	2014-11-05 Staff is preparing draft regulatory language and a draft staff report and coordinating with the staff developing the statewide mercury TMDL for reservoirs. Focus group meetings began in June 2014 and will continue through October 2014. The purpose of the meetings was to collect feedback from tribes and other stakeholder groups on the project framework. In October 2014, staff met with regional board representatives and conducted additional outreach to tribes. The draft staff report and the draft regulatory language are expected to be sent to the peer review in September 2015.	Statewide	SB
A	Storm Water Strategic Initiative	2014-10-31 The Water Boards have been engaging with stakeholders statewide through a collaborative process to identify and discuss storm water program issues and potential approaches to address them. The product of this collaboration will be a prioritized list of potential Water Board actions that identifies ways to expand the breadth of the storm water program to better integrate watershed management, multiple-benefit solutions, source control, and improvement in regulatory program efficiency and effectiveness. It will focus on three main elements: (1) utilization of storm water as a resource (2) removal of storm water pollutants by true source control and (3) improvement of overall Water Board program efficiency and effectiveness.	Statewide	SB
A	CV-SALTS – Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley – Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	2014-11-05 Revised strategy and workplan to address funding constraints February 2012. Case studies evaluating appropriate beneficial uses and associated water quality objectives for AGR and MUN in surface and groundwater. Initial modeling results for salinity/nitrate source and fate and assimilative capacity completed. Implementation alternatives under evaluation. CEQA Scoping meetings completed October 2013. Draft SNMP Framework in 2014. Final SNMP in 2016. Next State Water Board annual report scheduled for 20 January 2015. (Staff contact person, Jeanne Chilcott)	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Phase II Small Municipal Separate Storm Sewer System (MS4) Permit Amendment	2014-11-05 State Water Board staff is waiting on Regional Board staff (specifically Los Angeles) to submit implementation language to be inserted into the proposed amendment of Attachment G (titled Region-specific Total Maximum Daily Loads Implementation Requirements) in the existing Phase II Small MS4 Permit. The proposed revision of Attachment G will undergo the public process beginning early 2015 and the revisions will be incorporated through a State Water Board permit action to amend the permit.	Statewide	SB
A	General Order for Bovine Feedlots	2014-11-18 General Order to regulate bovine feedlots (other than dairies - e.g., heifer facilities, calf raising facilities, beef cattle facilities).	Regional	R5
P	Modify the Beneficial Uses for Freshwater Aquatic Habitat and Remove Spawning for West Squaw Creek - Amendment to the Sacramento River and San Joaquin River Basin Plan	2014-08-27 Use Attainability Analysis was conducted to demonstrate the current beneficial uses assigned to West Squaw Creek, a stream heavily impacted by acid mine drainage, are not achievable. Specifically, the stream cannot support fish and other pH or metal sensitive aquatic species and spawning of selected fish species defined in the Basin Plan. A Staff Report including the proposed amendments and CEQA functional equivalent document was presented to the Regional Board on 9 July 2004. The Regional Board adopted Resolution R5-2004-0090 which included the UAA, Staff Report, Functional Equivalent Document and proposed amendments. BPA rejected by State Board. Staff gathering additional information to respond to State Board and USEPA comments. Expected completion date 2015	Regional	R5
P	Off-Highway Vehicle (OHV) waste discharge requirements (WDR) / waiver	2014-05-30 Staff plans to develop concepts for Waste Discharge Requirements (WDR) or waiver of WDR for OHVs at State Parks.	Statewide	SB
P	Federal Land Management Agency Sites Memorandum of Understanding	2014-10-01 Negotiating a MOU between USFS, BLM, DTSC, DFG, DOC, SWRCB, Regional Boards, that will establish principles for the parties to work cooperatively within the State to identify, prioritize, investigate and cleanup inactive and abandoned mine lands. Recently renewed	Regional	R5
P	Blue Green Algae Action Levels	2014-10-31 The State Water Board provided funding to OEHHA to develop action levels for blue green algae toxins (cyanotoxins) in water and fish. OEHHA completed a draft report, which was submitted to peer review. The Peer Review was completed in 2011 and the final report was completed in May 2012. A possible next step is to adopt statewide objectives for cyanotoxins, pending management prioritization.	Statewide	SB
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2014-11-04 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated.	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
P	Sand/gravel wash water to land GENERAL ORDER or waiver	2013-04-26 Earmarked by the new WDR II unit at the State Water Board for consideration of a state-wide GO	Statewide	SB
P	Suction Dredge General Permit	2014-08-06 Suspended indefinitely now that the suction dredging moratorium has been extended indefinitely. Senate Bill 1018 (ch. 39, stats. 2012) removed the previous date on which the existing suction dredging moratorium had been scheduled to end. Suction dredging, including the method known as "booming", continues to be prohibited within 100 yards of any California river, stream or lake (Fish & G. Code, § 5653 subd. (d).).	Statewide	SB
P	Timber Activities on Non-federal Lands	2014-11-05 On September 10, 2012, the Governor signed into law AB 1492. The legislation calls for increased coordination and reporting by all Timber Harvest Review Team Agencies. An evaluation of internal programmatic business needs, in conjunction with external agency coordination to meet the new reporting requirements, is underway.	Statewide	SB
P	Biological Integrity Plan Development	2014-10-07 In May, staff met with the stakeholder subcommittee and regulatory advisory group to review draft plan language and the workplan for completing the plan and staff report. Staff is considering the feedback and revising the draft document.	Statewide	SB
P	New winery waste guidelines	2014-11-04 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated.	Regional	R5
P	Mercury Offset Policy	2014-10-31 Suspended indefinitely.	Statewide	SB
		LEGEND		
		White = Active effort (A)		
		Green = Targeted for completion in 2014 (A-14)		
		Orange = Targeted for completion in 2015 (A-15)		
		Gray = Suspended or No statewide effort at this time or Pending (P)		
		Note: * indicates Board Priority		

ATTACHMENT A – SSO Summary Table

Count of Spills Month	5F				5R				5S				Grand Total
	Category 1	Category 2	Category 3	5F Total	Category 1	Category 2	Category 3	5R Total	Category 1	Category 2	Category 3	5S Total	
August 2014	0	1	8	9	1	0	0	1	2	2	153	157	167
September 2014	2	1	4	7	0	0	0	0	1	5	174	180	187
Total	2	2	12	16	1	0	0	1	3	7	327	337	354

Spill Cause	Count of Spills	%
Root Intrusion	244	68.9%
Debris-General	43	12.1%
Grease Deposition	25	7.1%
Pipe Structural Problem/Failure	12	3.4%
Operator error	7	2.0%
Debris-Rags	5	1.4%
Other	4	1.1%
Pump Station Failure-Mechanical	3	0.8%
Damage by Others Not Related to CS Construction/Maintenance	2	0.6%
Vandalism	2	0.6%
Debris from Construction	2	0.6%
Debris from Lateral	2	0.6%
Construction Diversion Failure	1	0.3%
Pump Station Failure-Controls	1	0.3%
Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure	1	0.3%
Grand Total	354	100%

Category 1: Discharges of untreated or partially treated wastewater of any volume resulting from an enrollee's sanitary sewer system failure or flow condition that:

Reach surface water and/or reach a drainage channel tributary to a surface water; or

Reach a Municipal Separate Storm Sewer System (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the MS4 is considered to have reached surface water unless the storm drain system discharges to a dedicated storm water or groundwater infiltration basin (e.g., infiltration pit, percolation pond).

Category 2: Discharges of untreated or partially treated wastewater of 1,000 gallons or greater resulting from an enrollee's sanitary sewer system failure or flow condition that do not reach surface water, a drainage channel, or a MS4 unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly

Category 3: All other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition

Region	Collection System	WDID	Spill ID	Certified 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	5SSO10912	808272	Certified	Category 1	118937	Sacramento	Yes	2,625	2,575	8/6/2014	Grease Deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	808926	Certified	Category 1	4304 Manchester Ave., Stockton, CA	San Joaquin	Yes	2,401	2,401	9/1/2014	Grease Deposition (FOG)
5F	Clover Creek CS	5SSO11675	809459	Certified	Category 1	Lodgepole Highway Bridge	Tulare	Yes	500	500	9/28/2014	Other (Specify below)
5R	Red Bluff CS	5SSO10845	808890	Certified	Category 1	Aloha - Jackson	Tehama	Yes	359	359	8/31/2014	Grease Deposition (FOG)
5F	Clover Creek CS	5SSO11675	809147	Certified	Category 1	Lodgepole Campground Loop C	Tulare	Yes	750	100	9/14/2014	Debris-Rags
5S	Murphys CS	5SSO11007	808697	Certified	Category 1	731 Dam RD, Murphys	Calaveras	Yes	150	10	8/17/2014	Root Intrusion
5S	City Of Antioch CS	5SSO10890	809366	Certified	Category 2	Neroly road	Contra Costa	No	604,159	0	9/20/2014	Pipe Structural Problem/Failure
5S	Southeast Regional Waste Disp Fac CS	5SSO11055	809797	Certified	Category 2	10970 Clayton Creek, Lower Lake, Ca 95457	Lake	No	14,400	0	9/29/2014	Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure
5F	Exeter CS	5SSO11226	809419	Certified	Category 2	Beverly Place - Manhole	Tulare	No	5,000	0	9/6/2014	Pump Station Failure-Mechanical
5S	City of Stockton MUD CS	5SSO11433	809460	Certified	Category 2	128 Orleans Ct., Stockton	San Joaquin	No	3,920	0	9/26/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	808901	Certified	Category 2	120528	Sacramento	No	3,150	0	8/30/2014	Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
5S	Sacramento Area Sewer District CS	5SSO10912	808236	Certified	Category 2	118755	Sacramento	No	1,654	0	8/4/2014	Grease Deposition (FOG)
5S	White Slough Water Poll Con Pu CS	5SSO11084	809177	Certified	Category 2	1819 South Cherokee Lane	San Joaquin	No	1,204	0	9/13/2014	Grease Deposition (FOG)
5F	Pleasant Valley State Prison CS	5SSO11196	808694	Certified	Category 2	A-Facility PVSP	Fresno	No	1,200	0	8/23/2014	Pump Station Failure-Mechanical
5S	Davis CS	5SSO10921	808994	Certified	Category 2	315 West 14th street Davis CA	Yolo	No	1,200	0	9/4/2014	Debris from Lateral
5S	Hangtown Creek CS	5SSO10965	808621	Certified	Category 3	2750 Debbie Lane, Placerville, CA	El Dorado	No	780	0	8/20/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810380	Certified	Category 3	122325	Sacramento	No	633	0	9/22/2014	Pipe Structural Problem/Failure
5S	El Dorado Hills CS	5SSO10941	808565	Certified	Category 3	EDH-2014-08-04	El Dorado	No	500	0	8/5/2014	Debris-General
5F	Taft City CS	5SSO10940	808592	Certified	Category 3	Pilgrim Avenue, City of Taft	Kern	No	400	0	8/19/2014	Grease Deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	808974	Certified	Category 3	537 S. Oro St.	San Joaquin	No	396	0	8/30/2014	Debris-General
5F	Corcoran State Prison CS	5SSO11190	808420	Certified	Category 3	California State Prison-Corcoran	Kings	No	370	0	8/8/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	5SSO10912	810340	Certified	Category 3	121673	Sacramento	No	308	0	9/19/2014	Root intrusion
5S	City Of Antioch CS	5SSO10890	809225	Certified	Category 3	2801 Skipton Court	Contra Costa	No	303	0	8/30/2014	Root Intrusion
5S	Marysville CS	5SSO10994	809509	Certified	Category 3	2416 Edwards St	Yuba	No	300	0	9/6/2014	Debris-General
5S	Marysville CS	5SSO10994	810110	Certified	Category 3	2416 Edwards St	Yuba	No	300	0	9/6/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	5SSO10912	809533	Certified	Category 3	118653	Sacramento	No	261	0	8/3/2014	Grease deposition (FOG)
5F	Atwater CS	5SSO10716	808578	Certified	Category 3	Shaffer Lift Station	Merced	No	250	0	8/10/2014	Pump Station Failure-Mechanical
5S	San Andreas CS	5SSO11048	809472	Certified	Category 3	M.H. C-350 523 Russel Rd	Calaveras	No	250	0	9/29/2014	Root Intrusion
5F	Lindsay, City of WWTP CS	5SSO11237	808754	Certified	Category 3	Samoa st/Harvard ave	Tulare	No	200	0	8/27/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	809609	Certified	Category 3	120109	Sacramento	No	196	0	8/22/2014	Root intrusion
5S	Hangtown Creek CS	5SSO10965	808213	Certified	Category 3	2730 Morriner Drive, Placerville, CA	El Dorado	No	175	0	8/2/2014	Root Intrusion
5S	City of Stockton MUD CS	5SSO11433	809124	Certified	Category 3	623 E. Hammer Ln	San Joaquin	No	170	0	9/7/2014	Pump Station Failure-Controls
5S	Hangtown Creek CS	5SSO10965	808480	Certified	Category 3	431 Debbie Court, Placerville, CA	El Dorado	No	160	0	8/13/2014	Root Intrusion
5S	Modesto CS	5SSO11001	809034	Certified	Category 3	1811 Teresa St	Stanislaus	No	160	0	9/4/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	5SSO10912	809618	Certified	Category 3	120230	Sacramento	No	131	0	8/25/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809538	Certified	Category 3	118659	Sacramento	No	122	0	8/3/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	809632	Certified	Category 3	120379	Sacramento	No	122	0	8/26/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808425	Certified	Category 3	1120 E. Lindsay St.	San Joaquin	No	117	0	8/12/2014	Root Intrusion
5F	City of Fresno CS	5SSO11202	809430	Certified	Category 3	MH 2153-56	Fresno	No	110	0	8/28/2014	Construction Diversion Failure
5S	City of Stockton MUD CS	5SSO11433	808887	Certified	Category 3	7020 Kermit Ln	San Joaquin	No	107	0	8/23/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810318	Certified	Category 3	121310	Sacramento	No	104	0	9/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809590	Certified	Category 3	119626	Sacramento	No	102	0	8/16/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810387	Certified	Category 3	122463	Sacramento	No	102	0	9/30/2014	Root intrusion
5S	California State Prison, Sacramento CS	5SSO11183	808966	Certified	Category 3	California State Prison CA.	Sacramento	No	100	0	9/4/2014	Pipe Structural Problem/Failure
5S	Dry Creek CS	5SSO10935	809410	Certified	Category 3	1308 Plymouth Ct.	Placer	No	100	0	9/5/2014	Debris-Rags
5S	Grass Valley City CS	5SSO10958	809428	Certified	Category 3	438 Kate Hayes Street	Nevada	No	100	0	9/7/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	809595	Certified	Category 3	119668	Sacramento	No	99	0	8/18/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809172	Certified	Category 3	1646 W. Alpine Ave.	San Joaquin	No	80	0	9/13/2014	Root Intrusion
5F	Tuolumne Utilities District CS	5SSO10771	809663	Certified	Category 3	843 E Bald Mtn Rd	Tuolumne	No	80	0	9/30/2014	Root intrusion

Region	Collection System	WDID	Spill ID	Certified 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	City of Woodland CS	5SSO10903	809055	Certified	Category 3	1324 Paddock Place	Yolo	No	79	0	9/8/2014	Debris-General
5S	Dry Creek CS	5SSO10935	809771	Certified	Category 3	2588 McCloud	Placer	No	77	0	9/25/2014	Root Intrusion
5F	Yosemite Valley CS	5SSO10774	809323	Certified	Category 3	Yosemite Valley MH # S131	Mariposa	No	75	0	9/19/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810383	Certified	Category 3		122350 Sacramento	No	65	0	9/29/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	809558	Certified	Category 3		118907 Sacramento	No	64	0	8/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810385	Certified	Category 3		122381 Sacramento	No	64	0	9/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809631	Certified	Category 3		120370 Sacramento	No	61	0	8/27/2014	Root intrusion
5F	Atwater CS	5SSO10716	808579	Certified	Category 3	Oak and Third	Merced	No	60	0	8/10/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810276	Certified	Category 3		120814 Sacramento	No	54	0	9/4/2014	Root intrusion
5S	Tracy CS	5SSO11066	809031	Certified	Category 3	Clover Road at Castle Court	San Joaquin	No	50	0	8/16/2014	Grease Deposition (FOG)
5S	Clearlake Oaks Co Wtr Dis CS	5SSO10906	808657	Certified	Category 3	12441 pine st 95423	Lake	No	50	0	8/20/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	5SSO10912	809648	Certified	Category 3		120556 Sacramento	No	50	0	8/31/2014	Root intrusion
5S	Clearlake Oaks Co Wtr Dis CS	5SSO10906	809195	Certified	Category 3	12957 2ed st clearlake oaks	Lake	No	50	0	9/10/2014	Debris from Lateral
5S	City of Stockton MUD CS	5SSO11433	809361	Certified	Category 3	613 E. Yorkshire Dr.	San Joaquin	No	47	0	9/22/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	808965	Certified	Category 3	202 Don Carlos Ave.	San Joaquin	No	46	0	9/3/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810279	Certified	Category 3		120878 Sacramento	No	42	0	9/4/2014	Root intrusion
5S	Murphys CS	5SSO11007	808700	Certified	Category 3	Man Hole # 41	Calaveras	No	40	0	8/24/2014	Root Intrusion
5S	White Slough Water Poll Con Pu CS	5SSO11084	809941	Certified	Category 3	435 Harold Drive	San Joaquin	No	40	0	9/5/2014	Grease Deposition (FOG)
5S	Colfax CS	5SSO10907	809350	Certified	Category 3	Manhole near 202 Dinky way	Placer	No	40	0	9/23/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809569	Certified	Category 3		119154 Sacramento	No	35	0	8/9/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808729	Certified	Category 3	1211- 1215 E. Market	San Joaquin	No	35	0	8/25/2014	Root Intrusion
5S	City of Stockton MUD CS	5SSO11433	809336	Certified	Category 3	3228 Warwick Ct.	San Joaquin	No	33	0	9/19/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810375	Certified	Category 3		122297 Sacramento	No	33	0	9/28/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809581	Certified	Category 3		119424 Sacramento	No	32	0	8/13/2014	Root intrusion
5S	Clearlake Oaks Co Wtr Dis CS	5SSO10906	808162	Certified	Category 3	255 Lake st Clearlake Oaks Ca 95423	Lake	No	30	0	8/4/2014	Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
5S	Sacramento Area Sewer District CS	5SSO10912	810286	Certified	Category 3		120907 Sacramento	No	30	0	9/7/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808707	Certified	Category 3	1112 S. California St.	San Joaquin	No	29	0	8/22/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810329	Certified	Category 3		121497 Sacramento	No	29	0	9/16/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810355	Certified	Category 3		121835 Sacramento	No	29	0	9/20/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809356	Certified	Category 3	6329 Maywood Ln.	San Joaquin	No	28	0	9/20/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810370	Certified	Category 3		122275 Sacramento	No	28	0	9/27/2014	Root intrusion
5F	City Of Bakersfield CS	5SSO10717	808814	Certified	Category 3	Oswell St & Auburn St	Kern	No	25	0	8/27/2014	Grease Deposition (FOG)
5F	City of Fresno CS	5SSO11202	809429	Certified	Category 3	4756 E. ORLEANS	Fresno	No	23	0	8/25/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809580	Certified	Category 3		119362 Sacramento	No	21	0	8/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809610	Certified	Category 3		120111 Sacramento	No	21	0	8/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810333	Certified	Category 3		121516 Sacramento	No	21	0	9/10/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809234	Certified	Category 3	829 Cambridge Dr.	San Joaquin	No	21	0	9/10/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810342	Certified	Category 3		121699 Sacramento	No	21	0	9/19/2014	Root intrusion
5S	City of Woodland CS	5SSO10903	809433	Certified	Category 3	819 Donner Way	Yolo	No	21	0	9/20/2014	Root Intrusion
5S	City of Stockton MUD CS	5SSO11433	809345	Certified	Category 3	1021 S. Madison St	San Joaquin	No	21	0	9/21/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809553	Certified	Category 3		118823 Sacramento	No	20	0	8/1/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808233	Certified	Category 3	2454 S. Pilgrim St.	San Joaquin	No	20	0	8/5/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	808736	Certified	Category 3	7020 Kermit Ln	San Joaquin	No	20	0	8/25/2014	Debris-General
5S	Dry Creek CS	5SSO10935	809393	Certified	Category 3	201 N. Grant	Placer	No	20	0	9/4/2014	Root Intrusion
5S	City Of Antioch CS	5SSO10890	809228	Certified	Category 3	408 W 5th Street	Contra Costa	No	20	0	9/5/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810306	Certified	Category 3		121200 Sacramento	No	20	0	9/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810332	Certified	Category 3		121514 Sacramento	No	20	0	9/17/2014	Root intrusion
5S	Angels Camp CS	5SSO10865	809305	Certified	Category 3	766 Mark Twain	Calaveras	No	20	0	9/20/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809582	Certified	Category 3		119434 Sacramento	No	19	0	8/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809625	Certified	Category 3		120274 Sacramento	No	19	0	8/26/2014	Root intrusion

Region	Collection System	WDID	Spill ID	Certified 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	Turlock CS	5SSO11069	808917	Certified	Category 3	Oxford and Jacqueline Lee	Stanislaus	No	17	0	8/18/2014	Debris-General
5S	City of Sacramento Combined CS	5SSO10901-C	808932	Certified	Category 3	2011 56th STREET, SACRAMENTO, CA	Sacramento	No	17	0	9/1/2014	Root Intrusion
5S	Grass Valley City CS	5SSO10958	808245	Certified	Category 3	107 East Colfax Ave	Nevada	No	15	0	8/6/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	808396	Certified	Category 3	9 Gold Run Pl.	San Joaquin	No	15	0	8/8/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809586	Certified	Category 3	119557	Sacramento	No	15	0	8/14/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	808894	Certified	Category 3	714 N. Hunter St.	San Joaquin	No	15	0	8/29/2014	Debris-General
5S	Angels Camp CS	5SSO10865	809001	Certified	Category 3	766 Mark Twain Rd.	Calaveras	No	15	0	9/4/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810274	Certified	Category 3	120806	Sacramento	No	15	0	9/4/2014	Debris-General
5S	Stonagate Village CS	5SSO11060	809170	Certified	Category 3	1448 Peeble Ct	Sutter	No	15	0	9/12/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	5SSO10912	809525	Certified	Category 3	118584	Sacramento	No	13	0	8/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809614	Certified	Category 3	120130	Sacramento	No	13	0	8/24/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809636	Certified	Category 3	120394	Sacramento	No	13	0	8/28/2014	Root intrusion
5S	Manteca CS	5SSO10993	808921	Certified	Category 3	777 N Lincoln	San Joaquin	No	12	0	8/22/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	809539	Certified	Category 3	118663	Sacramento	No	11	0	8/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809560	Certified	Category 3	118920	Sacramento	No	11	0	8/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809598	Certified	Category 3	119736	Sacramento	No	11	0	8/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810267	Certified	Category 3	120681	Sacramento	No	11	0	9/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810345	Certified	Category 3	121782	Sacramento	No	11	0	9/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809535	Certified	Category 3	118655	Sacramento	No	10	0	8/3/2014	Root intrusion
5S	Dry Creek CS	5SSO10935	808719	Certified	Category 3	1707 Sunningdale Dr	Placer	No	10	0	8/7/2014	Root Intrusion
5S	Uc Davis CS	5SSO11071	808572	Certified	Category 3	Primate Center	Yolo	No	10	0	8/8/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809577	Certified	Category 3	119279	Sacramento	No	10	0	8/12/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809587	Certified	Category 3	119563	Sacramento	No	10	0	8/14/2014	Root intrusion
5S	City Of Antioch CS	5SSO10890	809227	Certified	Category 3	2700 Stapleton Drive	Contra Costa	No	10	0	8/20/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809645	Certified	Category 3	120538	Sacramento	No	10	0	8/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809647	Certified	Category 3	120545	Sacramento	No	10	0	8/31/2014	Root intrusion
5S	Grass Valley City CS	5SSO10958	809444	Certified	Category 3	604 Le Duc St	Nevada	No	10	0	9/8/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810296	Certified	Category 3	121043	Sacramento	No	10	0	9/9/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810311	Certified	Category 3	121254	Sacramento	No	10	0	9/11/2014	Root intrusion
5F	City Of Bakersfield CS	5SSO10717	809331	Certified	Category 3	4312 Dovewood St	Kern	No	10	0	9/19/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810351	Certified	Category 3	121812	Sacramento	No	10	0	9/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810369	Certified	Category 3	122263	Sacramento	No	10	0	9/26/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808443	Certified	Category 3	4 W. Rose St.	San Joaquin	No	9	0	8/13/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809602	Certified	Category 3	119873	Sacramento	No	9	0	8/19/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810327	Certified	Category 3	121440	Sacramento	No	9	0	9/16/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810341	Certified	Category 3	121688	Sacramento	No	9	0	9/18/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	808564	Certified	Category 3	707 Howard St.	San Joaquin	No	8	0	8/18/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810269	Certified	Category 3	120691	Sacramento	No	8	0	9/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810290	Certified	Category 3	120922	Sacramento	No	8	0	9/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810331	Certified	Category 3	121513	Sacramento	No	8	0	9/16/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809337	Certified	Category 3	925 W. Magnolia St.	San Joaquin	No	8	0	9/20/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810368	Certified	Category 3	122159	Sacramento	No	8	0	9/25/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809531	Certified	Category 3	118641	Sacramento	No	7	0	8/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809575	Certified	Category 3	119275	Sacramento	No	7	0	8/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809573	Certified	Category 3	119242	Sacramento	No	7	0	8/11/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	809600	Certified	Category 3	119767	Sacramento	No	7	0	8/18/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	809616	Certified	Category 3	120175	Sacramento	No	7	0	8/25/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810317	Certified	Category 3	121309	Sacramento	No	7	0	9/14/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809344	Certified	Category 3	65 E. Arcade St.	San Joaquin	No	7	0	9/18/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810361	Certified	Category 3	121893	Sacramento	No	7	0	9/22/2014	Root intrusion

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5S	City of Stockton MUD CS	5SSO11433	809412	Certified	Category 3	1233 N. San Joaquin St.	San Joaquin	No	7	0	9/24/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	809536	Certified	Category 3	118657	Sacramento	No	6	0	8/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809611	Certified	Category 3	120120	Sacramento	No	6	0	8/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809644	Certified	Category 3	120537	Sacramento	No	6	0	8/30/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810275	Certified	Category 3	120813	Sacramento	No	6	0	9/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810283	Certified	Category 3	120902	Sacramento	No	6	0	9/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810335	Certified	Category 3	121581	Sacramento	No	6	0	9/16/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810362	Certified	Category 3	121981	Sacramento	No	6	0	9/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810374	Certified	Category 3	122295	Sacramento	No	6	0	9/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809527	Certified	Category 3	118599	Sacramento	No	5	0	8/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809552	Certified	Category 3	118820	Sacramento	No	5	0	8/5/2014	Debris-General
5S	County Service Area 44 Zone G CS	5SSO11483	809668	Certified	Category 3	Lower Lateral at 7859 Renee Drive	San Joaquin	No	5	0	8/6/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809567	Certified	Category 3	119148	Sacramento	No	5	0	8/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809570	Certified	Category 3	119162	Sacramento	No	5	0	8/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809585	Certified	Category 3	119519	Sacramento	No	5	0	8/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809591	Certified	Category 3	119634	Sacramento	No	5	0	8/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809596	Certified	Category 3	119683	Sacramento	No	5	0	8/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809597	Certified	Category 3	119710	Sacramento	No	5	0	8/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809606	Certified	Category 3	120020	Sacramento	No	5	0	8/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809629	Certified	Category 3	120345	Sacramento	No	5	0	8/27/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809639	Certified	Category 3	120515	Sacramento	No	5	0	8/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809649	Certified	Category 3	120602	Sacramento	No	5	0	8/30/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810265	Certified	Category 3	120660	Sacramento	No	5	0	9/2/2014	Root intrusion
5S	City Of Folsom CS	5SSO10893	809187	Certified	Category 3	2184 Owl Meadow St	Sacramento	No	5	0	9/7/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810308	Certified	Category 3	121234	Sacramento	No	5	0	9/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810303	Certified	Category 3	121173	Sacramento	No	5	0	9/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810312	Certified	Category 3	121260	Sacramento	No	5	0	9/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810321	Certified	Category 3	121318	Sacramento	No	5	0	9/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810330	Certified	Category 3	121510	Sacramento	No	5	0	9/16/2014	Root intrusion
5F	City Of Bakersfield CS	5SSO10717	809332	Certified	Category 3	628 O St	Kern	No	5	0	9/20/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810352	Certified	Category 3	121815	Sacramento	No	5	0	9/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810358	Certified	Category 3	121855	Sacramento	No	5	0	9/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810359	Certified	Category 3	121882	Sacramento	No	5	0	9/22/2014	Debris-General
5S	Hangtown Creek CS	5SSO10965	809475	Certified	Category 3	Locust Street, Placerville, CA.	El Dorado	No	5	0	9/23/2014	Debris-General
5S	Dry Creek CS	5SSO10935	810034	Certified	Category 3	115 Campo St.	Placer	No	5	0	9/27/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810371	Certified	Category 3	122288	Sacramento	No	5	0	9/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810373	Certified	Category 3	122294	Sacramento	No	5	0	9/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810384	Certified	Category 3	122374	Sacramento	No	5	0	9/29/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810388	Certified	Category 3	122468	Sacramento	No	5	0	9/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809529	Certified	Category 3	118634	Sacramento	No	4	0	8/1/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809532	Certified	Category 3	118651	Sacramento	No	4	0	8/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809540	Certified	Category 3	118665	Sacramento	No	4	0	8/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809543	Certified	Category 3	118692	Sacramento	No	4	0	8/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809562	Certified	Category 3	119016	Sacramento	No	4	0	8/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809563	Certified	Category 3	119117	Sacramento	No	4	0	8/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809564	Certified	Category 3	119126	Sacramento	No	4	0	8/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809566	Certified	Category 3	119147	Sacramento	No	4	0	8/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809572	Certified	Category 3	119217	Sacramento	No	4	0	8/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809593	Certified	Category 3	119654	Sacramento	No	4	0	8/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809613	Certified	Category 3	120126	Sacramento	No	4	0	8/24/2014	Root intrusion

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55	Sacramento Area Sewer District CS	5SSO10912	809622	Certified	Category 3	120273	Sacramento	No	4	0	8/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809626	Certified	Category 3	120276	Sacramento	No	4	0	8/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809628	Certified	Category 3	120325	Sacramento	No	4	0	8/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809635	Certified	Category 3	120391	Sacramento	No	4	0	8/27/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809637	Certified	Category 3	120425	Sacramento	No	4	0	8/28/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809642	Certified	Category 3	120520	Sacramento	No	4	0	8/30/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810261	Certified	Category 3	120580	Sacramento	No	4	0	9/2/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810262	Certified	Category 3	120623	Sacramento	No	4	0	9/2/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810273	Certified	Category 3	120775	Sacramento	No	4	0	9/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810309	Certified	Category 3	121244	Sacramento	No	4	0	9/7/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810299	Certified	Category 3	121112	Sacramento	No	4	0	9/10/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810300	Certified	Category 3	121120	Sacramento	No	4	0	9/10/2014	Grease deposition (FOG)
55	Dry Creek CS	5SSO10935	809423	Certified	Category 3	1007 Chisum Ct	Placer	No	4	0	9/11/2014	Root Intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810305	Certified	Category 3	121199	Sacramento	No	4	0	9/11/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810322	Certified	Category 3	121341	Sacramento	No	4	0	9/15/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810324	Certified	Category 3	121346	Sacramento	No	4	0	9/15/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810325	Certified	Category 3	121405	Sacramento	No	4	0	9/16/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810326	Certified	Category 3	121406	Sacramento	No	4	0	9/16/2014	Debris from Construction
55	Sacramento Area Sewer District CS	5SSO10912	810353	Certified	Category 3	121819	Sacramento	No	4	0	9/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809530	Certified	Category 3	118638	Sacramento	No	3	0	8/2/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809534	Certified	Category 3	118654	Sacramento	No	3	0	8/3/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809546	Certified	Category 3	118756	Sacramento	No	3	0	8/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809549	Certified	Category 3	118779	Sacramento	No	3	0	8/5/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809550	Certified	Category 3	118785	Sacramento	No	3	0	8/5/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809555	Certified	Category 3	118877	Sacramento	No	3	0	8/5/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809557	Certified	Category 3	118890	Sacramento	No	3	0	8/6/2014	Root intrusion
55	City of Stockton MUD CS	5SSO11433	808249	Certified	Category 3	8921 San Pasqual Wy.	San Joaquin	No	3	0	8/6/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	809579	Certified	Category 3	119348	Sacramento	No	3	0	8/12/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809583	Certified	Category 3	119463	Sacramento	No	3	0	8/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809588	Certified	Category 3	119581	Sacramento	No	3	0	8/15/2014	Root intrusion
55	City of Stockton MUD CS	5SSO11433	808559	Certified	Category 3	139 San Fernando Ave.	San Joaquin	No	3	0	8/18/2014	Root Intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809601	Certified	Category 3	119769	Sacramento	No	3	0	8/19/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809607	Certified	Category 3	120055	Sacramento	No	3	0	8/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809612	Certified	Category 3	120123	Sacramento	No	3	0	8/24/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809615	Certified	Category 3	120144	Sacramento	No	3	0	8/24/2014	Root intrusion
55	Dry Creek CS	5SSO10935	808779	Certified	Category 3	408 Garden Breeze Ct	Placer	No	3	0	8/25/2014	Root Intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809619	Certified	Category 3	120233	Sacramento	No	3	0	8/25/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809630	Certified	Category 3	120356	Sacramento	No	3	0	8/25/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809641	Certified	Category 3	120518	Sacramento	No	3	0	8/29/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809643	Certified	Category 3	120531	Sacramento	No	3	0	8/29/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810258	Certified	Category 3	120555	Sacramento	No	3	0	9/1/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810260	Certified	Category 3	120563	Sacramento	No	3	0	9/2/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810264	Certified	Category 3	120650	Sacramento	No	3	0	9/3/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810271	Certified	Category 3	120746	Sacramento	No	3	0	9/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810277	Certified	Category 3	120862	Sacramento	No	3	0	9/5/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	810280	Certified	Category 3	120891	Sacramento	No	3	0	9/6/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	810284	Certified	Category 3	120903	Sacramento	No	3	0	9/6/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810285	Certified	Category 3	120906	Sacramento	No	3	0	9/7/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810289	Certified	Category 3	120917	Sacramento	No	3	0	9/8/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810294	Certified	Category 3	120984	Sacramento	No	3	0	9/9/2014	Root intrusion

Region	Collection System	WDID	Spill ID	Certified 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
55	Sacramento Area Sewer District CS	5SSO10912	810295	Certified	Category 3	120989	Sacramento	No	3	0	9/9/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810301	Certified	Category 3	121148	Sacramento	No	3	0	9/10/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810302	Certified	Category 3	121153	Sacramento	No	3	0	9/10/2014	Debris-General
55	City of Stockton MUD CS	5SSO11433	809098	Certified	Category 3	1721 Christina Ave.	San Joaquin	No	3	0	9/10/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810304	Certified	Category 3	121187	Sacramento	No	3	0	9/11/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810315	Certified	Category 3	121298	Sacramento	No	3	0	9/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810328	Certified	Category 3	121461	Sacramento	No	3	0	9/15/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810336	Certified	Category 3	121582	Sacramento	No	3	0	9/17/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810338	Certified	Category 3	121650	Sacramento	No	3	0	9/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810339	Certified	Category 3	121658	Sacramento	No	3	0	9/19/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	810348	Certified	Category 3	121803	Sacramento	No	3	0	9/20/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810349	Certified	Category 3	121804	Sacramento	No	3	0	9/20/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810350	Certified	Category 3	121808	Sacramento	No	3	0	9/21/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810357	Certified	Category 3	121844	Sacramento	No	3	0	9/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810363	Certified	Category 3	122019	Sacramento	No	3	0	9/23/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810366	Certified	Category 3	122088	Sacramento	No	3	0	9/25/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810382	Certified	Category 3	122346	Sacramento	No	3	0	9/27/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810381	Certified	Category 3	122326	Sacramento	No	3	0	9/28/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810377	Certified	Category 3	122306	Sacramento	No	3	0	9/29/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	810378	Certified	Category 3	122308	Sacramento	No	3	0	9/29/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809526	Certified	Category 3	118585	Sacramento	No	2	0	8/1/2014	Grease deposition (FOG)
55	Sacramento Area Sewer District CS	5SSO10912	809528	Certified	Category 3	118606	Sacramento	No	2	0	8/1/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809537	Certified	Category 3	118658	Sacramento	No	2	0	8/3/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809541	Certified	Category 3	118682	Sacramento	No	2	0	8/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809542	Certified	Category 3	118683	Sacramento	No	2	0	8/4/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	809544	Certified	Category 3	118717	Sacramento	No	2	0	8/4/2014	Operator error
55	Sacramento Area Sewer District CS	5SSO10912	809545	Certified	Category 3	118751	Sacramento	No	2	0	8/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809547	Certified	Category 3	118760	Sacramento	No	2	0	8/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809551	Certified	Category 3	118791	Sacramento	No	2	0	8/4/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809548	Certified	Category 3	118778	Sacramento	No	2	0	8/5/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809554	Certified	Category 3	118839	Sacramento	No	2	0	8/5/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809559	Certified	Category 3	118912	Sacramento	No	2	0	8/6/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809561	Certified	Category 3	119006	Sacramento	No	2	0	8/7/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809568	Certified	Category 3	119150	Sacramento	No	2	0	8/9/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809571	Certified	Category 3	119164	Sacramento	No	2	0	8/10/2014	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District CS	5SSO10912	809576	Certified	Category 3	119276	Sacramento	No	2	0	8/12/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809578	Certified	Category 3	119338	Sacramento	No	2	0	8/12/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809584	Certified	Category 3	119494	Sacramento	No	2	0	8/14/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	809592	Certified	Category 3	119648	Sacramento	No	2	0	8/16/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809594	Certified	Category 3	119660	Sacramento	No	2	0	8/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809599	Certified	Category 3	119763	Sacramento	No	2	0	8/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809604	Certified	Category 3	119949	Sacramento	No	2	0	8/20/2014	Debris-General
55	Sacramento Area Sewer District CS	5SSO10912	809608	Certified	Category 3	120074	Sacramento	No	2	0	8/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809621	Certified	Category 3	120254	Sacramento	No	2	0	8/23/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809617	Certified	Category 3	120220	Sacramento	No	2	0	8/25/2014	Operator error
55	Sacramento Area Sewer District CS	5SSO10912	809620	Certified	Category 3	120253	Sacramento	No	2	0	8/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809633	Certified	Category 3	120383	Sacramento	No	2	0	8/27/2014	Root intrusion
55	Sacramento Area Sewer District CS	5SSO10912	809638	Certified	Category 3	120468	Sacramento	No	2	0	8/28/2014	Vandalism
55	City Of Folsom CS	5SSO10893	809185	Certified	Category 3	2184 Owl Meadow St	Sacramento	No	2	0	8/30/2014	Other (specify below)
55	Sacramento Area Sewer District CS	5SSO10912	809640	Certified	Category 3	120516	Sacramento	No	2	0	8/30/2014	Root intrusion

Region	Collection System	WDID	Spill ID	Certified 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	5SSO10912	809446	Certified	Category 3	120540	Sacramento	No	2	0	8/31/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810257	Certified	Category 3	120553	Sacramento	No	2	0	9/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810263	Certified	Category 3	120645	Sacramento	No	2	0	9/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810266	Certified	Category 3	120662	Sacramento	No	2	0	9/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810268	Certified	Category 3	120685	Sacramento	No	2	0	9/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810272	Certified	Category 3	120773	Sacramento	No	2	0	9/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810278	Certified	Category 3	120866	Sacramento	No	2	0	9/4/2014	Operator error
5S	Sacramento Area Sewer District CS	5SSO10912	810281	Certified	Category 3	120892	Sacramento	No	2	0	9/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810287	Certified	Category 3	120908	Sacramento	No	2	0	9/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810293	Certified	Category 3	120980	Sacramento	No	2	0	9/7/2014	Vandalism
5S	Sacramento Area Sewer District CS	5SSO10912	810291	Certified	Category 3	120953	Sacramento	No	2	0	9/8/2014	Operator error
5S	Sacramento Area Sewer District CS	5SSO10912	810297	Certified	Category 3	121076	Sacramento	No	2	0	9/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810298	Certified	Category 3	121100	Sacramento	No	2	0	9/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810307	Certified	Category 3	121202	Sacramento	No	2	0	9/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810310	Certified	Category 3	121245	Sacramento	No	2	0	9/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810313	Certified	Category 3	121267	Sacramento	No	2	0	9/12/2014	Operator error
5S	Sacramento Area Sewer District CS	5SSO10912	810314	Certified	Category 3	121296	Sacramento	No	2	0	9/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810316	Certified	Category 3	121304	Sacramento	No	2	0	9/13/2014	Root intrusion
5S	Dry Creek CS	5SSO10935	809426	Certified	Category 3	1501 Cardinal Wy.	Placer	No	2	0	9/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810323	Certified	Category 3	121344	Sacramento	No	2	0	9/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810334	Certified	Category 3	121579	Sacramento	No	2	0	9/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810337	Certified	Category 3	121632	Sacramento	No	2	0	9/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810346	Certified	Category 3	121788	Sacramento	No	2	0	9/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810356	Certified	Category 3	121837	Sacramento	No	2	0	9/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810360	Certified	Category 3	121888	Sacramento	No	2	0	9/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810365	Certified	Category 3	122078	Sacramento	No	2	0	9/24/2014	Root intrusion
5S	Dry Creek CS	5SSO10935	809767	Certified	Category 3	1007 Chisum Ct.	Placer	No	2	0	9/25/2014	Debris from Construction
5S	Dry Creek CS	5SSO10935	809805	Certified	Category 3	1789 Vista Creek	Placer	No	2	0	9/25/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810367	Certified	Category 3	122131	Sacramento	No	2	0	9/25/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810379	Certified	Category 3	122311	Sacramento	No	2	0	9/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810372	Certified	Category 3	122292	Sacramento	No	2	0	9/28/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810376	Certified	Category 3	122299	Sacramento	No	2	0	9/29/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810386	Certified	Category 3	122456	Sacramento	No	2	0	9/30/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809690	Certified	Category 3	65 E. Arcade St.	San Joaquin	No	2	0	9/30/2014	Root Intrusion
5S	City of Stockton MUD CS	5SSO11433	809693	Certified	Category 3	721 Toland Ln.	San Joaquin	No	2	0	9/30/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809556	Certified	Category 3	118884	Sacramento	No	1	0	8/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809565	Certified	Category 3	119142	Sacramento	No	1	0	8/8/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	809574	Certified	Category 3	119257	Sacramento	No	1	0	8/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809589	Certified	Category 3	119616	Sacramento	No	1	0	8/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809603	Certified	Category 3	119883	Sacramento	No	1	0	8/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	809605	Certified	Category 3	119966	Sacramento	No	1	0	8/21/2014	Operator error
5S	Sacramento Area Sewer District CS	5SSO10912	809627	Certified	Category 3	120288	Sacramento	No	1	0	8/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810259	Certified	Category 3	120558	Sacramento	No	1	0	9/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810270	Certified	Category 3	120703	Sacramento	No	1	0	9/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810282	Certified	Category 3	120898	Sacramento	No	1	0	9/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810288	Certified	Category 3	120914	Sacramento	No	1	0	9/7/2014	Root intrusion
5S	Lincoln Village Maintenance District CS	5SSO11482	810160	Certified	Category 3	Manhole on Williamsburg at 6567	San Joaquin	No	1	0	9/7/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810292	Certified	Category 3	120956	Sacramento	No	1	0	9/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810319	Certified	Category 3	121311	Sacramento	No	1	0	9/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810320	Certified	Category 3	121315	Sacramento	No	1	0	9/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810343	Certified	Category 3	121702	Sacramento	No	1	0	9/19/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810344	Certified	Category 3	121752	Sacramento	No	1	0	9/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810347	Certified	Category 3	121802	Sacramento	No	1	0	9/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810354	Certified	Category 3	121830	Sacramento	No	1	0	9/22/2014	Operator error
5S	Sacramento Area Sewer District CS	5SSO10912	810364	Certified	Category 3	122076	Sacramento	No	1	0	9/24/2014	Root intrusion