

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
February 5/6, 2015

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SUCCESS STORIES

CLEANUP SITES SUCCESSFULLY CLOSED-NO FURTHER ACTION REQUIRED

1. **Tavis Corporation, 3636 Highway 49 South, Mariposa, Mariposa County.** A no further action determination was issued on 14 November 2014 for the Tavis Corporation Mariposa site. A small release of 1,1,1-trichloroethane occurred during the late 1980's. During 2014, two onsite wells were sampled and no volatile organic compounds were detected above California maximum contaminant levels. A passive soil vapor survey was conducted and volatile constituents were found only at the method detection limits. Condor Earth Technologies, Inc., concluded that the any remaining volatile organic constituents do not pose a threat to human health and safety, the environment, or groundwater.
2. **Lo-Katton Property, Rose Garden Road and Interstate 5, Gustine, Merced County.** A subsurface Chevron crude oil pipeline that runs along the western portion of the property was ruptured by a previous owner using ground-tilling equipment in 1980. Two investigations of the crude oil spill were conducted in 2014. The results of the investigations adequately defined the limits of crude oil-impacted soil both laterally and vertically. Because this was a petroleum-only site, the State Water Resources Control Board's *Low-Threat Underground Storage Tank Closure Policy* (Low-Threat Closure Policy) was also applied in consideration of closure. In accordance with the State Water Resources Control Board guidelines for *Public Participation at Cleanup Sites* (April 2005) and the Low-Threat Closure Policy, the public was provided a 30-day review period in which to provide comments regarding closure of the site. No comments were received. A closure letter was issued on 12 December 2014.
3. **Former R.E Havens Site, 336 S. E Street, Porterville, Tulare County**
A no further action determination was issued on 3 December 2014 for the former R.E. Havens Site in Porterville, Tulare County. The site was formerly used as a bulk fuel storage facility. Soil in the vicinity of the fuel drop for the aboveground storage tanks and the loading rack was degraded by releases of petroleum hydrocarbons. The extent of degraded soil and groundwater resulting from the historical release of petroleum hydrocarbons was delineated. All storage tanks and equipment associated with the bulk fuel facility were removed from the site. Degraded soil was excavated up to a depth of 25 feet. Groundwater monitoring detected low concentrations of total petroleum hydrocarbons as gasoline and diesel in close proximity to the excavation for the former fuel drop. The groundwater plume is stable and is limited in extent to less than 100 feet. It is anticipated that any remaining petroleum hydrocarbons in groundwater and soil will degrade naturally. The Site Cleanup case at the site met the requirements of the Low-Threat Underground Storage Tank Case Closure Policy for being granted No Further Action Required status.
4. **Sustainable Cotton Project's Cleaner Cotton™ being used by a major retailer.**
The Sustainable Cotton Project (SCP) is a California-farm based program dedicated to changing the way cotton is farmed and marketed. The SCP has been funded, in part, by Clean Water Act section 319 nonpoint source grants through the Water Boards. The SCP helps growers learn about sustainable cotton farming processes and Integrated Pest Management technologies that enable them to reduce chemical use and earn a premium for the sale of their Cleaner Cotton™. Recently, Bay Area-based adventure wear retailer, The North Face, released a limited edition "Backyard Hoodie", made with SCP growers' Cleaner Cotton™ grown in the San Joaquin Valley and Fox Fibre organic colored cottons grown in the Capay Valley. This hoodie is made with fiber grown within 150 miles of the North Face's Alameda headquarters and sewn by facilities in the San Francisco region. A 3-minute video discussing the making of this garment can be seen at: <https://www.youtube.com/watch?v=vAXFcoy5TLA>
For more information about the SCP (and the related San Joaquin Sustainable Farming Project), see: <http://www.sustainablecotton.org/>

UNDERGROUND STORAGE TANKS (USTS) – SUCCESSFULLY CLOSED- 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**

• **Unocal Bulk Plant #221, 101 Roosevelt Avenue, Fresno, Fresno County**

The Site is a former bulk fuel distribution plant which had USTs and ASTs and is currently a vacant lot. The USTs and ASTs were removed in 1995 and obviously impacted soil excavated. Petroleum hydrocarbons were detected beneath the USTs. A groundwater investigation was performed and low concentrations of petroleum hydrocarbons detected, but none since 2010. Soil vapor extraction performed between 2010 and 2012 removed about 7,300 pounds of gasoline. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 13 November 2014.

• **Bruce's Truck Stop, 8311 East Brundage Lane, Bakersfield, Kern County**

Diesel was detected in soil beneath fuel dispensers during a 1997 site assessment. The extent of affected soil was determined by investigations between 2004 and 2008. The local agency transferred the case to the Regional Board during 2009. Staff determined that most source hydrocarbon mass was above 140 feet bgs, with minor concentrations extending to about 200 feet bgs, and with groundwater at greater than 300 feet bgs. Additional site investigation conducted after UST removal, during 2014, confirmed the absence of significant hydrocarbon mass beneath the USTs. Site is currently used as a truck fueling facility. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 20 November 2014.

• **Flying J Travel Plaza #616, 42810 West Frazier Mountain Park Road, Frazier Park, Los Angeles County-**

The site is an active truck stop. A diesel fuel release occurred during 2005 when a UST was overfilled. About 100 cubic yards of soil were removed during 2006. Low concentrations of diesel were detected in soil samples collected from the excavations. The case was transferred to the Regional Board during 2013. Low hydrocarbon concentrations were detected in soil and groundwater was not encountered during a 2014 investigation. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 10 December 2014.

b) **REDDING**

Municipal Services Center, 901 Fir Street, Chico, Butte County, Case No. 040294 (MAB)

- An unauthorized release of total petroleum hydrocarbons diesel (TPHd) was discovered when the fuel dispensers were upgraded in February 2004. Under the two diesel dispensers, TPHd concentrations ranged from 130 to 580 mg/kg. Benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tert-butyl ether (MTBE) was detected under one of the gasoline dispensers and at concentrations of 1.8, 7.5, 0.6, 38, and 24 ug/kg, respectively. In March 2004, four (4) soil borings were installed near the dispenser island. TPHd concentrations ranged in concentrations of 6 to 990 mg/kg in the initial soil samples collected at 10 feet bgs. A deeper sample was collected at 13 feet bgs to further delineate the TPHd concentration of 990 mg/kg. The soil sample collected at 13 feet bgs was 61 mg/kg. In May 2004, groundwater samples were collected from existing site monitoring wells MW-1 through MW-3 and submitted for laboratory analyses for TPHd, TPHg, BTEX and fuel oxygenates including MTBE. All constituents were below laboratory detection limits. While limited soil pollution remains at the Site, it does not likely represent a threat to potential receptors. Based on the May 2004 groundwater sampling, groundwater is not impacted. The City of Chico water supply is provided by Cal-Water. Remaining soil pollution is likely constrained between a depth of 10 and 13 feet and does not contain benzene and therefore does not pose a threat to indoor air quality. The Site is located in a commercial/industrial area and the property is owned by the City of Chico and is used for their Operations and Maintenance Division (formerly Municipal Services Center) facility. One water supply well is located within a 1,000

foot radius of the Site; however it is located 250 feet upgradient of the Site and it is unlikely that it would be affected. Remaining pollution is likely to be further attenuation by natural processes such as biodegradation, dispersion and absorption to soil particles. The Site was closed in November 2014.

- **Durto Farms, Inc., 12963 Meridian Road, Chico, Butte County, Case No. 040194 (MAB)**
In January 1998, 2-10,000 gallon USTs and dispensers were removed. Discolored soil and hydrocarbon odors were observed at the northwest corner of the excavation. TPHg and TPHd were detected at a concentration of 15 and 650 mg/kg, respectively, from a sample collected from the northwest corner of the excavation at a depth of 11.5 feet bgs. Subsequently the northwest corner of excavation was over excavated to a depth of 16 feet bgs. A Preliminary Site Assessment (PSA) was conducted in October 1998. Three (3) test borings were installed around the northwest corner of the excavation to a depth of 20 feet bgs. Soil samples and grab groundwater samples were collected from each test boring. One water sample was collected from the domestic well. While TPHg and TPHd were detected at a concentration of 420 and 7,800 mg/kg, respectively, in soil sample EXNW, no BTEX, MTBE or PAHs were detected. No other samples, including the domestic well sample, contained petroleum constituents above laboratory detection limits. While limited soil pollution remains at the Site, it does not likely represent a threat to potential receptors. Based on the October 1998 PSA results, groundwater is not impacted. Remaining soil pollution is likely constrained between a depth of 12 and 16 feet and does not contain benzene and therefore does not pose a threat to indoor air quality. The Duro Farms domestic well is located 115 feet downgradient of the former UST excavation however sampling results indicate it has not been impacted. Remaining pollution is likely to be further attenuated by natural processes such as biodegradation, dispersion and absorption to soil particles. The Site was closed in November 2014.

c) SACRAMENTO OFFICE

- **A Street Extension, A Street, Antioch, Contra Costa County**
In March 2001, three Redwood USTs were discovered underneath the A Street right-of-way. About 775 cubic yards of impacted soil was excavated and disposed of off-site, removing about 8,154 pounds (1,080 gallons of diesel), and 14,654 pounds (1,950 gallons) of motor oil. The site is currently developed as a street, and future land use is not expected to change. The San Joaquin River is located about 50 feet north of the former USTs, and there is a marsh area between the former USTs and the main channel of the river. The site was closed on 5 November 2014.
- **City of Antioch Corporation Yard, 1201 West 4th Street, Antioch, Contra Costa County**
In February 1996, shortages of unleaded fuel were noted, and in October 1996, a tank tightness test confirmed a leak in the 10,000-gallone gasoline UST. In July 1009, one 10,000-gallon gasoline UST, one 2,000-gallon diesel UST, and one 250-gallon waste oil UST were removed from the Site. During UST removal, about 348 tons of impacted soil was excavated from the gasoline and diesel USTs' pit, and disposed of off-Site, removing an unknown volume of petroleum hydrocarbons, and about 1,000-gallons of impacted groundwater was removed from the gasoline and diesel USTs' pit. In March 2009, a French drain was installed. About 202 cubic yards of impacted soil was excavated and disposed of off-site during construction, and an unknown volume of impacted groundwater was extracted and discharged to the sewer. The site is currently developed as the City of Antioch's Corporation yard, 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. The site was closed on 5 November 2014.
- **Former Arco Service Station No. 2019, 3801 47th Avenue, Sacramento, Sacramento County**
In December 1991, petroleum hydrocarbons were discovered in soil and groundwater underlying the Site. Between 1991 and 2008, multiple phases of investigation were conducted, including installation of 25 groundwater monitoring wells, 16 air sparge wells, 8 dual-nested soil vapor extraction wells, 6 vapor monitoring probes, and 19 soil borings. About 9,080 pounds (1,465 gallons) of gasoline was removed during operation of an SVE system. Water quality objectives are estimated to be reached in less than 2 years. The Site meets the Low Threat Closure Policy and was closed on 15 September 2014.
- **Former Rawson/McKesson Facility, 2189 Acoma Street, Sacramento, Sacramento County**

In February 1986, a 1,000-gallon UST was removed from the property, and environmental investigation began. Remedial action included soil excavation (unknown volume), free product removal (about 100 gallons), and natural degradation (unknown volume). The site is currently developed as a warehouse, and future land use is not expected to change. The Site meets the Low Threat Closure Policy. The site was closed on 15 September 2014.

- **Spingolo Trucking, 1011 North Broadway Avenue, Stockton, San Joaquin County**
In December 1986, two USTs were removed at the site. In May 1990, one UST was removed at the site. In April 1992, two USTs were removed at the site. Soil and groundwater were discovered impacted by gasoline. Soil and groundwater investigations conducted from October 2001 through June 2007 confirmed that groundwater was not impacted. The case was closed on 3 December 2014.
- **Valley Motors, 800 East Main Street, Stockton, San Joaquin County**
In October 1990, two USTs were removed at the site. Soil and groundwater were discovered impacted by gasoline and chlorinated solvents. A Soil Vapor Extraction Pilot Test removed about 427 pounds (70 gallons) of petroleum fuels from November 2006 to January 2007. Groundwater monitoring from January 2007 through December 2013 confirmed that the groundwater plume was not rebounding. Groundwater is estimated to reach water quality goals in 2054. The case was closed on 3 December 2014.
- **Former Sacramento Generator, 1725 West Capitol Avenue, West Sacramento, Yolo County**
The Site, a vacant lot, was an automobile repair shop with three underground storage tanks (USTs); the USTs were removed in 1988. Investigations of soil and groundwater conditions, conducted from 1991 through 2000, and from 2006 through 2013 indicated gasoline hydrocarbons impacted groundwater and soil to a depth of about 30 feet. Remediation consisted of dual phase extraction, groundwater extraction, air sparging and bioventing, injection of chemical oxidants, and natural attenuation processes which removed about 800 pounds of gasoline. Natural attenuation processes continue, and evaluation of concentration trends indicate that gasoline hydrocarbons in groundwater will reach their respective WQOs by 2019. A NFAR letter was issued 22 October 2014 for closure of this case.

d) Local Agency UST Closures with Concurrence of Board Staff

San Joaquin

- 7-Eleven Store #19976, 1399 Main Street, Manteca
- 7-Eleven Store #17334, 4501 Pershing Avenue, Stockton
- 7-Eleven Store #2243-20632, 4627 Da Vinci Drive, Stockton
- Agricultural Commission, 392 Moffat Boulevard, Stockton
- Beacon #474, 3440 E. Main Street, Stockton
- BP #11192/ConocoPhillips, 1403 Country Club Boulevard, Stockton
- Cal Trans Maintenance Yard, 1604 B Street, Stockton
- Eiggman's Hydraulic, 1112 East Harding Way, Stockton
- Former Chevron Service Station #9-0557, 139 South Center Street, Stockton
- Former Western Lift Case 1, 3430 South El Dorado Street, Stockton
- Former Western Lift Case 2, 3430 South El Dorado Street, Stockton
- Low Price Auto Glass/Former Texaco, 3978 South Highway 99, Frontage East, Stockton
- Phillips 66, 16500 Harlin Road, Lathrop
- Shell Branded Service Station, 620 West Charter Way, Stockton
- Stockton Development Center, 1252 South Stanislaus Street, Stockton
- Ultramar/Beacon #419, 2350 East Waterloo Road, Stockton

Solano County

- City of Dixon Municipal Services Center, 285 East Chestnut Street, Dixon
- Former USA Gasoline #41, 177 Peabody Road, Vacaville

Tulare County

- Quick Stop Food Market, 137 South Valencia Boulevard, Woodlake

STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS

At the December 4/5, 2014 Board Meeting, Executive Officer, Pamela Creedon presented Superior Accomplishment Awards to the following staff:

Candidate: Kari Holmes
Unit: San Joaquin Delta Permitting
Title: Water Resources Control Engineer, Sacramento Office
Supervisor: James Marshall

Kari is a Water Resource Control Engineer in the Sacramento office and is being recognized for her outstanding work performance in the NPDES permitting section. Kari is consistently one of the top performers in the section and is assigned the most difficult permits with complicated water quality issues. Her work products are always of the highest quality and require minimal review. She maintains a high work load and is willing to take on extra work to meet the goals of the Board. For example, when the lead person for the Delta Regional Monitoring Program was recently promoted to the State Water Board, Kari stepped up to make sure the NPDES permit amendments for the Delta dischargers were successfully presented to the Board for consideration and adoption, which was a critical step in the implementation of the Delta RMP. Kari is also generous in offering her time to help others and often goes above and beyond her expected NPDES duties. In the past 18 months Kari was instrumental in the recruitment of two engineers in the NPDES permitting section and has been influential in their training and development. Kari is a valuable asset for the Board and very deserving of the Superior Accomplishment award.

Candidate: Ben Letton
Unit: Forest Activities/NPS
Title: Engineering Geologist, Redding Office
Supervisor: Angela K. Wilson

Ben is receiving the Superior Accomplishment Award for his outstanding work in the Forest Activities Unit of the Central Valley Water Board's Redding office. Ben is a licensed Professional Geologist and came to the Central Valley Water Board with extensive experience working in watersheds and holds himself to high work standards.

Ben has made notable contributions to the program and the region, especially in the areas of restoration efforts and his work as the sole staff in Redding working in the irrigated lands program. Ben has been assigned as the regional lead on two statewide efforts; the Grazing Regulatory Action Project and the Biological Integrity Assessment Implementation Plan Regulatory Advisory Group. Ben has also taken on the lead role in developing a new permit for non-point source discharges on U.S. Forest Service lands in the region.

Ben is known for his professionalism by the various state and federal agencies that staff interact with. He maintains a positive, professional attitude, and has been successful in establishing good working relationships with dischargers. His efforts and accomplishments provide excellent examples of professional, effective, and timely performance.

Candidate: Douglas Wachtell
Unit: Oil Fields/Title 27
Title: Engineering Geologist, Fresno Office
Supervisor: Dane Johnson

Doug has been with the Central Valley Water Board for 15.5 years and worked in petroleum industry for the previous 7 years (Unocal). With his background, Doug has and continues to be a resource for staff within and outside of the Oil Field Unit. Doug consistently maintains a cheerful and professional demeanor. Doug's efforts in the performance of his assigned duties, including safety and training coordinator, make him a valuable contributor to our organization. I recommend Doug for recognition of his contributions and accomplishments.

EMPLOYEE OF THE MONTH AWARD

NOVEMBER 2014

Candidate: Katie Barksdale
Unit: Administration
Title: Seasonal Clerk
Supervisor: David King

Katie Barksdale has been recognized by several seniors and others for her work cleaning and reorganizing the file room and the reorganization of the printing stations located throughout the facility. Katie makes the rounds each week to all of the printing stations, ensuring there is adequate supply of paper and general cleaning of the area. She fills the printer with paper and stocks the cabinets with paper. Katie has demonstrated her willingness to help make our facility look good and allow others to accomplish their work without the interruptions when there isn't any paper in the printer or cabinets.

Candidate: Rajmir Rai
Unit: Planning and Assessment
Title: Environmental Scientist
Supervisor: Sue McConnell

Rajmir started with the planning unit in December 2013 and has been a tremendous asset to the unit from the beginning. He has a great attitude and approaches his work with an infectious enthusiasm. In support of the DO TMDL update effort, Rajmir has helped draft sections of the Dissolved Oxygen Recommendations Report, compiled the scientific basis document for evaluation of the fall DO objective in the San Joaquin River and developed the stakeholder materials for the effort, including both a tri-fold and a fact sheet. He has reviewed over 2000 pesticide lines of evidence for the Integrated Report and is helping with drafting of the Integrated Report staff report. Rajmir is involved in the statewide Grazing Regulatory Action Project and has helped with the focused listening session. He has reviewed and commented on NEPA documents for two grazing allotments and conducted several inspections of grazing activities. In the year he has been with us, he has become an integral part of the planning unit.

Candidate: Aimee Phiri
Unit: Site Cleanup
Title: Water Resources Control Engineer
Supervisor: Gerald Djuth

Since coming on board with the Site Cleanup unit in 2012, Aimee Phiri has overseen work at the Lawrence Livermore National Laboratory high explosive testing site near Tracy. Aimee came on board during a period of frequent submittals for a complex site with many different individual release sites. She was able to handle reviews of multiple groundwater cleanup facilities while becoming familiar with properties of radioactive waste and investigation of radioactive test sites. Aimee is a native of Zambia, Africa, and because she was not a US citizen, she was not able to access all areas of the test facility. Aimee recently became a US citizen, which now allows her the privilege of visiting the active High Explosive test areas as well as the radioactive test sites. We are fortunate to have Aimee on our staff and proud of her recent US citizenship.

DECEMBER 2014

Candidate: Vera Fischer
Unit: UST Enforcement I
Title: Engineering Geologist
Supervisor: Cori Condon

Vera is being recognized for Employee of the month for her outstanding work with the regulated community and achievements in environmental cleanups at numerous underground storage tank sites.

Vera's continuing efforts to build and maintain good working relationships with responsible parties, and State and local agencies have made an exceptional contribution to the Regional Water Quality Control Board's mission. This past summer when our Unit was short of staff due to drought work Vera took on extra cases and helped with reviewing additional correspondence and technical data. To date Vera has closed 7 UST cases representing over 23% of the Sacramento Offices closures this fiscal year.

Vera also works closely with Sacramento, Napa and Contra Costa Counties to achieve cleanup and determine that no further action was needed at over 50 sites during this current fiscal year. To reach agreement on the No Further Action Required status extensive technical review and collaboration with responsible parties and County staff is required to assure beneficial uses of water and public health are protected.

Candidate: Patrick Morris
Unit: Mercury TMDL
Title: Senior Water Resources Control Engineer
Supervisor: Jeanne Chilcott

Patrick supervises the Mercury TMDL Unit in the Rancho Cordova office and has consistently provided exceptional leadership when dealing with complicated and seemingly insurmountable issues. Recently he extended beyond mercury to become the needed bridge to maintain Delta Regional Monitoring Program momentum after the lead staff accepted a new position. During the time period that Patrick shepherded the effort, the stakeholder comprised Steering Committee and four technical teams finalize a phased regional monitoring program, developed a funding allocation plan, and scheduled a pathogen survey to begin in April 2015. In addition, Patrick worked with permitting staff to incorporate language allowing participation in the Delta RMP in lieu of individual discharge monitoring requirements. While taking on this additional workload, Patrick and his staff continued to meet milestones for the Delta Mercury TMDL, review of mine remediation and land management plans in the Clear Lake and Cache Creek Watersheds, and development of the Statewide Reservoirs Mercury TMDL including meetings with reservoir owners and operators to develop pilot studies and broad stakeholder outreach. His motivation, technical skills, focus and easy manner make him a pleasure to work with and an outstanding staff.

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 52% of the current fiscal year.

Region 5 Performance Measurement Summary from 1 July 2014 to 2 January 2015

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	4	50%	n/a	n/a	
Major Individual Permits Facilities Inspected	22	10	45%	n/a	11	
Minor Individual Permits Issued, Revised and Renewed	16	4	25%	n/a	n/a	It is anticipated that the target will be met.
Minor Individual Facilities Inspected	10	5	50%	n/a	8	
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	12	38%	29	n/a	The WDR program recently had two permitting staff leave, which has affected production. The program still expects to reach, or exceed, 90% of the target WDRs by the end of the fiscal year.
Municipal Waste, Industrial Waste, and All Other Facilities - Facilities Inspected	130	91	70%	n/a	94	
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	3	33%	n/a	n/a	One Landfill WDR is proposed for February, four more in April, and one more in June whereupon it is anticipated that the target will be achieved.
Landfill Inspections	83	54	65%	n/a	66	
All Other Permits Issued, Revised and Renewed	7	4	57%	n/a	n/a	
All Other Inspections	52	16	31%	n/a	14	"Other" inspections includes: mines, oil fields, and other (e.g., "olive company surface impoundment"). Half of the target "other" and mine inspections have been completed. Although only four of the target 30 oil field inspections have been completed to date, the remaining oil field inspections are anticipated to be completed within the fiscal year.
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	253	88%	n/a	331	
Stormwater Industrial Facilities Inspected	195	96	49%	n/a	103	
Stormwater Municipal Facilities Inspected	0	0	N/A	n/a	0	
Other Programs						
Timber Harvest Facilities Inspected	160	104	65%	n/a	115	
Confined Animal Facility Facilities Inspected (Dairies)	320	154	48%	n/a	165	
Clean Up						
New DoD Sites Into Active Remediation	56	0	0%	n/a	n/a	43 sites will go into remediation pending finalization of McClellan action sites Record of Decision estimated to be completed at the end of January 2015.
New SCP Sites Into Active Remediation	80	20	25%	n/a	n/a	48 sites will go into remediation pending finalization of Aerojet Operable Unit #6 Record of Decision estimated to be completed by March 2015.
Cleanup Program Sites Closed	42	18	43%	n/a	n/a	
New UST Sites Into Active Remediation	59	29	49%	n/a	n/a	
Underground Storage Tank Sites Closed	103	59	57%	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 Offer'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 actions; 2) a summary of orders issued; and, 3) a summary of all enforcement actions issued.

- 1) **Notable Enforcement Actions** – This section provides information on Central Valley Regional Board efforts that are noteworthy but may not otherwise be noted in the other sections of this report.

Curtailment Inspections, Assisting Division of Water Rights in Drought Curtailment Efforts

On 17 January 2014 the Governor declared a drought State of Emergency that instructed the State Water Board to notify water right holders that they may be directed to cease or reduce water diversions from streams and rivers. The State Water Board's Division of Water Rights sent letters to junior water rights holders instructing them to cease or curtail their water diversions in accordance with the emergency regulations. To assist with curtailment compliance efforts, nine Central Valley Regional Board staff conducted 268 inspections while assisting the State Water Board's Division of Water Rights between 16 June 2014 and 10 November 2014. In all, the Division of Water Rights conducted 919 curtailment inspections through 10 November 2014 in accordance with the Governor's emergency declaration.

Tosta Dairy, Attorney General Issued Complaint for Injunctive Relief, San Joaquin County

On 4 November 2014 the Attorney General filed a "Complaint for Injunctive Relief" against the Tosta Dairy on behalf of the Regional Board in San Joaquin County Superior Court to direct the Defendants to promptly comply with all terms of Cleanup and Abatement Order R5-2012-0708 and the Reissued Dairy General Order.

Investigative Orders (13267 Orders), Industrial Stormwater Program, Sacramento Office Counties

Between 21 November and 17 December 2014 Regional Board staff in the Sacramento Office issued 31 Investigative Orders (13267 Orders) to dischargers in the Industrial Stormwater program for exceedances of benchmark values found in the permit, and failure to implement stormwater best management practices (BMPs) designed to reduce stormwater constituents to concentrations below the benchmark values. The investigative orders require the dischargers to submit technical reports demonstrating their efforts to obtain compliance under the Industrial Stormwater General Order. Moreover, the Orders represent a refocused effort to bring industrial stormwater dischargers in the region into compliance.

Merced Ranch (aka Brown's Almond Orchard), Merced County

On 4 November 2014 the US EPA reached a settlement with Edward Lynn Brown for destroying nearly 33 acres of wetlands (vernal pools) north of Merced. Without applying for a permit, Mr. Brown "deep-ripped" the ground with mechanized equipment in preparation for planting almond orchards. In October 2012, the Central Valley Water Board participated in a joint agency inspection, including US EPA, US Fish & Wildlife Service, US Army Corps of Engineers, and CA Dept. of Fish and Wildlife. Evidence was observed of remnants of vernal pools and other wetland areas; as well as disturbances of wetlands and other areas associated with Parkinson Creek, a water of the US that drains to the San Joaquin River. On 18 December 2012 Central Valley Water Board staff issued a Notice of Violation to Mr. Brown for violation of Clean Water Act Sections 301, 401 & 404, with follow up enforcement deferred until a determination of federal enforcement actions was reached.

The US EPA's settlement requires Brown to pay a \$160,000 penalty and purchase and offset the loss of the vernal pools by purchasing a 94-acre conservation easement with 40 acres of vernal pool habitat in Merced County and monitor the easement in perpetuity at an estimated cost of \$1 million. The decision

by US EPA does not preclude the Regional Board from pursuing enforcement against Mr. Brown. The Brown property is enrolled and will be monitored under the Irrigated Lands Program.

- 2) **Orders Issued or Adopted** – Enforcement Table 1 includes a summary of all of the Enforcement Orders (Water Code Section 13267 Investigative Orders; Cleanup and Abatement Orders; Time Schedule Orders; Cease and Desist Orders; and Administrative Civil Liability Complaints and Orders) that have been issued by the Central Valley Regional Board since the previous EO Report was issued.

Enforcement Table 1 – Region 5 Enforcement Orders (1 November 2014 through 19 December 2014)

Action Date	Action	Agency	County	Summary
11/3/2014	Administrative Civil Liability	McElvany, Inc.	San Joaquin	Administrative Civil Liability Complaint (ACLC) R5-2014-0560 issued in the amount of \$57,000 for late report violations that occurred during the period from 30 April 2013 through 31 March 2014. (Data reported under Monitoring and Reporting Program R5-2008-0082-030 and R5-2013-0073-030). There are 19 serious violations subject to Mandatory Minimum Penalties (MMPs).
11/3/2014	Cleanup and Abatement Order	Clearlake Oaks County Water Dist	Lake	The Discharger has experienced various wastewater spills that are in violation of Discharge Prohibitions Nos. 1 and 2 of the WDRs. Board staff's review of records over the last 10 years shows that the Discharger has reported six raw sewage spills exceeding 1,000 gallons. Cleanup and Abatement Order (CAO) R5-2014-0707 was issued to address the collection system and treatment issues at the facility.
11/6/2014	Administrative Civil Liability	Donner Summit Public Utilities District	Nevada	Administrative Civil Liability Order (ACLO) R5-2014-0577 issued in the amount of \$9,000 for effluent violations that occurred during the period from 1 March 2012 through 30 June 2014. There are 3 Group I Serious Violations subject to MMPs. The \$9,000 penalty for the violations has been satisfied through the completion of a compliance project.
11/7/2014	Administrative Civil Liability	Modoc Joint Unified School District	Modoc	ACLC R5-2014-0575 in the amount of \$21,000 for effluent violations that occurred during the period from 1 February 2013 through 30 June 2014. The Discharger has requested to enter into settlement negotiations with the intent of the penalty amount going towards a compliance project.
11/7/2014	Administrative Civil Liability	Collins Pine Company Chester	Plumas	ACLC R5-2014-0576 addresses effluent violations that occurred during the period from 1 April 2012 through 30 April 2013 and 21 November 2013 through 30 April 2014. These violations are subject to MMPs in the amount of \$213,000. The Discharger has indicated their wish to enter into settlement negotiations.
11/17/2014	Administrative Civil Liability	Estacio, Carlos & Bernadette	Stanislaus	Issuance of Stipulated Order where the Discharger has agreed to pay \$7,300 for failing to file 2009 Annual Report and submit a Monitoring Well Installation and Sampling Plan (MWISP) for ACL R5-2014-0579.
11/17/2014	Administrative Civil Liability	Estacio, Carlos & Bernadette	Stanislaus	Issuance of Stipulated Order where the Discharger has agreed to pay \$1,400 for failing to file 2008 Annual Report per ACL R5-2014-0578.
11/19/2014	Administrative Civil Liability	E&B Natural Resources Management Corporation	Kern	ACLO R5-2014-0566 issued in the amount of \$39,984 for the discharge of approximately 400 barrels (16,800 gallons) of produced water and crude oil into two unlined sumps.
11/25/2014	Administrative Civil Liability	Colusa City	Colusa	ACLO R5-2014-0581 issued in the amount of \$21,000 for effluent limit violations which occurred between 1 January 2013 and 30 July 2014. The Discharger shall remit payment of \$7,183.81 of the imposed civil liability by check. \$13,816.19 shall be suspended, pursuant to Water Code section 13385(k), for the completion of the diffuser compliance project.
12/4/2014	Administrative Civil Liability	Chico City	Butte	ACLC R5-2014-0574 in the amount of \$21,000 issued to address effluent violations that occurred between 23 October through 27 October 2013. The Discharger has submitted payment for the full penalty amount.

Enforcement Table 1 (cont.)

Action Date	Action	Agency	County	Summary
12/4/2014	Administrative Civil Liability	Chico City	Butte	ACLC R5-2014-0574 in the amount of \$21,000 issued to address effluent violations that occurred between 23 October through 27 October 2013. The Discharger has submitted payment for the full penalty amount.
12/5/2014	Administrative Civil Liability	Slate, Larry W & Shireen I	Merced	ACLO R5-2014-0154 replaces ACL Complaint R5-2014-0564. The Board elected to significantly raise the penalty amount to \$32,032 based on the following: 1) the Discharger's complete defiance of the Board's directives regarding the Irrigated Lands Regulatory Program, which harms the program; and, 2) the overall threat to the environment and to the regulatory program. ACLC R5-2014-0564 proposed a penalty of \$9,152 for failure to submit an individual RoWD under Water Code section 13260 beginning 24 October 2013.
12/5/2014	Administrative Civil Liability	Davis, David L. & Linda M. Trust	Madera	ACLO R5-2014-0153 approves the settlement agreement (Stipulation) between the Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board or Board) and David Land Linda M. Davis Trust (Davis Trust).
12/5/2014	Administrative Civil Liability	Pacific Coast Sprout Farms	Sacramento	ACLO R5-2014-0155 replaces ACL Complaint R5-2014-0561. ACLO issued for \$30,000 (was \$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.
12/5/2014	Cease and Desist Order	Ione City	Amador	Cease and Desist Order (CDO) R5-2014-0157 issued to set final iron and manganese groundwater concentration limits based on the results of a technical study.
12/5/2014	Cease and Desist Order	Escalon City	San Joaquin	CDO R5-2014-0156 addresses the violations of WDRs 5-00-142, and requires, among other items: that the Discharger submit complete monitoring reports; install real-time odor monitors; implement actions to properly treat the industrial waste; determine why the industrial flows overwhelmed the capacity of the percolation ponds; and make upgrades prior to the 2015 food processing season. In addition, the City shall implement a contingency plan for managing influent flows, identify whether any of the pond berms need repairs, and complete a water balance.
12/5/2014	Time Schedule Order	United Auburn Indian Community	Placer	Time Schedule Order (TSO) R5-2014-0158 provides a compliance schedule for the Discharger to design and construct treatment plant improvements. The TSO requires compliance with the final effluent limits for cadmium, lead, and zinc by 1 January 2018.
12/5/2014	Time Schedule Order	Davis City	Yolo	TSO R5-2014-0159 requires compliance with the final effluent limits for copper and selenium by 25 October 2017 and with the final effluent limits for cyanide by 25 October 2019.
12/8/2014	Cleanup and Abatement Order	Calaveras Cnty PWD	Calaveras	CAO R5-2014-0708 requires the Discharger to: properly maintain the vegetative cover on top of each waste management unit; remove--to the extent practical-- the deep rooted star-thistle growing on top of each cover; and, restore each surface-water sampling location, so the facility operates as designed.
12/9/2014	Investigative Order (13267 Order)	Modesto City	Stanislaus	Issuance of a 13267 Investigative Order letter requiring the submittal, by the Discharger, of a technical report that satisfies the conditions of the letter.

- 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 36% of all the enforcement actions tracked in CIWQS during this period including 64% of all NOV's, and 63% of all ACL's.

Enforcement Table 2 – Statewide Enforcement Actions (1 November 2014 through 19 December 2014)

Region	VER	SEL	NOV	NTC	EPL	NNCs	13267	CAO	TSO	CDO	ACL	Total
1	0	0	3	0	0	0	0	1	0	0	0	4
2	1	0	2	0	0	0	0	0	0	0	1	4
3	0	1	1	0	0	0	0	0	0	0	1	3
4	0	0	18	4	1	98	0	0	1	0	3	125
5F	5	0	5	0	0	0	0	0	0	0	1	11
5R	6	0	4	0	0	0	0	0	0	0	3	13
5S	10	0	45	0	0	10	32	2	2	2	8	111
6T	0	1	0	0	0	0	0	0	0	0	0	1
6V	5	1	1	0	0	0	0	0	0	0	0	7
7	0	0	0	0	0	0	0	0	0	0	1	1
8	53	3	1	0	0	10	0	0	0	0	1	68
9	4	22	5	0	0	0	0	0	0	0	0	31
Total	84	28	85	4	1	118	32	3	3	2	19	379

Enforcement Actions:

VER = Verbal Communication

SEL = Staff Enforcement Letter

NOV = Notice of Violation

NTC = Notice to Comply

EPL = Expedited Payment Letter

NNC = Notice of Non-Compliance (Stormwater)

13267 = 13267 Letter/Order

CAO = Cleanup and Abatement Order

TSO = Time Schedule Order

CDO = Cease and Desist Order

ACL = Administrative Civil Liability

SANITARY SEWER OVERFLOWS / COMPLAINTS

Sanitary Sewer Overflows (SSOs) in Excess of 50,000-gallons

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

Unauthorized Discharge from the Calaveras County Water District, La Contenta Collection System

On 19 October 2014, Central Valley Water Board staff was notified of a sanitary sewer overflow from the La Contenta collection system, which is owned and operated by Calaveras County Water District (CCWD). Between 15 October and 19 October 2014, approximately 85,000 gallons of sewage was reportedly spilled into a dry seasonal creek bed. CCWD reported that nearly 100% of the spill was recovered via vacuum and pumper trucks; that the spill was caused by a blockage of tree roots; and that corrective actions to prevent future occurrences have been implemented. The main corrective action was to remove the nearby tree. On 4 November 2014, Water Board staff issued a Notice of Violation.

From 1 October 31 2014, there were **5** Category 1, **4** Category 2, and **228** Category 3 spills reported. Relevant data from all of the spills occurring in October of 2014 is 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 (MRP) 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

Additional information regarding SSOs—including the current MRP—can be found at the State Water Board's webpage at: http://www.waterboards.ca.gov/water_issues/programs/sso/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*).

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 24 December 2014 the Central Valley Regional Water Board has received **63** complaints related to water quality from Cal/EPA, of which **50 (79%)** have been investigated and closed or referred to another agency. Investigations for the remaining **13** complaints remain ongoing.

DELTA ACTIVITIES

1. **Bay-Delta Interagency Ecological Program (IEP)**

On 10 December, Tessa Fojut and Chris Foe attended the Interagency Ecological Program Contaminants Work Team meeting.

2. **Delta Methylmercury Control Studies**

The Delta methylmercury TMDL requires studies of management practices and methods of reducing methylmercury in Delta water and fish. Studies in progress include: effectiveness of various levels of treatment on methylmercury in municipal wastewater (led by the Central Valley Clean Water Association); effectiveness of several stormwater treatment methods (led by Phase 1 MS4 permittees in the Delta), development of models of mercury cycling and transport in the Delta and Yolo Bypass (led by Department of Water Resources), and evaluation of effectiveness of and effects of polishing ponds, vegetation reduction, or treatment with coagulants on reducing concentrations of methylmercury from freshwater wetlands and agricultural channels. Interim and final reports for the studies are due to the Central Valley Water Board in late 2015 and 2018, respectively.

3. **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. In December, the MERP held a webinar to provide assistance to community stakeholders applying to the Small Grant Program, by which \$60,000 will be distributed through a competitive process to four different grant applicants (\$15,000 each). Applications to the Small Grant Program are due in January. In addition, the coordinating committee, composed of the POTWs which provide funding to the MERP, met to discuss recent MERP activities and progress towards the goals of the program. The MERP community stakeholder group will meet next in February in Fairfield to continue planning mercury exposure reduction activities.

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

The Delta Regional Monitoring Program (RMP) made significant progress in 2014. The Aquatic Science Center (ASC) has drafted the RMP monitoring design and the initial monitoring plan and budget, which are currently under review by the Technical Advisory Committee (TAC). The plan describes how the program will be phased-in over the next six months. The priorities over the next 6 months are: 1) current use pesticides monitoring (including both chemical analyses and toxicity testing); 2) a nutrients data synthesis; and 3) getting a special study underway with a focus on characterizing pathogen (*Cryptosporidium* and *Giardia*) levels throughout the Delta. The proposed 6-month workplan and budget will be presented for Steering Committee approval on 22 January 2015. After approval of the monitoring plan, ASC will plan the implementation details.

Monitoring Coordination

One of the next steps in finalizing the monitoring plan will be the identification and recommendation of specific opportunities for sampling coordination. This step will involve both internal and external coordination. Potential partners for sampling coordination in 2015 include the Interagency Ecological Program (DWR Environmental Monitoring Program), DWR Municipal Water Quality Investigations, U.S. Geological Survey, the Sacramento River Coordinated Monitoring Program, SWAMP, the Sacramento Valley Water Quality Coalition, and adjustments to current monitoring and reporting programs including those for Publicly Owned Treatment Works, Storm Water Phase I and Phase II MS4s, and Irrigated Lands Regulatory Program.

Participation

Board staff has been receiving and approving requests for reductions in receiving water monitoring for several wastewater facilities. Those facilities will be providing financial resources to support the RMP. About ten Phase II MS4 (Storm Water) in and near the Delta have expressed interest in participating in the RMP in lieu of individual monitoring.

ASC is drafting a Charter of Agreement to clearly identify the responsibilities of the ASC to implement the RMP, and the roles of each of the entities participating in the RMP. This document is expected to

be presented at the January Steering Committee meeting. The Charter of Agreement will present anticipated details for maintaining adequate participation in the Delta RMP.

Data Management

Another crucial step for the RMP will be to discuss and identify key data management issues, options, and initial recommendations for entering and retrieving developed data. Data management subtasks include 1) data processing, quality assurance, and upload to CEDEN, and 2) implementing a Quality Assurance System. Results from samples collected during the initial 6 months will be processed and quality assured in FY15-16. Moving forward, the program will need to maintain the database and all generated records. The major quality assurance activities for FY14-15 are developing the Quality Assurance Project Plan (QAPP) and contracting analytical laboratories. A data management and quality objectives subcommittee will be convened to guide the development of a framework for data management and access.

5. Delta Nutrient Research Plan

The 2014 Delta Strategic Work Plan and the Delta Stewardship Council's Delta Plan both called for the development of a Nutrient Research Plan to determine whether long-term changes in nutrient loads might contribute to several water quality problems in the Delta. These problems include the increase in abundance and distribution of Water Hyacinth and Brazilian Waterweed, the increased frequency and magnitude of cyanobacteria blooms, and the decrease in algal abundance and shift in algal species composition. A Stakeholder and Technical Advisory Group (STAG) have been formed. The STAG have written a draft charter and Regional Board staff has written draft charges for the Science Work Groups evaluating each issue. The charter and charges will be reviewed for approval at a STAG meeting on 9 January 2015. Regional Board staff will then convene each of the Science Work Groups and begin the process of developing a Nutrient Research Plan. The draft charter and charges for each Science Work Group are on the Regional Board's website under Delta Water Quality.

TMDL BASIN PLANNING

1. Pesticide TMDLs

On 4 November, Danny McClure attended a State Board workshop entitled “Collaboration with the Department of Pesticide Regulation (DPR) and municipalities to resolve and prevent adverse water quality impacts associated with urban-use pesticides.” The workshop featured presentations by Region 2 AEO Tom Mumley, Rich Breuer from the State Water Board, David Duncan and Director Brian Leahy from DPR, and Sacramento County Stormwater Program staff/ California Association of Stormwater Quality Agencies pesticides committee co-chair Dave Tamayo. More information on the workshop is available at: http://www.waterboards.ca.gov/board_info/agendas/2014/nov/110414_9.pdf

On 7 November, 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 that had been revised based on previous stakeholder meetings and solicit comments from the public on the language. Twenty-four stakeholders attended the meeting, as well as staff member Danny McClure.

On 14 November, the State Water Board submitted comments to the Department of Pesticide Regulation (DPR) on behalf of all the State and Regional Water Boards in support of DPR’s proposed action to designate chlorpyrifos as a restricted material in response to human health, air quality and water quality concerns. This designation would increase requirements for the permits needed to apply chlorpyrifos and increase DPR/County Ag. Commissioners’ regulatory oversight of chlorpyrifos applications. This increased oversight is expected to sharply reduce chlorpyrifos water quality issues. Region 5 staff coordinated with other Regions and State Board in preparing the comments. More information on the proposed DPR action is available at:

<http://www.cdpr.ca.gov/docs/pressrls/2014/140926.htm>

2. Drinking Water Policy

On 20 November 2014, USEPA approved a Basin Plan amendment to establish a Drinking Water Policy for surface waters of the Delta and its upstream tributaries. The amendment had previously been adopted by the Central Valley Water Board on 26 July 2013 and approved by the State Water Board on 3 December 2013 and the Office of Administrative Law on 19 May 2014. The amendment includes a new narrative water quality objective for the pathogens, *Cryptosporidium* and *Giardia*, along with implementation provisions, as well clarification to the existing narrative water quality objective for chemical constituents. The amendment also includes support from the Central Valley Water Board for a one-time special study to characterize ambient background conditions and potential sources of these pathogens in the Delta.

Staff participated in the development of a draft Pathogen Monitoring Plan that was submitted for consideration to the Delta Regional Monitoring Program Steering Committee. The draft Pathogen Monitoring Plan includes elements described in the Drinking Water Policy Basin Plan Amendment. Pathogen monitoring is anticipated to begin in spring 2015.

3. Royal Mountain King Mine

Staff brought two items to the State Water Board for consideration during their January 20th hearing. The agenda items address groundwater beneficial uses at the Royal Mountain King Mine (RMKM) site, in Calaveras County, establishing a groundwater management framework to move the RMKM site towards closure. The first item is a site-specific exception to the Sources of Drinking Water Policy to de-designate the municipal and domestic beneficial use of groundwater beneath portions of the RMKM Site. The second item is approval of Basin Plan Amendment to establish a regulatory framework for the expeditious closure of the RMKM Site, adopted by the Central Valley Water Board on 28 March 2014.

4. Proposed Amendments to the Listing Policy

The State Water Board is scheduled to consider adoption of amendments to the Water Quality Control Policy for Developing California’s Clean Water Act Section 303(d) List (Listing Policy) during the February 2015 meeting of the State Water Board.

The proposed revisions to the Listing Policy include four significant changes:

- a) Modify the definition for “readily available information” to mean all information submitted to the California Environmental Data Exchange Network (CEDEN), a website location (www.ceden.org) for sharing and collecting information about the State’s waterbodies.
- b) Clarify that the State Water Board List need not include assessments from all regions as part of every listing cycle. Regional Water Boards which are “off cycle” may nevertheless make recommended listing changes for high priority data.
- c) Provide State Water Board discretion to administer a Regional Water Board’s assessment, evaluation, and listing recommendation process and approval on behalf of that region, when the region is not or cannot complete their regional integrated report in a timely manner.
- d) Provide State Water Board Executive Director discretion and authority to finalize the 303(d) List and submit it directly to U.S. EPA. The Executive Director will provide the public with notice of the proposed approval and the opportunity to provide written comments to which the Executive Director will provide written responses. The Executive Director may also bring the list to the State Water Board meeting for approval.
- e) More information regarding the proposed changes to the Listing Policy can be found on the State Water Board website:
http://www.waterboards.ca.gov/water_issues/programs/tmdl/303d_listing.shtml

5. **2012 Integrated Report**

The State Water Board is scheduled to consider approval of the 2012 Integrated Report during the March 2015 Board meeting. The 2012 Integrated Report includes assessment, evaluation, and listing recommendations from the North Coast, Lahontan and Colorado River Water Boards. The Central Valley Water Board Integrated Report is scheduled to be brought to our Board in early 2016.

DAIRIES

1. Enforcement

Staff has issued notices of violation (NOVs) to a number of dairies covered under the Dairy General Order for which a review of their records during a compliance inspection revealed that they have not fully or properly implemented a nutrient management plan (NMP). The Dairy General Order required certification that the NMP has been completely implemented by 1 July 2012. The NOV inspection letters are issued to dairies that have submitted the certification, but are not properly implementing the NMP. In many cases, compliance is achieved either through a follow-up inspection or submission of a revised NMP including an updated nutrient budget. Staff is considering formal enforcement for those dairies that have not adequately responded 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.

In August 2014, staff issued Notice of Violation (NOV) letters to several dairies covered under the Dairy General Order that failed to submit the 2013 Annual Report, which was due by 1 July 2014. Of these, many 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 160 dairy inspections for FY 2014/15 to date, including 130 compliance inspections. This current pace is congruent with the target performance goal of inspecting each California Dairy Quality Assurance Program (CDQAP) -certified dairy covered under the Dairy General Order once every five years, and non-certified dairies once every three years.

TITLE 27 PERMITTING AND MINING

Drew Tunnel Discharge, Nevada County

On 17 December 2014, representatives from Newmont Mining Corporation provided an update to Water Board staff and AEOs Altevogt and Laputz regarding the Drew Tunnel discharge and the North Star water treatment facility. Bill Lyle with Newmont stated that the design for the North Star treatment facility is 50% complete and that Newmont has started the approximate four-month permitting process with Nevada County for the treatment facility. The design now includes pumping Drew Tunnel discharge water through a pipeline along Allison Ranch Road instead of across the City of Grass Valley WWTP, and a plan to use one or more extraction wells near the North Star portal to collect mine water for treatment. Newmont stated they are on track with CAO R5-2014-0706 timelines and deliverables (WMH).

SITE CLEANUP

Installation of Additional Soil Vapor Extraction System, Alon Bakersfield Refinery, Bakersfield, Kern County. The Alon Bakersfield Refinery is on 357 acres in Bakersfield and refinery operations have occurred on portions of the site since the 1930's. Soil and ground water have been substantially degraded by releases from refinery operations. A 14,000 CFM soil vapor extraction system has operated principally on the western and northern portion of the facility along with an air sparge system. Cleanup and Abatement Order R5-2012-0701 issued in May 2012 required the design and installation of an additional soil vapor extraction system in the eastern portion of the refinery to address high concentrations of volatile petroleum hydrocarbon constituents in soil and soil gas. Since late 2011, Alon has installed 65 soil vapor extraction wells. A 15,000 CFM regenerative thermal oxidizer with three 2,500 CFM blowers was installed during later summer and fall 2014. Soil vapor extraction wells in the eastern portion of the refinery have been piped to the new SVE system and the system began actively treating soil vapor on 10 December 2014. Operation of the SVE system is expected to remove volatile petroleum hydrocarbons from the vadose zone and promote biodegradation of heavier hydrocarbons. This in the long term will lead to improved groundwater quality.

SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee policy discussions in November focused on the components and schedule of the Salt and Nitrate Management Plan (SNMP) including a detailed discussion of potential basin plan amendments and process to complete implementation alternative evaluations. The Executive Committee did not meet as a group in December, however, the committee chairs continued to conduct outreach to several stakeholder groups. 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/committees/technical-advisory/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. Throughout November and December the committee evaluated salinity reduction activities to be included in three modeling runs aimed at establishing alternatives for salinity management to meet proposed water quality objectives for the LSJR. The LSJR committee is scheduled to complete technical work and environmental review by the end of 2015 that will be utilized by Board staff in developing a Basin Plan Amendment for Board consideration in 2016.

The annual update to the State Water Board on the overall CV-SALTS initiative is scheduled for 20 January 2015. A Central Valley Water Board workshop on the implementation alternatives under consideration is tentatively scheduled for April 2015.

2. **CV-SALTS Meeting Participation**

On 7 November, Pam Buford and Glenn Meeks participated in the CV-SALTS Executive Committee Administrative Meeting which focused on the next Request for Qualifications for technical work, preparation of the Annual Report to the State Water Board, and status reports of technical projects, as well as presentation of a proposed CV-SALTS review process for permits that have a salinity component that may be affected by the CV-SALTS program.

On 13 November, Karl Longley, Pamela Creedon, Clay Rodgers, Patrick Pulupa, Jeanne Chilcott, and Glenn Meeks participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on the SNMP development, including general structure and content, proposed changes to the Basin Plan and alternative implementation components.

On 14 November, Jim Brownell participated on a conference call of a technical subgroup of the LSJR Committee focused on the first of three modeling runs for establishment of LSJR water quality objectives. Salinity reduction activities to be included in an alternative that only considers existing and planned activities were discussed.

On 20 November, Jim Brownell participated in the LSJR Committee meeting in Modesto. Among other items, the salinity reduction activities identified by the technical subgroup on 14 November were discussed.

On 9 December, Jim Brownell participated on a conference call of the technical subgroup of the LSJR Committee focused on the second and third modeling runs for establishment of LSJR water quality objectives. Salinity reduction activities to be included in alternatives that consider existing maximum salinity management activities, and consider salinity treatment alternatives were discussed.

On 12 December, Jeanne Chilcott and Pam Buford participated in a conference call with key committee members to prepare material for the annual report to the State Water Board on the initiative.

On 18 December, Jim Brownell participated in the LSJR Committee meeting in Modesto. The salinity reduction activities identified by the technical subgroup on 9 December were discussed. Also, the results of the modeling run discussed on 14 and 20 November were presented and discussed.

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

A monthly staff meeting with representatives of the USBR was held on November 6th to discuss the remaining actions necessary for presentation of the revised MAA and the Real Time Salinity Management Program (RTMP) framework document for Board consideration during its 4/5 December meeting. Also, Joe McGahan, representing the Westside San Joaquin River Watershed Coalition, reported that the East San Joaquin Coalition voted to join the RTMP effort by signing the Memorandum of Understanding (MOU) for participation. The MOU had already been signed by the San Joaquin Valley Drainage Authority on behalf of the Westside San Joaquin River Watershed Coalition, and by the San Luis & Delta-Mendota Water Authority, on behalf of its members participating in the Grassland Basin Drainage Management Activity Agreement. In addition, the status of the technical research team work on development of a Forecast Tool for salinity in the Lower San Joaquin River was discussed.

A brief monthly staff meeting with representatives of the USBR was held on December 12th to discuss implementation of the revised MAA and RTMP framework document, approved by the Board on December 4th. Work is primarily focused on restoring and maintaining continuous monitoring stations, refining the salinity Forecast Tool, and conducting outreach to other stakeholders within the Basin.

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 a hearing scheduled in February 2015 to consider the proposed Basin Plan Amendment to remove the municipal and domestic supply (MUN) beneficial use in twelve constructed and/or modified water bodies in the Sacramento River Basin that receive treated municipal wastewater from the cities of Biggs, Colusa, Live Oak or Willows. Consideration of adoption of this proposed Basin Plan Amendment is scheduled for April 2015 in Fresno. A notice of opportunity to comment, public hearing and filing was sent out on 22 December 2014 and the staff report and supporting documentation was made available to the public on 5 January 2015. A project stakeholder meeting is scheduled for 14 January 2015 in Rancho Cordova to solicit feedback on the proposed Basin Plan Amendment language, staff report and substitute environmental documentation.

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. A project stakeholder meeting regarding the region-wide Basin Plan Amendment will be scheduled in February or March 2015.

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 2014. 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. Therefore, to avoid duplication of efforts, the work of the GMAW will resume upon completion of both efforts.

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. County well ordinances have been reviewed and evaluated. Staff is now contacting personnel at county agencies (health departments) to determine the specific methods currently used to oversee and enforce well standards.

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 has been drafted and is being revised to include Irrigated Lands Regulatory Program

requirements. A public review and comment period for the draft General Order for Bovine Feedlots is expected within the next three months. Work on the General Order for Poultry facilities has begun with 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_lands/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 has been assigned and has started reviewing the site files to determine the nature of the inactive cases. Through December 2014, 388 sites in the backlog have been reviewed. Of these, 301 sites have been assigned to categories. Within selected categories, 21 sites are awaiting more information, 38 sites do not have any documentation associated with them, 95 cases have been closed, 25 sites are under the oversight of another lead agency, 8 sites have been assigned to staff, 37 sites are potential candidates for closure, 36 cases are neither sites for cleanup or closure, but are informational only, 34 cases are candidates to be opened as sites, 5 sites are duplicates that have been deleted.

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 Regional Board approvals by 13 May 2017. Central Valley Water Board staff expects to receive 30 draft LAMPs. To prepare for this workload, we are coordinating with State Board, the California Conference of Directors of Environmental Health (CCDEH), and California Onsite Wastewater Association (COWA). Staff has drafted a preliminary completeness checklist for the LAMPs. On 19 December 2014, staff presented the checklist to State Board and briefed the Executive Management Group. Comments are due from State Board by 9 January 2015. Staff will then solicit comments on a draft final version from key Local Agencies through CCDEH and COWA. Staff expects to provide the final version of the checklist to the local agencies by early February.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff has started using the new state-wide General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd, which was adopted at the State Water Board's 23 September meeting. Approximately 250 dischargers in the region are eligible for this more streamlined WDR process. Staff is 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 continued work on renewal of the conditional waiver for small food processors and small wineries, which will be presented at this meeting

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

1. Nitrogen Management Plan Template

On 23 December, the Central Valley Water Board Executive Officer issued the final Nitrogen Management Plan Template (including instructions) to the Agricultural Water Quality Coalitions. The third-party representatives will distribute the template to coalition members. Members will use the template to fulfill the applicable requirements of the General Order governing discharge from irrigated lands. The template and instructions are available at:

http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/forms/nitrogen_mgt_plan/2014_1223_nmp_temp_eo_iss.pdf

2. Compliance & Outreach

a) East San Joaquin Agricultural Parcel Inspections

In December, ILRP staff inspected about 200 parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under an Irrigated Lands 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.

b) Tulare Lake Basin Agricultural Parcel Inspections

In November and December, ILRP staff inspected 130 parcels in the Kings River Water Quality Coalition area, 86 parcels in the Kaweah Basin Water Quality Association area, and 50 parcels in the Tule Basin Water Quality Coalition. Information gathered during the inspections was used to determine which parcels require coverage under the applicable Tulare Lake Basin General Order.

c) Tulare Lake Basin Water Code section 13260 Directives

In November and December, ILRP staff issued 82 Directives to growers in the Kings River Water Quality Coalition area, 47 Directives to growers in the Kaweah Basin Water Quality Association area, and 19 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.

d) East San Joaquin Notices of Violation for Failure to respond to a Water Code section 13260 Directive.

In January, ILRP staff mailed 63 Notices of Violation (NOVs) to landowners who failed to respond to a 13260 Directive. These owners of commercial irrigated lands (as determined by staff inspection) were previously mailed directives that required the recipients to submit proof of coalition membership or a Notice of Intent to get regulatory coverage. The NOVs give the recipients 15 days to respond or face administrative civil liability.

3. Sacramento River Watershed Coalition Groups

California Rice Commission Coalition

On 19 November, staff received the rice-specific draft Nitrogen Management Plan template for Executive Officer (EO) review and approval. On 24 November staff received the draft Farm Evaluation Template for EO review and approval. Both templates are required by General Order R5-2014-0032 and are being reviewed by staff. On 9 January, staff posted the California Rice Commission's (CRC) proposed Farm Evaluation template online for public review and comment. The proposed template is web-based and specific to rice operations. Comments are due by 23 January to be considered prior to the Executive Officer decision on the proposed template.

On 22 December, the California Rice Commission submitted its 2014 Annual Monitoring Report for rice growers in the Sacramento Valley. Staff review of the report will be posted when completed.

4. Sacramento Valley Water Quality Coalition (SVWQC)

On 30 October, the Final Templates for Farm Evaluation and Wetland Evaluation were issued to the Sacramento Valley Water Quality Coalition (Coalition). The final templates satisfy the requirements of the General Order and serve to collect information consistently across irrigated agricultural and wetland areas in a cost effective manner.

On 13 November, staff held a quarterly meeting with the Coalition to discuss progress of implementing the Coalition's Management Plan, performance goals and status of other activities in progress.

On 20 November, Staff held a conference call with the Coalition and representatives from the Goose Lake Resource Conservation District to discuss the monitoring requirements of Order R5-2014-0030. Surface monitoring options were discussed, including the Reduced Monitoring / Management Practices Verification Option. The Coalition is to prepare a monitoring proposal for Goose Lake which will be evaluated by staff for compliance with the Order.

On 1 December, the Coalition electronically submitted 2nd quarter 2014 field results, wet chemistry, and toxicity data. The CVRWQCB received the remaining required support documents (field logs, lab reports, and chain-of-custodies) on CD-ROM on 3 December. The data report is currently under staff review.

On 17 December, staff held a meeting with the Coalition to discuss the Coon Hollow Legacy Organochlorine Pesticides Management Plan Completion Request. Points of discussion included documentation of the high degree of management practices already implemented and the possibility of combining the completion request with that for North Canyon Creek.

On 12 January, the Executive Officer issued a conditional approval of the Coalition's 2015 Monitoring Plan Update. The conditions include 1) submission of a proposed monitoring schedule for the Goose Lake Subwatershed by 27 February and 2) re-evaluation of the potential need for beta-cyfluthrin monitoring at the Pit River monitoring site within 60 days of the issuance of the required pesticide monitoring selection process. All other elements of the plan are consistent with WDR Order requirements.

5. San Joaquin River Watershed Coalition Groups

East San Joaquin Water Quality Coalition (ESJWQC)

On 5 November, the ESJWQC submitted the Groundwater Quality Assessment Report (GAR) Addendum in response to staff review and comments outlined in the Conditional Approval Letter. After confirming that the GAR and Addendum address all requirements in the conditional approval letter, the EO issued a final approval letter on 24 December. The final date for submittal of the ESJWQC's Comprehensive Groundwater Quality Management Plan is February 23.

On 19 November, the ESJWQC requested to update the management plan performance goals and measures scheduled for seven priority subwatersheds. Staff reviewed the request, and drafted a response letter for EO review and approval. Approval of performance goals and measures will not affect subsequent management plan milestones.

On 5 December, the ESJWQC submitted the revised Sediment Discharge and Erosion Assessment Report (SDEAR). Following discussion with staff regarding the methodology that the Coalition will use to designate areas at risk for erosion and sediment discharge, the Coalition revised its SDEAR and submitted the revised report on December 12. The report is currently under staff review.

On 12 December, the EO issued a letter to ESJWQC requesting shapefile data used to create figures 1-3 of the GAR Addendum. This data will enable Central Valley Water Board staff and interested parties to confirm that the coalition is prioritizing areas near the disadvantaged communities (DACs). The relevant shapefiles must be provided to Central Valley Water Board staff by 12 January.

6. San Joaquin County and Delta Water Quality Coalition (SJCDWQC)

On 31 October, the SJCDWQC submitted a letter concerning the scheduled October 2014 monitoring at Rindge Tract Drain and West Orwood Tract Drain within the Coalition Area. The letter discussed two points

of concern: Monitoring site access issues and a more representative site location than the current location to represent the Orwood Tract. The request is under staff review.

On 8 December, staff attended the SJCDWQC Steering Committee meeting held in Stockton. Items for discussion included Farm Evaluation status, Ground Water Assessment Report preparation, nitrogen certification program funding, and access to sampling sites. Several other topics were also discussed.

On 22 December, staff held a meeting with the Coalition to discuss comments on the SJCDWQC Groundwater Assessment Report Outline. Staff also provided clarification of comments, as needed. The Coalition and staff agreed that early review of the draft GAR would generally be useful.

7. **Westside San Joaquin River Watershed Coalition**

The Westside San Joaquin River Watershed Coalition submitted the non-irrigation season Semi-Annual Monitoring Report (SAMR) and irrigation season SAMR on 15 June 2014 and 30 November 2014, respectively. These SAMRs are currently under staff review.

On 18 December, Staff held a quarterly meeting with the Coalition representatives and discussed the Surface Water Quality Management Plan requirements under the General Order R5-2014-0002. The 2015 monitoring plan was also discussed and is due by January 15. The Coalition updated the outreach activities.

8. **Tulare Lake Basin Coalition Groups**

a) **Buena Vista Coalition**

On 26 November, a review of the Surface Water Monitoring Plan submitted by the Buena Vista Coalition was provided to the coalition. The Review requires changes to the plan before it can be deemed complete. A revised submittal is required by 6 February 2015.

On 10 December, staff met with the Buena Vista Coalition to discuss the process for determining vulnerability as required by Order R5-2014-0143.

b) **Cawelo Water District Coalition**

On 29 December, a review of the Surface Water Monitoring Plan submitted by the Cawelo Water District Coalition was provided to the coalition. The Review requires changes to the plan before it can be deemed complete. A revised submittal is required by 2 March 2015.

On 30 December, staff met with the Cawelo Water District Coalition to discuss the process for determining vulnerability as required by Order R5-2014-0143.

c) **Kaweah Basin Water Quality Association**

On 12 December, staff met with the Kaweah Basin Water Quality Association to discuss the process for determining vulnerability as required by Order R5-2014-0143.

On 29 December, a review of the Surface Water Monitoring Plan submitted by the Kaweah Basin Water Quality Association was provided to the coalition. The review requires changes to the plan before it can be deemed complete. A revised submittal is required by 2 March 2015.

d) **Kern River Watershed Coalition Authority**

On 1 December, a review of the Surface Water Monitoring Plan submitted by the Kern River Watershed Coalition Authority was provided to the coalition. The review requires changes to the plan before it can be deemed complete. A revised submittal is required by 2 February 2015.

On 19 December, staff met with the Kern River Watershed Coalition Authority to discuss the process for determining vulnerability as required by Order R5-2014-0143.

e) **Kings River Watershed Coalition Authority**

On 15 December, staff met with the Kings River Water Quality Coalition area to discuss the process for determining vulnerability as required by Order R5-2014-0143.

f) **Tule Basin Water Quality Coalition**

On 5 December, a review of the Surface Water Monitoring Plan submitted by the Tule Basin Water Quality Coalition was provided to the coalition. The review requires changes to the plan before it can be deemed complete. A revised submittal is required by 9 February 2015.

On 15 December, staff met with the Tule Basin Water Quality Coalition to discuss the process for determining vulnerability as required by Order R5-2014-0143.

g) **Westside Water Quality Coalition**

On 19 December, staff met with the Westside Water Quality Coalition to discuss the process for determining vulnerability as required by Order R5-2014-0143.

9. **Other Projects**

a) **Data Management**

Staff is currently processing the Westside San Joaquin Watershed Coalition and Buena Vista Coalition data. Delays have been recognized 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 to CEDEN by end of January 2015.

b) **Rice Pesticides Program**

On 19 December, the California Rice Commission submitted the draft 2014 Rice Pesticides Program (RPP) report as required by order R5-2010-2001. The report has been sent to RPP stakeholders for comment. The final 2014 RPP report and CRC recommendations for the 2015 season will be posted when received.

c) **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 developed 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, 16 October, and 16 December. The Workgroup has developed a preliminary pesticides prioritization process. Detailed discussion of the process will continue in the next meeting scheduled on 27 January. 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

10. **Prop 84 Grant Funding**

To date, sixty-nine projects of the approved 87 projects have been completed and invoiced. Outstanding projects are to be completed by 31 December 2014 and invoiced in January for payment.

On 12 December, staff received the draft report on the sediment erosion model required as part of the tasks for the grant. The report is currently undergoing peer review.

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

NON POINT SOURCE (NPS)

1. **2015 Federal NPS Grant Solicitation**

Approximately \$4 million was available for this Solicitation through a grant from USEPA 319(h) Program. The purpose of the program is to provide funds to restore and protect the beneficial uses of water throughout the State through the control of Nonpoint Source pollution consistent with completed TMDLs or TMDLs under substantial development. For the 2015 Solicitation, one project has been invited back to submit a full proposal, the Sustainable Cotton Project's Implementation of Agricultural BMPs in Alfalfa, Almonds, Cotton That Aid in Restoration of the San Joaquin River Watershed. (HG)

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

Staff is engaged in the state-wide GRAP to develop regulatory strategies to more efficiently address water quality impacts while recognizing and retaining environmental benefits associated with grazing activities in California.

In November 2014, GRAP staff conducted focused listening sessions with the following key stakeholder groups: ranching and related industries, environmental and environmental justice organizations, government and local agencies, and academia. In January 2015, three additional regional meetings were held in Bishop, Redding, and San Luis Obispo. The listening sessions and the regional meetings were held to engage stakeholders and solicit early public comments regarding potential regulatory approaches, water quality issues and environmental benefits associated with grazing activities. Also in January, GRAP staff held an internal meeting with other water board programs to discuss cost-cutting issues and how to avoid redundant regulation of grazing operations. The input from these initial meetings will be considered in the development of the GRAP proposal during 2015.

In addition to conducting stakeholder meetings, GRAP staff is in the process of developing outreach materials outlining the benefits of grazing, the impacts of grazing, and the Water Boards' mission to protect water quality. GRAP staff is emphasizing stakeholder participation throughout the process and continue to work with stakeholders in an open and collaborative fashion. There has been concern raised by interested parties regarding this effort.

On 3 November, Guy Chetelat participated in the GRAP focused listening sessions with the ranching and related industries and environmental organizations

On 14 November, Ben Letton, Sue McConnell and Rajmir Rai participated in the GRAP focused listening sessions with government agencies and academia.

On 6 December, the Kern County Cattlemen's Association wrote a letter to Governor Brown expressing strong opposition to the GRAP effort and asked the Governor to see that the proposed project be withdrawn from further consideration.

3. **Cyanotoxins in Clear Lake**

On December 4th, Sue McConnell participated in the Clear Lake Cyanotoxin Task Force Meeting. In November, the Elem Indian Colony and the Big Valley Rancheria continued to collect samples to analyze for microcystin using field methods. Since the field methods showed low microcystins levels, the samples were not sent to a laboratory for additional analysis. There were discussions about adding other analytes (e.g., phosphorus and nitrogen) to the analyses next year and looking for potential correlations between cyanotoxins levels and field parameters.

In January, the Elem Indian Colony and the Big Valley Rancheria submitted an application for a USEPA environmental justice grant to fund additional cyanotoxin monitoring at shoreline locations and fish tissue and aquatic organism testing of up to 5 tribally important species at Clear Lake. Staff provided a letter of support for the application and will continue to collaborate with the Tribes and other interested parties in the Clear Lake Watershed.

GENERAL

1. **Healthy Soils Initiative**

The Governor's recent budget for 2015-16, released on 9 January, includes an initiative to protect and maintain healthy soils in California – Healthy Soils Initiative. On 26 January, Central Valley Water Board member Dr. Longley and staff, along with State Water Board member Dorene D'Adamo and staff attended a leadership meeting with representatives from the Governor's office, CalEPA agencies, California Department of Conservation, and California Department of Food and Agriculture to discuss the development and coordination of the initiative. Topics discussed included the benefits of increased carbon in soils for agriculture and the environment and how various programs may incentivize long-term practices that will build healthy soils. Healthy Soils text from page 134 of the Budget Summary is provided below for reference.

“As the leading agricultural state in the nation, it is important for California's soils to be sustainable and resilient to climate change. Increased carbon in soils is responsible for numerous benefits including increased water holding capacity, increased crop yields and decreased sediment erosion. In the upcoming year, the Administration will work on several new initiatives to increase carbon in soil and establish long term goals for carbon levels in all California's agricultural soils. CDFA will coordinate this initiative under its existing authority provided by the Environmental Farming Act.”

2. **Irrigated Lands Regulatory Program – Clifton Court LP**

During the October hearing public forum, Suzanne Womack reported that her family farm adjacent to Clifton Court Forebay is highly impacted by seepage and sediment caused by water projects. She asked for assistance in working with the Department of Water Resources (DWR) and United States Bureau of Reclamation (USBOR) to reduce those impacts, requested help acquiring DWR water quality data, and asked for an exemption from coverage under the Irrigated Lands Regulatory Program (ILRP). Board members requested that staff work with her.

Staff contacted DWR, acquired Clifton Court Forebay water quality data, and provided this data to Ms. Womack. Staff then considered possible ILRP exemptions for Clifton Court LP (CCLP). Staff finds that CCLP is an irrigated lands operation with 589 acres of alfalfa and other crops. With regard to the DWR water quality monitoring, staff finds it insufficient to meet the monitoring requirements of the Individual General Order for irrigated lands (e.g., there's no groundwater monitoring other than depth to groundwater). Given these findings, CCLP's situation does not warrant an ILRP exemption, as none exists for irrigated lands impacted by seepage from State or Federal Water Projects. For these reasons the CCLP must maintain its Delta Coalition membership or enroll under the Individual General Order for coverage under the Irrigated Lands Regulatory Program.

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. Approximately \$2.5 million for nine projects have already been funded. Of those, eight projects are within the Central Valley Region.

For project descriptions see:

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/docs/funded_projects_to_date.pdf

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 12/30/15)
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 4 November, Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 6 November, Bethany Soto and Sarah Rutherford participated in Department of Water Resources' Integrated Regional Water Management (IRWM) Stakeholder Capacity Building Workshop. The workshop discussed the success stories and lessons learned, along with tools that can assist with the interactions between IRWM groups, tribal communities, and disadvantaged communities (DACs).

On 10 November, Sarah Rutherford participated in the Madera Integrated Regional Watershed Management Group in Madera. The group watched a film "Living in the Rain Shadow", which documents projects which have assisted tribal communities within the Inyo-Mono Integrated Regional Watershed Management Program.

On 12 November, Anthony Medrano participated in the monthly meeting of the Fresno Environmental Reporting Network meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 13 November, David Sholes and Eric Warren presented at a California Association of Pest Control Advisers (CAPCA) education seminar at the International Agri-Expo Center in Tulare, CA. The presentation provided attendees with an update on the Irrigated Lands Regulatory Program and the proposed revisions to Order R5-2013-0120.

On 13 November, Bethany Soto participated in the Southern Sierra IRWM Group meeting. The meeting focused on consensus adoption of the IRWM plan, project updates, and the next steps.

On 17 December, representatives of the US Bureau of Reclamation and their consultants met with regional board staff. Consultants from CH2MHill presented an update of the biological monitoring results at the Kesterson Reservoir as required by MRP Order 87-149. A formal report and recommendations for monitoring in 2015 is expected early in 2015.

On 18 November, Shane Edmunds and Griffin Perea attended the bi-monthly meeting of the Greater Battle Creek Watershed Working Group in Red Bluff, California. The meeting included a presentation on marijuana cultivation problems in the Battle Creek watershed and discussion of impacts from recent storm events in the Manton area. Central Valley Water Board staff plans to present more information about the recent storm events at the upcoming GBCWWG meeting on January 20, 2015.

On 19 November, Sarah Rutherford participated in the Mariposa-Yosemite Integrated Regional Watershed Management Group's project development committee meeting in Mariposa. The focused committee meeting addressed data management, fuel reduction projects, and groundwater studies on private wells.

On 19 November, Sarah Rutherford participated in the Tuolumne-Stanislaus Integrated Regional Watershed Management Group meeting in Sonora. Discussion topics included forest ecosystem hydraulic modeling and timber harvest management practices as climate change affects the forest ecosystem.

On 21 November, Ben Letton gave a presentation about the Grazing Regulatory Action Project (GRAP) to the Property Rights and Environmental Management Committee at the California Cattlemen's Association Annual Meeting in Reno, NV.

On 24 November, Pam Buford and Sarah Rutherford met with staff from the Sequoia National Park Service in Three Rivers to discuss a pilot project designed to monitor water quality and the effectiveness of best management practices for grazing pack animals.

On 1 December, Bethany Soto participated in the Tulare Basin Integrated Regional Planning Effort which is a group of IRWM practitioners from the Tulare-Kern Funding Area. The meeting focused on available grant program funding and coordination with DACs within the Tulare Basin.

On 2 December, Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 2 December, Patrick Morris, Laura McLellan, and Trevor Cleak attended a test of mercury removal equipment at Lake Combie. This was the second of three pilot tests of a centrifuge and settling basin system designed to remove elemental mercury from lakebed sediment during the dredging process. The pilot tests were a collaborative effort between the Nevada Irrigation District and the Sierra Fund.

On 3 December, Bethany Soto participated in the Central Sierra Watershed Committee (CSWC) meeting. A short film was presented, "Living in the Rain Shadow" that focused on working with tribal communities by Inyo/Mono IRWM Group. In addition, CSWC discussed strategic planning for 2015.

On 3 December, Ben Letton and Lynn Coster attended a North Eastern California Water Association meeting in McArthur, CA. Ben fielded questions regarding the Grazing Regulatory Action Project and Lynn answered questions regarding enrollment of members in the Coalition under the Irrigated Lands Regulatory Program, General Order R5-2014-0030.

On 4 December, Janis Cooke participated in Yolo Bypass coordination meeting for State and federal agencies. This meeting was the fourth in a series of meetings to discuss the planning and environmental compliance steps for Dept. Water Resources and USBR to comply with federal requirements to improve habitat for endangered fish species in the Yolo Bypass.

On 9 December, Anthony Medrano participated in the monthly meeting of the Fresno Environmental Reporting Network meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 9 and 10 December 2014, Robert Ditto, the industrial storm water lead for the Sacramento office, conducted training classes at the California Department of Food and Agriculture, Division of Measurement Standards (DMS) office in Sacramento on the requirements of the industrial storm water permit and how to use the Water Board's on-line storm water database, SMARTS, to verify permit coverage. A recent change in State law requires recyclers and junk dealers applying to DMS for a new weighmaster license, or renewing a license, to provide a statement to DMS indicating that the applicant has either filed an application for industrial storm water permit coverage or is not required to obtain permit coverage. The new law is meant to emulate the success of a similar law that requires the Department of Motor Vehicles to withhold dismantling licenses from automobile dismantlers that have not filed for storm water permit coverage. Class participants included DMS staff and county weights and measures staff throughout the State who were connected by video conference. About 100 participants attended the training.

On 10 December, Christine Joab and Tessa Fojut attended the Delta Pelagic Organism Decline Contaminants Work Team Meeting held at the Central Valley Water Board's office. Christine provided an update on the Central Valley Water Board's efforts to develop a nutrient strategy for the Delta.

On 11 December, a potential salmon take at Hemphill Dam, located in the City of Auburn, was reported to the Central Valley Water Board. Save Auburn Ravine also reported the issue to the National Oceanic and Atmospheric Administration (NOAA). Per NOAA the dam failed in 1997 and the Nevada Irrigation District (NID) rebuilt the dam. Save Auburn Ravine is concerned that the current dam is impeding the fall run for Chinook. NOAA and DFW are taking the lead to work with Save Auburn Ravine and NID to find a resolution.

On 16 December, Sue McConnell and Holly Grover met with Carolyn Ruttan, Lake County Department of Water Resources, and Holly Harris and Chuck Lamb, Clear Lake stakeholders. All participated in a field tour of areas with significant sediment erosion after a winter storm. One such area is Tule Lake, which had breached its levee. The Clear Lake Nutrient Control Program aims at sediment control to reduce nutrient loading to the Lake.

On 17 December, Bethany Soto participated in the Kaweah River Basin IRWM Plan meeting. The meeting focused on the status of the Kaweah River Basin IRWM Plan, the adoption of plan revisions, and further plan

development. Updates were given on the round 1 implementation grant, round 2 planning grant, and 2014 drought grant, as well as, the neighboring Tulare Basin IRWM development.

On 18 December, Chris Foe, Sue McConnell, Holly Grover, Alisha Wenzel and Christine Joab attended a WebEx meeting on the California CyanoHAB Network. Information was provided on the present status of the CyanoHAB network, the short-term and long-term actions, and updates from the SWAMP Cyanotoxin Program, Drinking Water HAB Workgroup.

On 5 January, Bethany Soto participated in the Tulare Basin Integrated Regional Planning Effort. The meeting focused on available grant program funding and coordination with Disadvantaged Communities within the Tulare Basin.

On 6 January, Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 7 January, Anthony Medrano met with Cesar Campos, Central California Environmental Justice Network Coordinator, to provide assistance regarding a proposal to conduct groundwater sampling surrounding active oil wells in Kern County.

On January 8, Guy Chetelat participated in the Lower Clear Creek Technical Team meeting in Redding. The meeting covered ongoing habitat restoration projects and the mercury abatement project. Lower Clear Creek is an important cold-water tributary to the lower Sacramento River and numerous projects have been carried out to address impacts from historic mining.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATE

November 1, 2014 through December 31, 2014

Promotion:

Nichole Morgan – Supervising WRCE

Leave of Absence:

None

Retirement:

Ken Landau – AEO

Authorized Positions: 232.7

Vacant Positions: 12

Separations	New Hires
Joe Karkoski – Sup. WRCE	Yared Kebede – ES
Anthony Soricelli – EG	Selina Cole – ES
Stephen Rooklidge - WRCE	Zachary Jarvie – EG

Temporary Help Positions

Separations	New Hires
Deandra Cass – SA	Sergey Markevich – Eng/Arch student
Ricardo Ramirez – SA	Annalise Burney – SC
Lisa Rubin – SA	
Nicolette Dentoni – SA	

TRAINING UPDATE

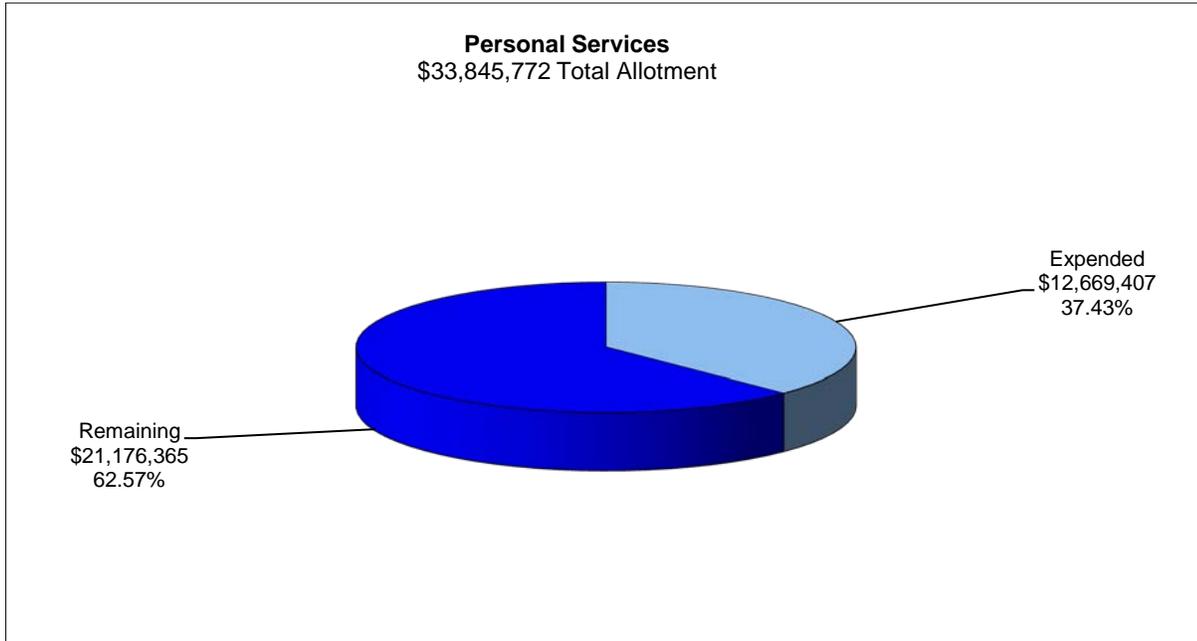
November 1, 2014 through December 31, 2014

Class Title	Number of Attendees
2014 California Alfalfa, Forage and Grains Symposium	2
24-Hour Hazardous Waste Operations Training	2
40-Hour Hazardous Waste Operations Training	1
8-Hour Hazardous Waste Operations Training	35
Advanced Meeting Facilitation	5
Bioassessment Course (3 & 4)	1
Biochemical Reactor for Mining-Influences Water	1
California Aquatic Bioassessment Work Group	6
Cal/EPA Telework and Remote Access Security Training	1
Course 1 Concept of Bioassessment and Implementation	1
Defensive Drivers Training	3
EPA Recovery Potential	1
Fish and Wildlife Spill Responder Training	5
Fundamental Inspector Course	2
GeoSymp 2014 Webinar	1
Integrated DNAPL Site Strategy	1
Mining Waste Treatment Technology Selection	1
Practical Skills Workshop	1
Regional Board Staff Training Workshop	1
Remedy Selection of Containment	1
Security Awareness Training	1
Sustainable Groundwater Management Act Webcast	4
The Almond Conference	1

FISCAL UPDATE
Through November 30, 2014
(41.6% should be expended to date)

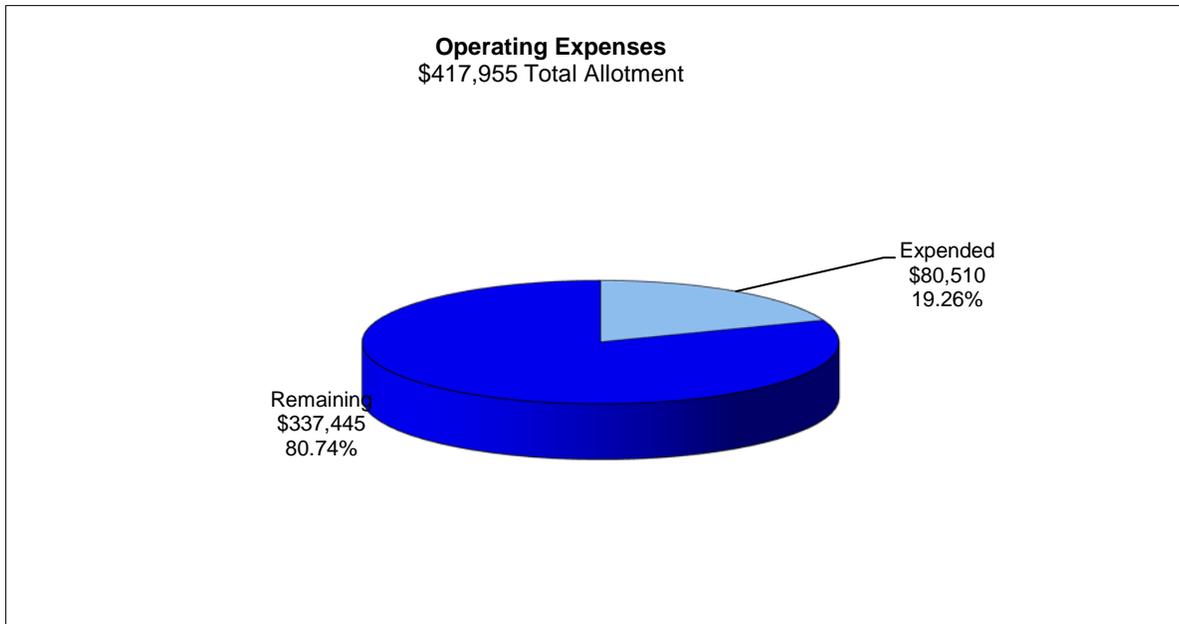
Personal Services:

Our Personal Services budget for the 2014-15 Fiscal Year is \$33,845,772.



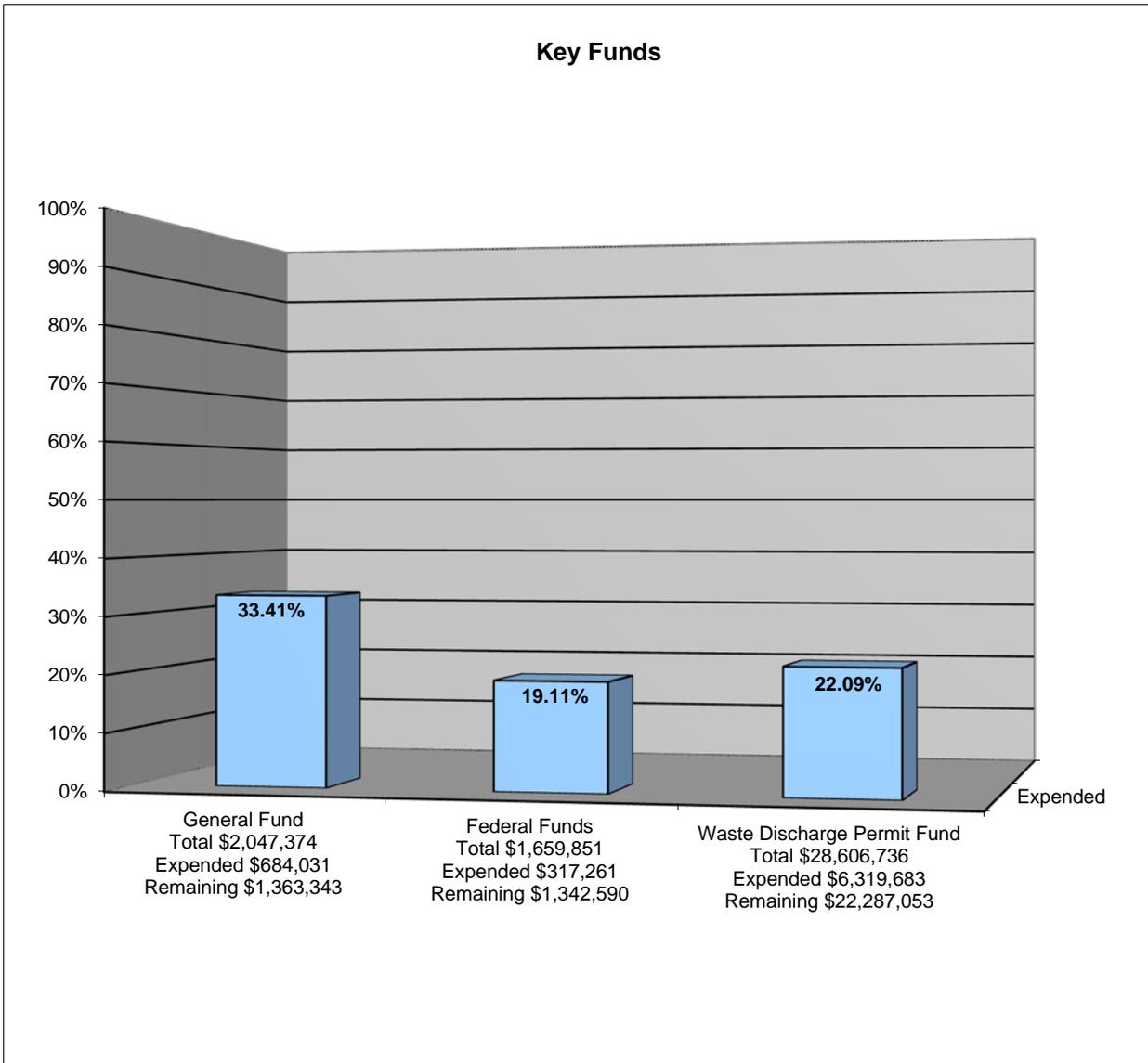
Operating Expenses:

Our Operating Expense budget for the 2014-15 Fiscal Year is \$417,955.



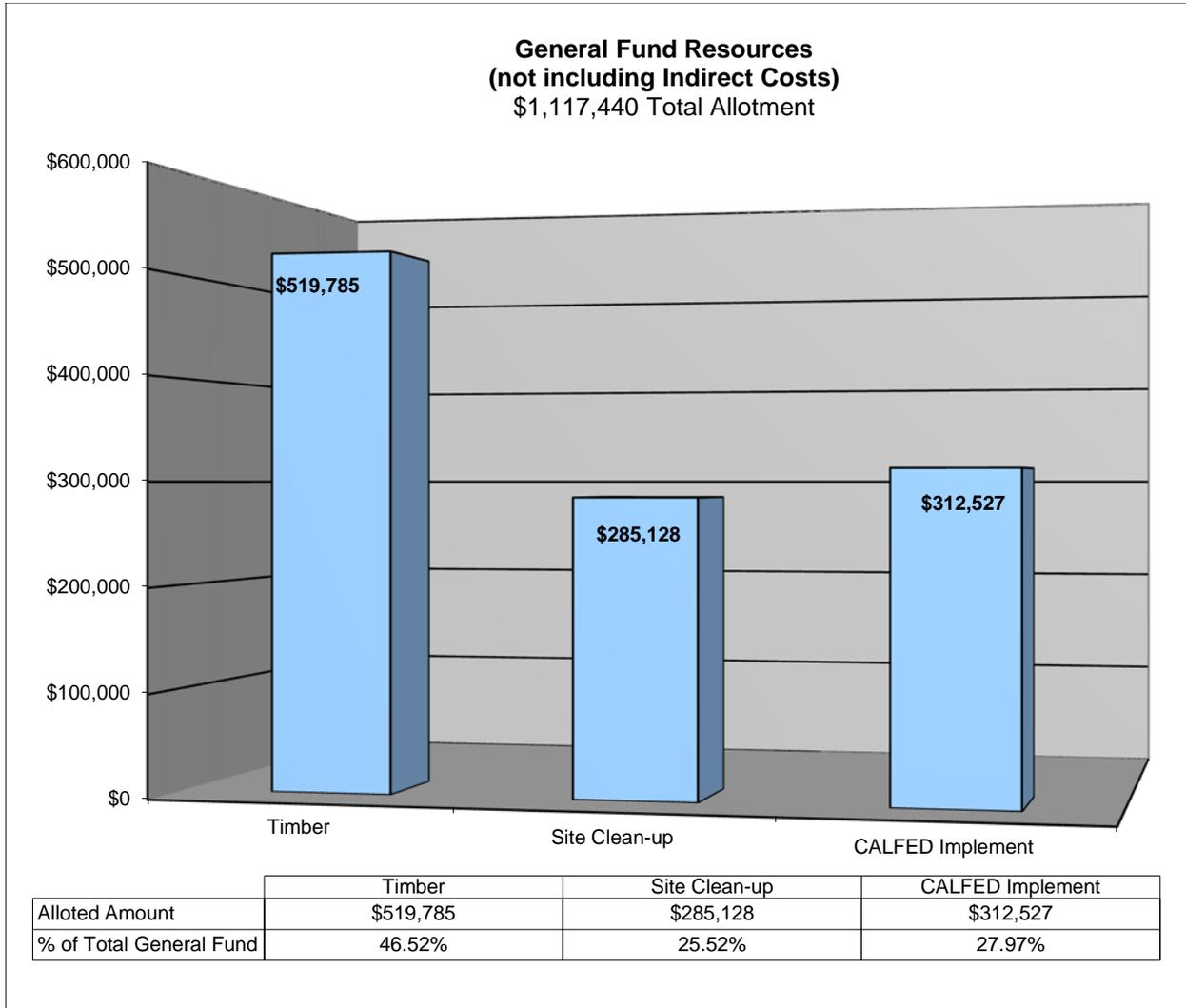
Key Fund Issues:

All key funds have are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2014-15 Fiscal Year is \$1,117,440. 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
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.

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 WQCF Permit Renewal
- City of Manteca WQCF Permit Renewal
- City of Sacramento Combined Wastewater Control System Permit Renewal
- Bell Carter Olive Company Industrial WWTP Permit Renewal
- Tehama County Sanitation District, Mineral WWTP Permit Renewal
- Cutler-Orosi WWTF Permit Amendment
- City of Vacaville Easterly WWTP Permit Amendment
- City of Galt WWTP Time Schedule Order
- City of Brentwood WWTP Permit Amendment
- Mariposa WWTF Time Schedule Order

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Compost Solutions (Revised WDRs)
- Pacific Coast Producers Inc. (Revised WDRs)
- E&J Gallo Winery, Fresno (Revised WDRS)
- Paramount Farms, Kings Facility (Revised WDRs)
- Grimway Enterprises-Shafter (New WDRs)
- Kern Ridge Growers, Di Giorgio Facility (New WDRs)
- Giumarra Winery (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)
- Sacramento Rendering Co. (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- Sutter Home Winery (Revised WDRs)
- Gateway Village WWTF (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Altamont Landfill (Revised WDRs)
- Fairmead Landfill (Revised WDRs)
- West Central Class III Landfill (Revised WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

- Sarbjit & Satwant Athwal (ACL Complaint)
- Heritage Ranch LLC (ACL Complaint)

Storm Water Program – Permitting

- Sacramento Hydromodification Management Plan Approval

JUNE 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Sierra Pacific Industries-Quincy Permit Renewal
- Sierra Pacific Industries -Burney Permit Renewal
- United Auburn Indian Community, Thunder Valley Casino 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

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- UC Davis Center for Aquatic Biology (New WDRs)
- Bear Creek Winery (Revised WDRs)
- Exeter Dehydrator (Revised WDRs)
- Ventura Coastal, Tipton Plant (Revised WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Harris Ranch Kingsburg Plant (Revised WDRs)
- Shasta Renewable Energy (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- McKittrick Waste Treatment Site (Revised WDRs)
- Portola Class III Landfill (Revised WDRs)

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- Sliger Mine Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Golden Feather School District, Spring Valley School (Revised WDRs)
- City of Richgrove WWTF (Revised WDRs)
- Mendota, City of (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)
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Shasta Wine Village (New WDRs)
- Tulare Lake Drainage District-Mid Evap. Basins (New WDRs)
- Monarch Nut Company (Revised WDRs)
- Los Gatos Tomato Processing (Revised WDRs)
- City of Tuolumne WWTF (Revised WDRs)
- Laton CWD WWTF (Revised WDRs)
- Pleasant Valley State Prison WWTF (Revised WDRs)
- E.J. Gallo Livingston Winery (Revised WDRs)
- Lion Raisin Company (Revised WDRs)
- Sun Pacific/Califia Farms (Revised WDRs)
- Corcoran State Prison WWTF (Revised WDRs)
- Ardagh Glass Company, Saint Gobain Containers (Revised WDRs)
- Sierra Pacific Industries, Chinese Mill Camp (Revised WDRs)
- London CSD WWTF (Revised WDRs)
- Tasteful Selections (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- 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)
- 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
- Fresno Metropolitan Flood Control District, City of Fresno, City of Clovis, County of Fresno, and CSU Fresno, MS4 – Phase I Storm Water Quality Management Program approval
- City of Bakersfield and County of Kern, MS4 – Phase I Storm Water Management Plan approval

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.	2014-11-26 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-16	Cadmium Objective and Hardness Implementation Policy	2014-12-02 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.		
A-16*	Antidegradation Policy	2015-01-08 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 on April 21, June 27, August 15, and November 14, 2014, to consider stakeholder comments 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 prepared a draft white paper in November 2014 for internal review and discussion by the work team. State Water Board executive management and Board briefings are projected for January/February 2015, and additional focused stakeholder group meetings are planned to take place in February/March 2015. Web page link: http://www.waterboards.ca.gov/plans_policies/antidegradation.shtml		
A-15	Bacteria Standards for Ocean and Inland Surface Waters	2014-12-30 The State Water Board is developing proposed statewide bacteria water quality objectives and a proposed control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives are proposed to be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. State Water Board staff compiled comments from focused stakeholder meetings held in April through July 2014. Staff held an additional meeting with subject matter experts in September 2014. Staff plans to release draft documents for public review and comment in Spring 2015. State Board Web site: http://www.waterboards.ca.gov/bacterialobjectives/	Statewide	SB
A-15	Listing Policy Update	2014-12-12 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	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2014-12-15 The draft toxicity amendments, revised staff report, and response to public comments received in summer 2012 are currently under review. Another comment period will begin once these documents are released which is anticipated for March 2015. Board consideration is anticipated for May 2015.		

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Composting Operations Statewide General Order	2015-01-08 Staff has 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 the Regional Water Board staff, CalRecycle and the Air Resources Board. Staff released the draft EIR and proposed General Order for public review on January 7, 2015 with a public workshop to be scheduled for February 2015.	Statewide	SB
A-15*	Ocean Plan Amendment: desalination and brine provisions	2015-01-08 State Water Board 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 anticipates releasing the amendments for public review in February 2015 and Board consideration in April 2015.		
A-15	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II	2014-12-03 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 SQOs. 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
A-15	Basin Plan Amendment – Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs	2014-12-15 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	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2014-12-15 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A15	Timber Activities on National Forest System Lands	2014-11-19 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.	Statewide	SB
A-15	General Order for Poultry Facilities	2014-12-12 General Order for poultry raising and egg laying facilities. Issue paper completed and undergoing internal review.	Regional	R5
A-15	Trash WQC Plan Amendments	2015-01-08 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. The revised amendment was posted on December 31, 2014 for public review and staff anticipates Board consideration on March 17, 2015.		
A-15	Central Valley Pyrethroids Basin Plan Amendment	2014-12-17 In development. Scoping meeting held in October 2012. Stakeholder meetings held in Sept-Nov 2014. Scheduled for peer review draft release in Spring 2015, Board Hearing in Summer/Fall 2015.	Regional	R5
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.	2014-12-15 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	Regional	R5
A-15	Central Valley Diuron Basin Plan Amendment	2014-12-17 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Spring 2015, Board Hearing by Spring 2015. (Staff contact, Danny McClure)	Regional	R5
A-15	Statewide Storm Water Construction General Permit Reissuance	2014-12-22 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. Executive management is reviewing the changes to the order.	Statewide	SB
	Region-wide General Order for MS4s	2014-12-31 Permittee Working Group meetings ongoing, latest 16 December 2014. Focused meeting with environmental community scheduled for 13 January 2015.	Regional	R5
A-15	Composting Operations Statewide General Order	2015-01-08 Staff has 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 the Regional Water Board staff, CalRecycle and the Air Resources Board. Staff released the draft EIR and proposed General Order for public review on January 7, 2015 with a public workshop to be scheduled for February 2015.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Revision of General Order for Existing Dairies	2014-12-12 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	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2014-11-19 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 Winter 2015.		
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 public 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
A-14	Central Valley Diazinon and Chlorpyrifos Basin Plan Amendment	2014-12-17 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. (Danny McClure)	Regional	R5
A-14	Implement Lower San Joaquin River Salt/Boron TMDL	2014-12-15 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. At the 4 December 2014 Central Valley Water Board meeting, both an updated MAA with the USBR and a phased RTMP were approved through Resolutions R5-2014-0150 and R5-2014-0151, respectively. Salt load allocations have also been incorporated into appropriate Ag Coalition WDRs with option to participate in Board approved RTMP. (Staff contact, James Brownell)	Regional	R5
A-14	Renewal of Timber Harvest Waiver	2014-12-12 Adopted by the Central Valley Board on 4 December 2014 as Order No. R5-2014-0144. Waiver will expire 31 March 2018. (Staff Contact, Angela Wilson)	Regional	R5
A-14	Wetland Area Protection and Dredge and Fill Permitting Policy – Phase I	2015-01-08 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 March 2015.	Statewide	SB
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2014-12-17 Regional Board completed CEQA Scoping meeting in July 2009. A draft summary report on OC pesticides was completed in December 2014. Final report will be completed in early 2015.	Regional	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
*A	Onsite Wastewater Treatment Systems Policy Implementation	2015-01-08 The Final Draft of the Local Agency Management Plan (LAMP) Guidance document is under review. The document is scheduled to be finalized in February 2015. 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 or early 2015; (3) A Basin Plan Amendment for Region 9 is planned for early 2015.	Statewide	SB
*A	Water Effects Ratios	2014-12-03 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	2014-12-12 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	Timber Activities on Non-federal Lands	2014-12-03 On September 10, 2012, the Governor signed 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.		
A	Nutrient Numeric Endpoints Tools	2014-12-17 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 and a science advisory group and will expand a regulatory advisory group for nutrients in perennial Wadeable streams. A Stakeholder Advisory Group Meeting was held on December 9, 2014	Statewide	SB
A	Groundwater Quality Protection Strategy	2014-12-16 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Grazing	<p>2014-12-03 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. Four FSL sessions were completed in November and one is scheduled for December. FLS groups include Environmental/Environmental Justice; Ranching and Related Industries; Government and Public Agencies; Academia and Other; and Tribes. Four additional meetings are planned for January 2015 – three Regional Stakeholder Meetings to be held in San Luis Obispo, Redding and Bishop and a fourth internal meeting to help promote coordination with State and Regional Board programs related to GRAP. The GRAP website has been recently updated and includes a Fact Sheet. The next updates to the website will include notes from the FLS group meetings as well as other information to help keep stakeholders informed of current GRAP activities.</p> <p>Website:http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml</p>	Statewide	R6
A	Mercury TMDL (Reservoirs)	<p>2015-01-08 Staff from Regions 2 and 5 are developing a TMDL and implementation plan to address fish mercury impairments in 74 reservoirs around the state. CEQA scoping meetings were held in March 2012. 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 were held in 2014. In addition, staff has met with the reservoir operators several times to discuss and develop ideas and criteria for water chemistry and fisheries management studies and pilot tests. Staff are preparing the staff report.</p>	Statewide	SB
A	Federal Land Management Agency Sites Memorandum of Understanding	<p>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</p>	Regional	R5
A	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	<p>2014-12-15 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 Summer 2015. The six mercury mines included in this cleanup include the Central, Cherry Hill, Empire, Manzanita, West End, and Wide Awake. Staff is working with the mine owners in the upper Davis Creek watershed to address their mercury mines.</p>	Regional	R5
A	Methylmercury Objectives	<p>2014-12-03 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 continued 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 for peer review in September 2015.</p>	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Storm Water Strategic Initiative	2014-12-04 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	2014-12-15 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
A	Phase II Small Municipal Separate Storm Sewer System (MS4) Permit Amendment	2014-12-03 State Water Board staff is developing 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	2014-12-12 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	2014-12-16 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	2014-12-02 Staff plans to develop concepts for Waste Discharge Requirements (WDR) or waiver of WDR for OHVs at State Parks.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
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 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	2014-12-15 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	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	Biological Integrity Plan Development	2014-12-17 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. A stakeholder meeting is scheduled for January 15, 2015 at SCCWRP.	Statewide	SB
P	New winery waste guidelines	2014-12-15 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	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	
Month													
October 2014	0	1	10	11	2	0	3	5	3	3	215	221	237
Total	0	1	10	11	2	0	3	5	3	3	215	221	237

Spill Cause	Count of Spills	%
Root Intrusion	155	65.4%
Debris-General	34	14.3%
Grease Deposition (FOG)	19	8.0%
Pipe Structural Problem/Failure	8	3.4%
Other	5	2.1%
Operator Error	4	1.7%
Debris from Lateral	3	1.3%
CS Maintenance Caused Spill/Damage	3	1.3%
Debris-Rags	2	0.8%
Debris from Construction	1	0.4%
Pump Station Failure-Power	1	0.4%
Vandalism	1	0.4%
Damage by Others Not Related to CS Construction/Maintenance	1	0.4%
Grand Total	237	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	City of Stockton MUD CS	5SSO11433	810010	Certified	Category 1	9329 Kirkby Lane	San Joaquin	Yes	866	866	10/18/2014	Grease Deposition (FOG)
5R	Mt Shasta CS	5SSO10835	810159	Certified	Category 1	McCloud and North B St	Siskiyou	Yes	750	625	10/27/2014	Debris-General
5S	Hangtown Creek CS	5SSO10965	809999	Certified	Category 1	2885 Mosquito Road, Placerville CA	El Dorado	Yes	580	580	10/19/2014	Grease Deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	809975	Certified	Category 1	1550 W. Fremont St	San Joaquin	Yes	400	400	10/17/2014	Pipe Structural Problem/Failure
5R	Red Bluff CS	5SSO10845	809855	Certified	Category 1	Douglas and 4th	Tehama	Yes	450	350	10/10/2014	Grease Deposition (FOG)
5S	La Contenta CS	5SSO10978	810061	Certified	Category 2	Vista Del Lago at Gosgrove Creek	Calaveras	No	85,000	0	10/14/2014	Root Intrusion
5S	Penn Valley CS	5SSO11022	810253	Certified	Category 2	10699 Spenceville Rd. Penn Valley CA	Nevada	No	29,400	0	10/28/2014	Pipe Structural Problem/Failure
5S	Clearlake Oaks Co Wtr Dis CS	5SSO10906	810121	Certified	Category 2	Lift Station 11	Lake	No	4,000	0	10/15/2014	Operator Error
5F	SA-2 Bass Lake CS	5SSO11319	809859	Certified	Category 2	52337 Rd 432 Bass Lake Ca	Madera	No	1,800	0	10/11/2014	Root Intrusion
5S	Murphys CS	5SSO11007	810699	Certified	Category 3	Murphys Diggins	Calaveras	No	800	0	10/21/2014	Other (specify below)
5S	Sacramento Regional CS	5SSO11045	810671	Certified	Category 3	West Sacramento Force Main ARV	Yolo	No	750	0	10/30/2014	Operator Error
5S	Nw Regional Waste Disp Fac CS	5SSO11015	809749	Certified	Category 3	4207 Foothill, Lucerne, CA	Lake	No	720	0	10/6/2014	Root Intrusion
5F	Atwater CS	5SSO10716	809793	Certified	Category 3	Determine Rd	Merced	No	700	0	10/7/2014	Grease Deposition (FOG)
5F	SA-2 Bass Lake CS	5SSO11319	809752	Certified	Category 3	Rd 432 & Rd 331	Madera	No	500	0	10/5/2014	Root Intrusion
5S	City of Sacramento Utilities CS	5SSO10901	810133	Certified	Category 3	3812 Taylor Ave, Sacramento, CA	Sacramento	No	334	0	10/23/2014	Grease Deposition (FOG)
5S	Murphys CS	5SSO11007	810743	Certified	Category 3	Manhole #64	Calaveras	No	325	0	10/30/2014	Root Intrusion
5S	Middletown Regional Waste Disp Fac CS	5SSO10997	809762	Certified	Category 3	21713 South Hwy 29, Middletown, Ca 95461	Lake	No	300	0	10/7/2014	Grease Deposition (FOG)
5S	Southeast Regional Waste Disp Fac CS	5SSO11055	809988	Certified	Category 3	15025 Pineview Dr, Clearlake Ca 95422	Lake	No	300	0	10/18/2014	Root Intrusion
5S	Murphys CS	5SSO11007	809746	Certified	Category 3	Manhole #79	Calaveras	No	300	0	10/5/2014	Grease Deposition (FOG)
5F	City Of Merced CS	5SSO10724	810670	Certified	Category 3	In alley behind 1221 1st street	Merced	No	291	0	10/20/2014	Grease Deposition (FOG)
5S	Deer Creek CS	5SSO10923	810230	Certified	Category 3	DC-2014-10-07	El Dorado	No	250	0	10/8/2014	Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
5F	Wasco State Prison CS	5SSO10775	811100	Certified	Category 3	Wasco State Prison	Kern	No	250	0	10/6/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	5SSO10912	811005	Certified	Category 3	123641	Sacramento	No	247	0	10/19/2014	Grease deposition (FOG)
5F	City of Fresno CS	5SSO11202	809927	Certified	Category 3	MH 2059-48	Fresno	No	228	0	10/9/2014	Root Intrusion
5S	Jamestown SD CS	5SSO11303	809971	Certified	Category 3	MH 26.5	Tuolumne	No	225	0	10/16/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	809754	Certified	Category 3	7208 Inglewood Ave	San Joaquin	No	205	0	10/6/2014	Grease Deposition (FOG)
5S	Davis CS	5SSO10921	810130	Certified	Category 3	805 H Street Davis CA	Yolo	No	200	0	10/20/2014	Root Intrusion
5R	City of Orland CS	5SSO11421	810449	Certified	Category 3	County Road HH	Glenn	No	200	0	10/7/2014	Debris from Lateral
5S	Sacramento Area Sewer District CS	5SSO10912	810996	Certified	Category 3	123517	Sacramento	No	163	0	10/15/2014	Grease deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	810048	Certified	Category 3	1604 E Harding Wy	San Joaquin	No	152	0	10/13/2014	Debris-General
5S	City Of Auburn CS	5SSO10722	809900	Certified	Category 3	149 Haswell CT SSO	Placer	No	150	0	10/8/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810984	Certified	Category 3	123322	Sacramento	No	101	0	10/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810978	Certified	Category 3	123235	Sacramento	No	101	0	10/6/2014	Debris-General
5F	City Of Bakersfield CS	5SSO10717	810408	Certified	Category 3	14723 Merlot Cellars Dr	Kern	No	100	0	10/26/2014	Pump Station Failure-Power
5S	Sacramento Area Sewer District CS	5SSO10912	810966	Certified	Category 3	123149	Sacramento	No	67	0	10/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810927	Certified	Category 3	122555	Sacramento	No	64	0	10/1/2014	Vandalism
5S	City Of Folsom CS	5SSO10893	810463	Certified	Category 3	52 Natoma St	Sacramento	No	60	0	10/13/2014	Grease Deposition (FOG)
5S	Hangtown Creek CS	5SSO10965	810185	Certified	Category 3	West Win and Locust Street, Placerville, CA	El Dorado	No	57	0	10/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810990	Certified	Category 3	123413	Sacramento	No	53	0	10/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811017	Certified	Category 3	123708	Sacramento	No	50	0	10/20/2014	Root intrusion
5S	Hangtown Creek CS	5SSO10965	809926	Certified	Category 3	1275 Roxie Way, Placerville CA	El Dorado	No	50	0	10/4/2014	CS Maintenance Caused Spill/Damage
5S	Sacramento Area Sewer District CS	5SSO10912	811013	Certified	Category 3	123690	Sacramento	No	50	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810959	Certified	Category 3	122991	Sacramento	No	48	0	10/7/2014	Pipe Structural Problem/Failure
5S	City of Sacramento Combined CS	5SSO10901-C	809840	Certified	Category 3	1400 34th street	Sacramento	No	43	0	10/3/2014	Pipe Structural Problem/Failure
5S	Hangtown Creek CS	5SSO10965	810183	Certified	Category 3	3100 Clark Street, Placerville, CA	El Dorado	No	40	0	10/22/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811048	Certified	Category 3	124058	Sacramento	No	38	0	10/26/2014	Root intrusion
5S	Dry Creek CS	5SSO10935	810239	Certified	Category 3	7164 Marblethorpe	Placer	No	36	0	10/8/2014	Root Intrusion
5S	Camanche North Shore CS	5SSO10883	810690	Certified	Category 3	Lift Station No. 1	Amador	No	35	0	10/17/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810944	Certified	Category 3	122823	Sacramento	No	34	0	10/4/2014	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	811028	Certified	Category 3	123836	Sacramento	No	33	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810965	Certified	Category 3	123134	Sacramento	No	32	0	10/8/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	810113	Certified	Category 3	2720 Georgia Av	San Joaquin	No	32	0	10/23/2014	Debris from Lateral
5S	Sacramento Area Sewer District CS	5SSO10912	811071	Certified	Category 3	124385	Sacramento	No	30	0	10/30/2014	Root intrusion
5F	City Of Bakersfield CS	5SSO10717	809795	Certified	Category 3	Truxtun Ave and LSt, SEC	Kern	No	30	0	10/6/2014	Grease Deposition (FOG)
5S	City Of Auburn CS	5SSO10722	809899	Certified	Category 3	216 Terrace ST SSO	Placer	No	30	0	10/4/2014	Debris from Lateral
5S	Sacramento Area Sewer District CS	5SSO10912	811018	Certified	Category 3	123712	Sacramento	No	25	0	10/20/2014	Root intrusion
5S	City of Sacramento Utilities CS	5SSO10901	810431	Certified	Category 3	3846 Kern Street, Sacramento, CA	Sacramento	No	23	0	10/29/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	810971	Certified	Category 3	123202	Sacramento	No	22	0	10/5/2014	Root intrusion
5S	City Of Antioch CS	5SSO10890	810563	Certified	Category 3	618 W 7th Street	Contra Costa	No	21	0	10/6/2014	Root Intrusion
5S	Ceres CS	5SSO10721	809869	Certified	Category 3	alley behind 2916 9th st. between 9th & kay st. ceres,ca.	Stanislaus	No	20	0	10/12/2014	Grease Deposition (FOG)
5S	Davis CS	5SSO10921	809681	Certified	Category 3	426 D street Davis CA	Yolo	No	20	0	10/1/2014	CS Maintenance Caused Spill/Damage
5S	Sacramento Area Sewer District CS	5SSO10912	811010	Certified	Category 3	123667	Sacramento	No	20	0	10/20/2014	Debris-General
5R	Biggs CS	5SSO10789	809967	Certified	Category 3	488 D St.	Butte	No	20	0	10/16/2014	Debris-General
5S	Hangtown Creek CS	5SSO10965	809909	Certified	Category 3	916 Pacific Street, Placerville CA	El Dorado	No	20	0	10/6/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	5SSO10912	810982	Certified	Category 3	123260	Sacramento	No	19	0	10/14/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810989	Certified	Category 3	123407	Sacramento	No	19	0	10/14/2014	Root intrusion
5S	Dry Creek CS	5SSO10935	810729	Certified	Category 3	318 Earl	Placer	No	18	0	10/9/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811015	Certified	Category 3	123693	Sacramento	No	17	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810958	Certified	Category 3	122944	Sacramento	No	16	0	10/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811023	Certified	Category 3	123798	Sacramento	No	16	0	10/21/2014	Root intrusion
5S	City Of Folsom CS	5SSO10893	810464	Certified	Category 3	501 Sutter St	Sacramento	No	15	0	10/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811007	Certified	Category 3	123645	Sacramento	No	14	0	10/19/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810928	Certified	Category 3	122556	Sacramento	No	13	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811006	Certified	Category 3	123643	Sacramento	No	13	0	10/19/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811046	Certified	Category 3	124049	Sacramento	No	12	0	10/25/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811004	Certified	Category 3	123640	Sacramento	No	12	0	10/18/2014	Root intrusion
5S	City Of Antioch CS	5SSO10890	810841	Certified	Category 3	815 G Street	Contra Costa	No	11	0	10/23/2014	Grease Deposition (FOG)
5S	Galt CS	5SSO10951	810399	Certified	Category 3	908 C Street	Sacramento	No	10	0	10/30/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810960	Certified	Category 3	123004	Sacramento	No	10	0	10/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811065	Certified	Category 3	124264	Sacramento	No	10	0	10/29/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810957	Certified	Category 3	122938	Sacramento	No	10	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810986	Certified	Category 3	123383	Sacramento	No	10	0	10/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810952	Certified	Category 3	122889	Sacramento	No	10	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811062	Certified	Category 3	124216	Sacramento	No	10	0	10/28/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	811045	Certified	Category 3	124041	Sacramento	No	9	0	10/24/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810955	Certified	Category 3	122906	Sacramento	No	9	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811022	Certified	Category 3	123744	Sacramento	No	8	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811056	Certified	Category 3	124123	Sacramento	No	8	0	10/27/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811053	Certified	Category 3	124069	Sacramento	No	8	0	10/26/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809751	Certified	Category 3	9525 Scarboro Pl.	San Joaquin	No	7	0	10/6/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	810446	Certified	Category 3	6111 Maywood Ln.	San Joaquin	No	7	0	10/30/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810939	Certified	Category 3	122733	Sacramento	No	7	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810934	Certified	Category 3	122666	Sacramento	No	6	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810974	Certified	Category 3	123219	Sacramento	No	6	0	10/13/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	809740	Certified	Category 3	719 N Stockton St	San Joaquin	No	6	0	10/2/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	809862	Certified	Category 3	2611 Homewood Dr	San Joaquin	No	6	0	10/9/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	809868	Certified	Category 3	3003 Amherst Dr	San Joaquin	No	6	0	10/9/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810942	Certified	Category 3	122804	Sacramento	No	6	0	10/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811025	Certified	Category 3	123802	Sacramento	No	6	0	10/21/2014	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	811074	Certified	Category 3		124397	Sacramento	No	6	0	10/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811066	Certified	Category 3		124296	Sacramento	No	6	0	10/29/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811077	Certified	Category 3		124426	Sacramento	No	6	0	10/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811052	Certified	Category 3		124068	Sacramento	No	6	0	10/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811075	Certified	Category 3		124422	Sacramento	No	6	0	10/31/2014	Root intrusion
5S	Davis CS	5SSO10921	809714	Certified	Category 3	329 B street Davis CA		Yolo	No	5	0	10/2/2014	CS Maintenance Caused Spill/Damage
5S	Sacramento Area Sewer District CS	5SSO10912	810985	Certified	Category 3		123360	Sacramento	No	5	0	10/15/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	810074	Certified	Category 3	1739 Waudman Av		San Joaquin	No	5	0	10/15/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	810084	Certified	Category 3	15 N. Sierra Nevada St		San Joaquin	No	5	0	10/21/2014	Debris-General
5S	City of Woodland CS	5SSO10903	810148	Certified	Category 3	417 Johnston St		Yolo	No	5	0	10/20/2014	Root Intrusion
5S	Dry Creek CS	5SSO10935	810798	Certified	Category 3	319 Clinton		Placer	No	5	0	10/27/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810967	Certified	Category 3		123179	Sacramento	No	5	0	10/10/2014	Root intrusion
5S	City Of Folsom CS	5SSO10893	809867	Certified	Category 3	1011 Figueroa st		Sacramento	No	5	0	10/8/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810936	Certified	Category 3		122686	Sacramento	No	5	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810951	Certified	Category 3		122886	Sacramento	No	5	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810987	Certified	Category 3		123398	Sacramento	No	5	0	10/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811031	Certified	Category 3		123878	Sacramento	No	5	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811042	Certified	Category 3		124031	Sacramento	No	5	0	10/24/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	811060	Certified	Category 3		124173	Sacramento	No	5	0	10/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810921	Certified	Category 3		122472	Sacramento	No	5	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810988	Certified	Category 3		123402	Sacramento	No	5	0	10/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810995	Certified	Category 3		123498	Sacramento	No	5	0	10/17/2014	Debris from Construction
5S	Sacramento Area Sewer District CS	5SSO10912	811050	Certified	Category 3		124063	Sacramento	No	5	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811068	Certified	Category 3		124326	Sacramento	No	5	0	10/30/2014	Root intrusion
5F	City Of Bakersfield CS	5SSO10717	810086	Certified	Category 3	2301 Panama Ln		Kern	No	5	0	10/13/2014	Other (specify below)
5F	City Of Bakersfield CS	5SSO10717	810091	Certified	Category 3	6016 Chicory St		Kern	No	5	0	10/22/2014	Other (specify below)
5S	Murphys CS	5SSO11007	810012	Certified	Category 3	257 Allen. LN		Calaveras	No	5	0	10/11/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810947	Certified	Category 3		122839	Sacramento	No	5	0	10/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810981	Certified	Category 3		123255	Sacramento	No	5	0	10/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810940	Certified	Category 3		122754	Sacramento	No	4	0	10/3/2014	Root intrusion
5S	City of Stockton MUD CS	5SSO11433	809737	Certified	Category 3	246 E. Acacia St.		San Joaquin	No	4	0	10/3/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	810068	Certified	Category 3	1814 Hammertown Dr		San Joaquin	No	4	0	10/20/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810956	Certified	Category 3		122932	Sacramento	No	4	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810969	Certified	Category 3		123190	Sacramento	No	4	0	10/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810931	Certified	Category 3		122609	Sacramento	No	4	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810945	Certified	Category 3		122828	Sacramento	No	4	0	10/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810950	Certified	Category 3		122870	Sacramento	No	4	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810954	Certified	Category 3		122901	Sacramento	No	4	0	10/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811076	Certified	Category 3		124424	Sacramento	No	4	0	10/31/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810924	Certified	Category 3		122509	Sacramento	No	4	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810938	Certified	Category 3		122694	Sacramento	No	4	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810975	Certified	Category 3		123225	Sacramento	No	4	0	10/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811029	Certified	Category 3		123870	Sacramento	No	4	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811036	Certified	Category 3		123949	Sacramento	No	4	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811058	Certified	Category 3		124141	Sacramento	No	4	0	10/27/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810998	Certified	Category 3		123534	Sacramento	No	4	0	10/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811040	Certified	Category 3		124002	Sacramento	No	4	0	10/24/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810935	Certified	Category 3		122685	Sacramento	No	3	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811012	Certified	Category 3		123682	Sacramento	No	3	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811041	Certified	Category 3		124020	Sacramento	No	3	0	10/21/2014	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 Stockton MUD CS	5SSO11433	809741	Certified	Category 3	4637 Burnham Cir.	San Joaquin	No	3	0	10/5/2014	Grease Deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	809918	Certified	Category 3	2611 Homewood Dr	San Joaquin	No	3	0	10/14/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	810080	Certified	Category 3	6607 Gunton Wy	San Joaquin	No	3	0	10/21/2014	Debris-General
5S	City of Woodland CS	5SSO10903	810029	Certified	Category 3	921 Third St.	Yolo	No	3	0	10/13/2014	Root Intrusion
5S	Hangtown Creek CS	5SSO10965	810180	Certified	Category 3	639 Murtle Street, Placerville CA.	El Dorado	No	3	0	10/22/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810953	Certified	Category 3	122896	Sacramento	No	3	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810929	Certified	Category 3	122563	Sacramento	No	3	0	10/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810937	Certified	Category 3	122691	Sacramento	No	3	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810943	Certified	Category 3	122812	Sacramento	No	3	0	10/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810973	Certified	Category 3	123209	Sacramento	No	3	0	10/12/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810976	Certified	Category 3	123227	Sacramento	No	3	0	10/13/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810980	Certified	Category 3	123254	Sacramento	No	3	0	10/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810983	Certified	Category 3	123315	Sacramento	No	3	0	10/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810991	Certified	Category 3	123414	Sacramento	No	3	0	10/14/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811003	Certified	Category 3	123639	Sacramento	No	3	0	10/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811014	Certified	Category 3	123692	Sacramento	No	3	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811016	Certified	Category 3	123701	Sacramento	No	3	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811019	Certified	Category 3	123724	Sacramento	No	3	0	10/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811026	Certified	Category 3	123825	Sacramento	No	3	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811033	Certified	Category 3	123910	Sacramento	No	3	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811038	Certified	Category 3	123973	Sacramento	No	3	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811049	Certified	Category 3	124062	Sacramento	No	3	0	10/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811059	Certified	Category 3	124146	Sacramento	No	3	0	10/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811063	Certified	Category 3	124235	Sacramento	No	3	0	10/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811067	Certified	Category 3	124325	Sacramento	No	3	0	10/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811069	Certified	Category 3	124343	Sacramento	No	3	0	10/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811020	Certified	Category 3	123734	Sacramento	No	3	0	10/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810963	Certified	Category 3	123092	Sacramento	No	2	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810970	Certified	Category 3	123196	Sacramento	No	2	0	10/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810972	Certified	Category 3	123207	Sacramento	No	2	0	10/12/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810993	Certified	Category 3	123422	Sacramento	No	2	0	10/16/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811001	Certified	Category 3	123576	Sacramento	No	2	0	10/18/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	811032	Certified	Category 3	123885	Sacramento	No	2	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811043	Certified	Category 3	124037	Sacramento	No	2	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811057	Certified	Category 3	124133	Sacramento	No	2	0	10/27/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	811061	Certified	Category 3	124181	Sacramento	No	2	0	10/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811070	Certified	Category 3	124364	Sacramento	No	2	0	10/30/2014	Operator error
5S	City of Stockton MUD CS	5SSO11433	809732	Certified	Category 3	2454 S Pilgrim St	San Joaquin	No	2	0	10/2/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	809880	Certified	Category 3	2217 E Scotts Av	San Joaquin	No	2	0	10/9/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	810097	Certified	Category 3	1306 E Worth St	San Joaquin	No	2	0	10/22/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810925	Certified	Category 3	122515	Sacramento	No	2	0	10/1/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	5SSO10912	810930	Certified	Category 3	122600	Sacramento	No	2	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810932	Certified	Category 3	122629	Sacramento	No	2	0	10/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810941	Certified	Category 3	122774	Sacramento	No	2	0	10/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810946	Certified	Category 3	122838	Sacramento	No	2	0	10/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810948	Certified	Category 3	122842	Sacramento	No	2	0	10/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810961	Certified	Category 3	123023	Sacramento	No	2	0	10/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810968	Certified	Category 3	123185	Sacramento	No	2	0	10/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810977	Certified	Category 3	123233	Sacramento	No	2	0	10/13/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	810979	Certified	Category 3	123253	Sacramento	No	2	0	10/14/2014	Root intrusion

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5S	Sacramento Area Sewer District CS	5SSO10912	810997	Certified	Category 3	123521	Sacramento	No	2	0	10/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810999	Certified	Category 3	123540	Sacramento	No	2	0	10/17/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811008	Certified	Category 3	123648	Sacramento	No	2	0	10/19/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811009	Certified	Category 3	123664	Sacramento	No	2	0	10/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811024	Certified	Category 3	123800	Sacramento	No	2	0	10/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811027	Certified	Category 3	123828	Sacramento	No	2	0	10/22/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	811030	Certified	Category 3	123876	Sacramento	No	2	0	10/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811034	Certified	Category 3	123919	Sacramento	No	2	0	10/23/2014	Debris-General
5S	Sacramento Area Sewer District CS	5SSO10912	811035	Certified	Category 3	123948	Sacramento	No	2	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811037	Certified	Category 3	123966	Sacramento	No	2	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811047	Certified	Category 3	124054	Sacramento	No	2	0	10/25/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	5SSO10912	811054	Certified	Category 3	124089	Sacramento	No	2	0	10/25/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811064	Certified	Category 3	124245	Sacramento	No	2	0	10/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811072	Certified	Category 3	124389	Sacramento	No	2	0	10/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811073	Certified	Category 3	124391	Sacramento	No	2	0	10/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810922	Certified	Category 3	122492	Sacramento	No	2	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810926	Certified	Category 3	122520	Sacramento	No	2	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810933	Certified	Category 3	122663	Sacramento	No	2	0	10/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810949	Certified	Category 3	122853	Sacramento	No	2	0	10/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810964	Certified	Category 3	123126	Sacramento	No	2	0	10/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811000	Certified	Category 3	123574	Sacramento	No	2	0	10/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811002	Certified	Category 3	123627	Sacramento	No	2	0	10/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811021	Certified	Category 3	123735	Sacramento	No	2	0	10/21/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811039	Certified	Category 3	123975	Sacramento	No	2	0	10/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811044	Certified	Category 3	124040	Sacramento	No	2	0	10/24/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811055	Certified	Category 3	124093	Sacramento	No	2	0	10/26/2014	Root intrusion
5R	Redding City CS	5SSO10801	810864	Certified	Category 3	1310 Ridge Dr	Shasta	No	1	0	10/27/2014	Debris-General
5S	Dry Creek CS	5SSO10935	810066	Certified	Category 3	7040 Petersborough	Placer	No	1	0	10/13/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810962	Certified	Category 3	123064	Sacramento	No	1	0	10/5/2014	Other (specify)
5S	Sacramento Area Sewer District CS	5SSO10912	810992	Certified	Category 3	123417	Sacramento	No	1	0	10/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	810994	Certified	Category 3	123444	Sacramento	No	1	0	10/16/2014	Operator error
5S	City of Stockton MUD CS	5SSO11433	809822	Certified	Category 3	3931 James Ct Stockton Ca, 95204	San Joaquin	No	1	0	10/7/2014	Grease Deposition (FOG)
5S	City of Stockton MUD CS	5SSO11433	810037	Certified	Category 3	1873 Monte Diablo Av	San Joaquin	No	1	0	10/18/2014	Debris-General
5S	City of Stockton MUD CS	5SSO11433	810043	Certified	Category 3	1814 Hammertown Dr	San Joaquin	No	1	0	10/13/2014	Root Intrusion
5F	City Of Bakersfield CS	5SSO10717	810087	Certified	Category 3	3225 Buck Owens Blvd	Kern	No	1	0	10/21/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	5SSO10912	810923	Certified	Category 3	122503	Sacramento	No	1	0	10/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811011	Certified	Category 3	123672	Sacramento	No	1	0	10/19/2014	Root intrusion
5S	Sacramento Area Sewer District CS	5SSO10912	811051	Certified	Category 3	124065	Sacramento	No	1	0	10/26/2014	Root intrusion