

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
July 30/31, 2015

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SUCCESS STORIES

1. **Cesar E. Chavez National Monument, UST Release Case Closure, 29700 Woodford-Tehachapi Road, Keene, Kern County.** In 1990 a release of diesel fuel from a UST was discovered on the United Farm Workers (UFW) National Headquarters property, also known as Nuestra Senora Reina de la Paz (La Paz). The property is the historic UFW headquarters and final resting place of civil rights and farm labor leader Cesar Chavez. Several phases of investigation were conducted between 1991 and 2013, to delineate the extent of the release in soil, fractured bedrock and groundwater, and to assess human health risk. Approximately 1,250 cubic yards of petroleum-affected soil and decomposed bedrock were removed during 2001, prior to construction of a road next to the Chavez Memorial Garden gravesite. Diesel fuel on groundwater was removed during thirty-three remedial groundwater pumping events from 2006 through 2012. On 8 October 2012, President Barack Obama created the Cesar E. Chavez National Monument from a portion of the property that included part of the UST release area. A uniform closure letter was issued by the Central Valley Regional Water Quality Control Board on 23 February 2015.

2. **Gas-N-Save Groundwater Remediation, 1081 E. El Monte Way, Dinuba, Tulare County.** An important milestone was achieved during June 2015, when the permanent groundwater pump-and-treat remediation system was started and an improperly- constructed municipal drinking well that was pumped for interim groundwater remediation, was destroyed. A large volume of gasoline was released from the UST system at a mini market, resulting in an MTBE groundwater contaminant plume that has migrated approximately 2,000 feet from the site. Offsite assessment to complete delineation of the plume continues, which if not contained could threaten the City of Dinuba municipal wellfield. Over 2,000,000 gallons of water were treated by the interim remediation system during three years of operation. An additional 105,000 gallons have been removed from a monitoring well that will be connected to the permanent system. Three remediation systems are operated to remove gasoline constituents from soil and groundwater:
 - soil vapor extraction and air sparging, formerly operated onsite and currently operating in adjacent street right-of-ways and adjacent properties;
 - an oxygen injection barrier approximately 300 feet downgradient of the site;
 - the final pump-and-treat system in the distal portion of the contaminant plume approximately 1,000 feet downgradient of the site. Corrective action is being conducted by a consortium of petroleum companies through a settlement agreement in response to an MTBE product liability lawsuit. The permanent pump-and-treat system startup followed prolonged negotiation between the petroleum companies and the City of Dinuba.

3. **Pacific Gas and Electric Company, Todhunters Lake Natural Gas Dehydrator Station, Yolo County.** The Pacific Gas and Electric Company Todhunters Lake Dehydrator Station, located in Yolo County, formerly housed natural gas condensate production fluids tanks (aboveground), a reboiler and a contact tower. Starting in 1997, PG&E took steps to gather environmental information to either close or prioritize cleanups at all of its natural gas dehydration sites by conducting Preliminary Environmental Assessments (PEA). The source of contamination at the site was most likely from leakage of condensate. Soil and groundwater samples were collected to define the limited extent of the release vertically and laterally. Remedial action consisted of natural biodegradation, and subsequent groundwater monitoring. All groundwater monitoring wells exhibit decreasing trends with water quality objectives reached between 3 and 9 years. A 30-day public comment period preceded the No Further Action Determination. (KDA)

4. **Regal Cleaners, 1350 Churn Creek, Redding, Shasta County, Case No. SLT5R1018 (SL0608977311).** The Site operated as a full-service, on-site dry cleaning facility from 1991 to approximately 2006. Low concentrations of tetrachloroethene (PCE) were detected in groundwater samples collected during a Phase II site investigation conducted in April 2004. PCE was not detected in

any of the soil samples collected during the investigation. In August 2006 a limited site investigation was conducted, which produced inconclusive results. No actions or investigations occurred from May 2008 to October 2014. In October 2004 a limited Phase II investigation was conducted followed by an indoor air investigation in February 2015. Analytical data from these investigations indicated there was no residual soil pollution beneath the site associated with previous dry cleaning activities. The Site and surrounding area is located within and is serviced by the City of Redding public water system; there are no downgradient sensitive receptors and the October 2014 sampling results reported further attenuation of PCE concentrations in groundwater. Furthermore, air monitoring results indicate vapor intrusion of the volatile organic compounds associated with previous dry cleaning activities is not occurring at the Site. No further action is required and the case was closed in June 2015.

5. Waste Discharge of Gasoline into Honey Run Creek, Paradise, Butte County

On 20 January 2011, Town of Paradise field crews observed fuel odors in Honey Run Creek, near the corner of the Skyway and Bille Road. On 4 February 2011, the Butte County Environmental Health Division issued a public notice of environmental contamination and requested the Central Valley Regional Water Quality Control Board to assist with further investigation. Follow-up sampling and inspections indicated a gasoline source north of Bille Road with two potentially responsible parties (PRPs), the Gilbertson Family Trust and the Skyway Villa Mobile Home and RV Park. On 29 July 2011, Central Valley Water Board staff requested PRPs to provide further information. Both PRPs assured us in writing that they had no knowledge of the waste discharge. The Gilbertson Family Trust provided supporting statements from its building tenants. The Skyway Mobile Home and RV Park issued a memorandum to its tenants and employees on the safe handling of petroleum and similar materials. Based on decreasing benzene and toluene concentration trends, the gasoline waste had been actively weathering by March 2011. Since the waste discharge, we have received no further complaints of fuel odors in Honey Run Creek. Current evidence indicates that the 2011 gasoline waste discharge is no longer a nuisance, and no longer poses a significant threat to human health and the environment. No further action is required and the case was closed in June 2015.

6. Highway 32 Widening at Dead Horse Slough – Sediment Removal SLT5R1062

The City of Chico (City) plans to widen State Highway 32 at a box culvert crossing of the south fork of Dead Horse Slough (DHS). Construction will disturb sediment within the DHS channel which contains waste from the former Humboldt Road Burn Dump (HRBD). The waste contains measureable antimony, arsenic, and lead. Private parties and the City cleaned up the HRBD in 2004 and 2005 under Central Valley Water Board oversight. Based on the confirmation sampling after the cleanup, on 16 December 2005 Central Valley Water Board issued a Certificate of Completion for the property adjacent to the box culvert, allowing waste from HRBD in the DHS channel to remain in place. However, as a precautionary measure, the parties involved in the highway widening project agreed that an estimated 100 cubic yards of sediment should be removed from the channel prior to the culvert extension. The City submitted a Removal Action Work Plan (RAW) which Staff approved in a conditional concurrence letter on 25 June 2010. The City and Staff collected a total of 13 sediment samples from the ends of the culvert between January 2006 and February 2010. Test results indicated that the sampled sediments were non-hazardous for antimony and arsenic; however lead exceeded the soluble threshold limit concentration in one of the 13 samples, requiring additional analysis. Based on additional analysis staff concluded that if left undisturbed, the sediment does not present a threat to human health or the environment in its current condition. At this time it is unknown when the highway widening project will commence. Furthermore, if the highway widening project does not proceed, there is no regulatory basis for removal or further investigation of the sediment beyond the measures specified in the RAW. No further action is required and the case was closed in June 2015.

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. REDDING

Star Farms, 5313 Harris Road, Richvale, Butte County, Case No. 040275

In November 2004, two USTs were removed from a rice farm in Richvale, Butte County. The USTs were used to store fuel for farm equipment. Samples collected from the excavation showed TPHg and BTEX impacts to groundwater. In March 2005 Central Valley Water Board staff requested a Preliminary Site Assessment (PSA) to further evaluate impacts to soil and groundwater. A PSA was conducted in September 2005 which showed no impact to either soil or groundwater. However, the sensitive receptor survey showed a domestic well used by the farm is located only 5 feet from the former UST location. In April 2005, May and October 2014, water samples were collected from the domestic well. All samples were below laboratory detection limits for TPHg, BTEX and fuel oxygenates. Based on the available information, remaining contaminants at the Site do not pose a significant threat to human health and the environment. The Site was closed in June 2015.

Jiffy #1, 1408 W. Oro Dam Boulevard, Oroville, Butte County, Case No. 040230

The three former USTs at the Site were excavated and removed in October 1998. Soil samples collected during UST removal activities confirmed an unauthorized release of petroleum hydrocarbons had occurred at the Site. Subsequently monitoring wells MW-1 and MW-2 were installed in 2002 and monitoring well MW-3 was installed in 2004. Since 2002, contaminant concentrations have decreased in all monitoring wells, indicating the plume has decreased over time. The most recent results from the second quarter 2014 indicate that biodegradation is actively occurring in all site monitoring wells. Residual contaminations still exists in the vicinity of MW-1. Additional evaluation of groundwater analytical and pump test data indicate groundwater contamination is limited in extent and confined to the vicinity of MW-1. The available information indicates remaining contaminants at the Site do not pose a significant threat to human health and the environment. The Site was closed in May 2015.

b. FRESNO OFFICE

D & L Shell (AKA Westside 76), 46370 Panoche Boulevard, Firebaugh, Fresno County

Four USTs were removed in 2003 and gasoline was detected in soil. Subsequent investigations found the bulk of the release above a depth of 85 feet. There are no on-site wells and the depth to water is expected to be in excess of 400 feet. Soil vapor extraction performed between May 2013 and June 2014 removed 70,000 pounds (~12,000 gallons) of gasoline. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 21 May 2015.

Darling Oil, 11010 East Mountain View Avenue, Selma, Fresno County

A release of diesel was discovered from USTs in 2003. A groundwater investigation found trace concentrations of petroleum hydrocarbons present in groundwater. A cost analysis determined that replacing the on-site well was more cost effective than performing soil vapor extraction. The domestic well was destroyed and replaced with a new well up-gradient of the release. The release is not within the service area of a public water system and does not meet this criterion of the Low-Threat Underground Storage Tank Case Closure Policy. However, the case was closed on 20 May 2015.

Pinehurst Trading Post, 53830 Badger Road, Pinehurst, Fresno County

A water sample collected in 1984 by the Fresno County Division of Environmental Health from an on-site domestic well contained gasoline. The well was destroyed and a new well installed. The new well also contained gasoline and a well-head treatment unit was installed. Three USTs were removed in 1995. A groundwater investigation determined that the release in fractured bedrock did not extend off-site. Soil vapor extraction performed between 2009 and 2014 removed 18,700 pounds (~3,000 gallons) of gasoline. The release is not within the service area of a public water system and does not meet this criterion of the Low-Threat Underground Storage Tank Case Closure Policy. However, the case was closed on 23 April 2015.

S&K Mini Mart, 13025 East Shaw Avenue, Sanger, Fresno County

A fuel release was discovered during 2004 equipment upgrades. Subsequent investigations determined that groundwater was impacted but that the release did not extend off-site in soil or groundwater. The on-site domestic well was sampled and did not contain petroleum hydrocarbons. Soil vapor extraction performed in 2011 and 2012 removed 4,600 pounds (~740 gallons) of gasoline. Gasoline is no longer present in groundwater. The release is not within the service area of a public water system and therefore, does not meet this criterion of the Low-Threat Underground Storage Tank Case Closure Policy. However, the case was closed on 4 May 2015.

Circle K, 622 Academy Avenue, Sanger, Fresno County

Four USTs were removed in 1986 but no soil samples were obtained. In 2010 fuel dispensers and piping were removed and gasoline was detected in soil. A soil investigation performed in 2014 found petroleum impacts confined to a small area on-site. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 3 June 2015.

J's Automotive, 101 West Perkins, McFarland, Kern County

A release of gasoline from the UST system was discovered during 1994. Site investigation conducted through 2009 defined the extent of the release. Soil vapor extraction and air sparging performed between 2011 and 2013 removed 339,000 pounds (~55,000 gallons) of gasoline. Floating product had been present when groundwater monitoring ended during 2013, and low dissolved gasoline concentrations remained in groundwater less than 100 feet from the source area. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 19 May 2015.

Heinrich Shea Property, 29636 Avenue 7, Madera, Madera County

The site is currently agricultural property with a residence and shop building in rural Madera County. Two USTs were removed in January 2015 and petroleum hydrocarbons were detected in soil. Impacted soil was excavated to a depth of 14 feet and disposed off-site. Low concentrations of petroleum constituents remained. The release is not within the service area of a public water system and does not meet this criterion of the Low-Threat Underground Storage Tank Case Closure Policy. However, the case was closed on 10 June 2015.

Silvas Oil Company (Former R.E. Havens), 336 South "E" Street, Porterville, Tulare County

Two abandoned USTs were discovered during December 2012 when 600 tons of petroleum impacted soil from an AST release was removed. Diesel was detected in soil near the USTs. Investigation during 2013 and 2014 delineated the extent of petroleum impacts in shallow soil and groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 19 May 2015.

c. SACRAMENTO OFFICE

Spriggs Stationary Inc., 928 Main Street West, Merced, Merced County

In January 1989, one 500-gallon UST was removed from the property. Soil samples collected from beneath the UST contained petroleum hydrocarbons indicating a release had occurred. Soil and groundwater investigations were initiated in 1989. Spriggs Stationary and nearby Gas N Save responsible parties (RP's) collaborated to install a monitoring well network to define the petroleum pollution in groundwater. It is estimated that about 1,707 pounds (272 gallons) of gasoline were removed by soil excavation from the Spriggs site. The site meets the criteria for closure under the Low Threat Closure Policy. The site was closed 4 June 2015.

Upper Lake High School, 675 Clover Valley Road, Upper Lake, Lake County

In 1992, the Upper Lake High School District removed two underground storage tanks, discovered that an unauthorized fuel release had occurred, and excavated an unknown quantity of impacted soil. Between 2001 and 2006, the District conducted a soil and groundwater investigation, and, in 2006, injected chemical oxidants into the site subsurface to address the petroleum impacts. In 2012, the District found and removed a third underground storage tank and excavated 20 cubic yards of impacted soil. The District operated an ozone sparge remediation system at the site between 2012 and 2013.

The residual groundwater pollution is adequately defined, stable, and extends less than 100 feet downgradient. The site was closed on 30 April 2015.

Former Big “J” Gas/Sigma Gas Station, 845 East Street, Woodland, Yolo County

In 1993 petroleum hydrocarbons were detected in groundwater beneath, USTs, dispensers, and station building. The property owner conducted soil and groundwater investigations from 1993 through 2013, and remediation using ozone injection and batch extraction was conducted from 2004 through 2013. A site specific risk assessment indicated no potential threat to human health and the environment. An evaluation of concentration trends indicate that gasoline hydrocarbons in groundwater will reach their respective WQOs in a reasonable time, and water supply wells are not at risk. The site was closed on 17 April 2015.

Local Agency UST Closures with Concurrence of Board Staff**Sacramento County**

- Chevron Station #9-1743, 3481 Fair Oaks Boulevard, Sacramento

Tulare County

- Gas N Goodies, 591 North Thompson, Tipton

STAFF RECOGNITION

EMPLOYEE OF THE MONTH AWARD

APRIL 2015

REDDING

Candidate: Bill Bergman
Unit: Groundwater Unit, Redding office
Title: Engineering Geologist
Supervisor: George Low

Bill Bergman has been selected to receive the Employee Recognition Award for his contributions to the Redding office, and specifically the Groundwater Unit. Bill's case load includes a number of complex facilities spread over three regulatory programs; Underground Storage Tanks (UST), Site Cleanup (SCP), and Land Disposal.

Bill was hired by the Water Board in April 2014 and has since proven to be a valuable employee and dependable coworker. In his short time with the Water Board he has surpassed typical workload expectations and independently completed a number of site inspections and has worked to close 6 assorted UST, and SCP cases with the thoroughness and accuracy that one would expect from a more experienced employee. Additionally Bill had also independently prepared a Technical Memorandum with a detailed cost estimate in efforts of requesting Cleanup and Abatement Account funds to investigate the source and extent of PCE contamination that is impacting City of Corning drinking water wells.

Bill is positive, punctual, consistent, well organized, and thorough in his work. His work ethic, attitude, and dedication are appreciated by all. The Redding office greatly benefits from Bill's dedication and hard work in the Groundwater Unit.

REDDING OFFICE June 2014

Candidate: Trey Sherrell
Unit: Marijuana Unit
Title: Environmental Scientist
Supervisor: Angela Wilson

Trey Sherrell is an Environmental Scientist in the Board's Redding office. Trey is receiving this award for his outstanding work associated with implementation of the Water Board's Joint Agency Marijuana Pilot Program. Trey's prior work in the Forest Activities Program provided him sound knowledge applicable to the Marijuana Program. Trey has become a highly effective team player, often lending his expertise to other members of the Pilot Program including the Department of Fish and Wildlife during inspections of cultivation sites. Trey is respectful, professional, and always maintains a positive attitude. Trey has taken the lead in drafting staffs proposed conditional waiver for the regulation of wastes discharged from cannabis cultivation sites and is sensitive to all stakeholder concerns in this highly polarized and political arena. Trey's efforts have contributed greatly to the early success of the Marijuana Program. Trey is respectful, professional, and always maintains a positive attitude. He is an asset to the Redding office and the Central Valley Water Board.

Candidate: Sarah Storz
Unit: Administration
Title: Scientific Aide
Supervisor: Lauria Molitoris

Sarah is a recent addition to our administrative team in Redding's front office. She has a calm, positive attitude and a willingness to take on new tasks. Sarah is pleasant, attentive, capable and prompt. She exhibits an eye for detail, is eager to learn and has voluntarily taken on special tasks. Her professional and positive attitude combined with her willingness to work on unfamiliar tasks makes her a valuable team member and we appreciate her efforts.

It can be challenging to find administrative assistants that have the desire, personality and skills to become valuable team members. Sarah meets those criteria and has shown herself to be capable, pleasant, calm in the face of challenges, and level-headed.

FRESNO OFFICE

MAY 2015

Candidate: Patrick Barnes
Unit: AG/Planning
Title: Environmental Scientist
Supervisor: David Sholes

Patrick's thorough and professional work greatly contributes to the success of the ILRP unit, program, and to our organization.

During the month of April, Patrick performed the following:

- Conducted inspections of 49 parcels for compliance with ILRP enrollment requirements (100 parcels inspected in the previous month as well).
- Prepared 95 Notices of Applicability for growers seeking to join ILRP coalitions in the Tulare Lake Basin.
- Prepared 59 Notices of Violation for growers who did not join an ILRP coalition or otherwise address the requirements of the Irrigated Lands Regulatory Program.
- Wrote five letters to growers requesting clarification of ILRP provisions.
- Provided assistance to members of the public and stakeholders at the Board's Managed Wetlands Workshop at the San Luis Wildlife Refuge.

Patrick has been with the Central Valley Water Board for a little over a year and previously worked at the Center for Irrigation Technology at CSU-Fresno. His knowledge and experience in agriculture is a tremendous asset to the ILRP unit, and he is central to outreach and enforcement efforts for the ILRP in the Tulare Lake Basin. Patrick is resourceful and hard-working, courteous to all.

JUNE 2015

Candidate: Debra Mahnke
Unit: NPDES/Storm Water/401 Cert
Title: Water Resources Control Engineer
Supervisor: Matt Scroggins

Debra's knowledge and diligence greatly contribute to the success of the 401 Cert and Storm Water programs as well as our organization.

In addition to Debra's standard workload, she recently has:

- Transmitted for public comment a set of WDRs for a large and controversial solar project in Panoche Valley. The WDRs required a lot of coordination among various state and federal agencies.
- Drafted WDRs for a unique dredging project at Kerckhoff Reservoir. This Project is being fast-tracked for the July Board meeting and Debra produced a draft of the WDRs in less than a week.
- Taken on work related to the Industrial Storm Water Permit that was created by an extended vacancy in the unit.
- Responded to countless calls and emails related to the new Industrial Storm Water Permit that becomes effective July 1st.

Debra has taken on this additional workload with very little complaint and continues to press ahead. Overall, Debra provides timely responses and good customer service to the regulated public, often getting compliments. She can be counted on to stay on task and maintain unit organization. For her hard work and productivity,

**SACRAMENTO OFFICE
MAY 2015**

Candidate: Claire Anderson
Unit: Monitoring and Implementation (SWAMP)
Title: Scientific Aid
Supervisor: Susan Fregien

For the past five years Clair has been an invaluable part of our SWAMP team. Her duties have included field work, processing bacteria samples in our laboratory, countless hours of data entry and verification, and serving as the lead for many aspects of our bacteria monitoring program. Clair is responsible for maintaining detailed quality assurance tracking logs and has trained numerous staff on lab processing, lab safety, and data entry procedures. For several years she has also taken the lead in coordinating with and training citizen monitoring groups interested in helping with SWAMP's Safe to Swim monitoring effort. Recently Clair helped to compile and summarize seven years of Safe to Swim monitoring data—a total of almost 3,000 samples collected from 172 sites—into a project review report and seventeen watershed summary sheets. This information will be used to help share our findings and to inform future SWAMP monitoring plans.

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 Efforts – This section provides information on Central Valley Regional Board efforts that are noteworthy but may not otherwise be included in the other sections of this report.

Industrial Stormwater Permit

Central Valley Regional Water Quality Control Board (Central Valley Regional Board) Compliance and Enforcement staff have been supporting the State Water Resources Control Board (State Board) with the roll out of the [new Industrial Storm Water General Permit](#) (General Permit). The General Permit requires dischargers who were enrolled in the previous permit to recertify their enrollment in the new permit by 1 July 2015 using the State Board’s online storm water information system, SMARTS. With the switch from paper to electronic filing, the State Board’s Storm Water Help Desk (Help Desk) has been inundated with thousands of calls and emails resulting in a significant backlog. The Central Valley Region answered the State Board’s request for help by providing two staff from the Rancho Cordova office to assist in responding to the voluminous inquiries. On or around the July 1st deadline, SMARTS was overwhelmed with applicants attempting to submit their enrollments for the new General Permit in addition to submittals for existing enrollees under the previous—now expired—General Permit (97-03-DWQ). As a result, the deadline to submit new enrollments, and updates for previous enrollments, was extended to **14 August 2015**.

2) Orders Issued or Adopted – Enforcement Table 1, included below, provides a summary of all of the Enforcement Orders (Cleanup and Abatement Orders; Cease and Desist Orders; 13267 Investigative Orders; and Administrative Civil Liability Complaints and Orders) that have been issued by the Central Valley Regional Board since the previous EO Report.

Enforcement Table 1 – Region 5 Enforcement Orders (1 May 2015 through 25 June 2015)

| Action Date | Action | Agency | County | Summary |
|-------------|--|-----------------------|--------|--|
| 5/7/2015 | Administrative Civil Liability | City of Portola | Plumas | Administrative Civil Liability (ACL) Order R5-2015-0523 issued for Mandatory Minimum Penalty (MMP) violations that occurred in March and April of 2013 for \$15,000. The Discharger satisfied \$13,322 of the penalty with a compliance project (SonicSolutions ultrasonic algae control system). |
| 5/13/2015 | Water Code Section 13267 Investigative Order | Lawrence Gasper | Shasta | Notice of Violaion (NOV) citing Water Code Section 13267 and notifying dicharger that they are out of compliance with previous 13267 letter issued on 13 March 2015. The 13 May 2015 NOV provided an additional 30 days for the discharger to provide a plan to mitigate the threat of discharge for their facility. |
| 5/15/2015 | ACL | Jason and Jared Smith | Tulare | Settlement Agreement and Stipluated Order No. R5-20154-0526 in the amount of \$6,006 for failure to file 2013 Annual Report required under the Dairy General Order. |

Enforcement Table 1 (cont.)

| Action | | | | | |
|-----------|--|---|------------|---|--|
| Date | Action | Agency | County | Summary | |
| 6/4/2015 | ACL | A Greener Globe, Inc. | Placer | ACL Order R5-2015-0064 was adopted by the Central Valley Regional Water Quality Control Board (Central Valley Regional Board) following a hearing on 4 June 2015 and in the amount of \$677,531 for failure to submit complete technical reports as required by Waste Discharge Requirements (WDR) Order R5-2011-0048. | |
| 6/4/2015 | Cleanup and Abatement Order | E&B Natural Resources Management Corporation | Kern | Following a hearing, the Central Valley Regional Board adopted Cleanup and Abatement Order (CAO) R5-2015-0066 to address ponded wastewater associated with petroleum production. | |
| 6/10/2015 | Water Code Section 13267 Investigative Order | Sacramento Rendering Companies | Sacramento | 13267 Order issued to discharger to address potential discharges of waste constituents in storm water runoff from land application areas. | |
| 6/11/2015 | ACL | San Andreas Sanitary District | Calaveras | ACL Order R5-2015-0527 issued in the amount of \$6,000, which represents the sum of the statutory MMPs for effluent limit violations that occurred between 1 May 2010 through 31 December 2013. The Order suspends the entire \$6,000 penalty upon completion of a Compliance Project. | |
| 6/11/2015 | ACL | Placer County Department of Facility Services | Placer | ACL Order R5-2015-0528 issued in the amount of \$18,000 represents the sum of the statutory MMPs for effluent limit violations that occurred between 1 March 2014 through 31 December 2014. The Order suspends \$16,500 of the penalty amount pending completion of a Supplemental Environmental Project (SEP) pursuant to California Water Code section 13385(l). The remaining \$1,500 must be paid to the State Water Pollution Cleanup and Abatement Account. | |
| 6/11/2015 | ACL | City of Colfax | Placer | ACL Order R5-2015-0529 issued in the amount of \$12,000 represents the sum of the statutory MMPs for effluent limit violations which occurred between 1 January 2014 and 31 December 2014. The Order suspends the \$12,000 penalty upon completion of two compliance projects, which consist of constructing a permanent ultraviolet disinfection system enclosure and a mixer conversion project to reduce ammonia in the discharge. | |

3) Enforcement Update – Enforcement Table 2, included below, summarizes the enforcement actions issued in all the Regions since the last EO Report (1 May 2015 through 25 June 2015). From a statewide perspective, Region 5 was responsible for approximately 28% of all the enforcement actions tracked in CIWQS during this period including 78% of all NOV's, and 35% of all ACL's.

| Region/ Office | Enforcement Actions | | | | | | | | | | | Total |
|-------------------|---------------------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|----------|-----------|------------|
| | VER | SEL | NOV | NTC | NNC | 13267 | EPL | TSO | CAO | CDO | ACL | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 7 |
| 3 | 6 | 0 | 6 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 4 | 19 |
| 4 | 0 | 4 | 8 | 3 | 59 | 10 | 13 | 2 | 0 | 1 | 3 | 103 |
| 5F | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 19 |
| 5R | 2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 7 |
| 5S | 1 | 3 | 40 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 4 | 58 |
| 6T | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 6V | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 7 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 8 | 15 | 10 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 9 | 4 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 |
| Total | 35 | 63 | 77 | 3 | 69 | 13 | 15 | 2 | 2 | 2 | 17 | 298 |

Enforcement Actions:

VER = Verbal Communication

SEL = Staff Enforcement Letter

NOV = Notice of Violation

EPL = Expedited Payment Letter

NTC = Notice to Comply

NNC = Notice of Non-Compliance (Stormwater)

13267 = Water Code Section 13267 Investigative Letter/Order

CAO = Cleanup and Abatement Order

TSO = Time Schedule Order

CDO = Cease and Desist Order

ACL = Administrative Civil Liability

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.

| Region 5 Performance Measurement Summary from 1 July 2014 to 25 June 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 | 9 | 113% | n/a | n/a | |
| Major Individual Facilities Inspected | 22 | 24 | 109% | n/a | 27 | |
| Minor Individual Permits Issued, Revised and Renewed | 16 | 15 | 94% | n/a | n/a | One permit that was scheduled to be renewed was rescinded. |
| Minor Individual Facilities Inspected | 10 | 23 | 230% | n/a | 27 | The additional inspections represent unscheduled inspections of Cleanup sites with NPDES permits and responses to complaints. |
| 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 | 27 | 84% | 27 | n/a | The WDR program experienced unanticipated staffing losses resulting in the lower revised target. |
| Municipal Waste, Industrial Waste, and All Other Facilities - Facilities Inspected | 130 | 153 | 109% | 141 | 160 | Target revised up to 141 to be consistent with FY 2014-15 Work Plan projection. The percent complete calculation reflects this change. Numbers do not include Oil and Gas Extraction sites that are counted in the Land Disposal Program Inspections. |
| Land Disposal | | | | | | |
| Landfills Permits Issued, Revised and Renewed | 9 | 8 | 100% | 8 | n/a | One Landfill WDR was amended, not adopted, and is not counted towards the Performance Metric. Accordingly, the percent complete column refers to the revised target. |
| Landfill Facilities Inspected | 83 | 93 | 112% | n/a | 150 | |
| All Other Permits Issued, Revised and Renewed | 7 | 6 | 86% | n/a | n/a | One WDR that was targeted for this ("All Other") category is being counted in the traditional Landfill category due to the nature of the wastes. Additionally, in subsequent fiscal year projections, WDRs for Mining sites will have their own category. |
| All Other Inspections | 52 | 38 | 73% | n/a | 43 | "Other" inspections include: mines, oil fields, and other (e.g., "Olive Company surface impoundment"). Not accounted for here are 167 inspections of Oil Fields that are, as yet, not associated with any WDR or Waiver (i.e., "unregulated" facility inspections). Per State Board Business Rules, facility inspections must be associated with an Order to count towards a Performance Metric. Nevertheless, the efforts of the Oil Field program field staff are worth noting. |
| NPDES Storm Water | | | | | | |
| Stormwater Construction Facilities Inspected | 289 | 348 | 120% | n/a | 520 | Additional inspections were conducted to accommodate permittees' requests for enrollment terminations and in response to complaints. |
| Stormwater Industrial Facilities Inspected | 195 | 208 | 107% | n/a | 227 | |
| Stormwater Municipal Facilities Inspected | 0 | 0 | N/A | n/a | 0 | |
| Other Programs | | | | | | |
| Timber Harvest Inspections | 160 | 169 | 117% | 166 | 194 | The Performance Metric for the Timber Harvest Program counts the number of inspections, not the facilities inspected. This number, along with the revised target, is used to determine the percent complete. |
| Confined Animal Facility Facilities Inspected (Dairies) | 320 | 319 | 100% | n/a | 371 | |
| Clean Up | | | | | | |
| New DoD Sites Into Active Remediation | 56 | 43 | 77% | n/a | n/a | The target was developed based on projections by USEPA. Project delays resulted in 13 sites not implementing their remediation during the 14-15 fiscal year. |
| New SCP Sites Into Active Remediation | 80 | 36 | 45% | n/a | n/a | 48 sites will go into remediation pending finalization of Aerojet Operable Unit #6 Record of Decision. |
| Cleanup Program Sites Closed | 42 | 47 | 112% | n/a | n/a | |
| New UST Sites Into Active Remediation | 59 | 64 | 108% | n/a | n/a | |
| Underground Storage Tank Sites Closed | 103 | 105 | 102% | n/a | n/a | |
| * Actuals: Number of facilities inspected or permits issued. | | | | | | |
| ** Total #: Number of inspections completed including all reinspections. | | | | | | |

SANITARY SEWER OVERFLOWS AND 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 in March/April 2015 reporting period.

City of Sanger

On 17 April 2015, Central Valley Water Board staff discovered an SSO database report of an 11 April 2015 spill at the City of Sanger Wastewater Treatment Facility (WWTF). Approximately 70,000 gallons of raw sewage spilled over a one-hour period on 11 April 2015. The spill resulted from a bar screen failure which caused debris to block flow through the headworks, causing sewage to backing up and overflow from a manhole just upstream of the headworks. Water Board staff responded with an inspection. The spill, which was contained entirely on the WWTF property, flowed across asphalt and rock covered area into an unlined storm water pond where all 70,000 gallons of sewage percolated into the ground. A Notice of Violation is pending.

For this reporting period, there were **9** Category 1, **6** Category 2, and **304** Category 3 spills reported. Relevant data from all of the spills occurring during this reporting period is included as **Attachment A**.

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*).

SPILLS, LEAKS, COMPLAINTS AND OTHER WATER QUALITY THREATS OR IMPACTS

CalEPA 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 (CalEPA) Environmental Complaint Form (http://www.dtsc.ca.gov/database/CalEPA_Complaint/). From the beginning of the Fiscal Year (1 July 2014) through 25 June 2015 the Central Valley Regional Water Board has received **147** complaints related to water quality from Cal/EPA, of which **123 (84%)** have been investigated and closed or referred to another agency. Investigations for the remaining **24** complaints remain ongoing.

Cheese Waste Dumping, Kings County

On 21 April 2015, Central Valley Water Board staff completed a joint inspection with Kings County Environmental Health (County) and the California Department of Fish & Wildlife (CDFW) in response to an anonymous complaint of illegal dumping in rural Kings County, southwest of Lemoore. Recent dumping of very odorous liquid and semi-solid cheese waste to an ephemeral remnant slough was observed on two undeveloped parcels within a low-lying alkaline soil environment surrounded by tile-drained agriculture due to shallow poor-quality groundwater. Evidence of past dumping of numerous loads of similar materials, along with green waste and asphalt/concrete debris, was observed. Neither the Central Valley Water Board nor the County has issued permits for dumping or waste disposal on these parcels. Two days later, CDFW follow-up surveillance caught a tanker in the act of discharging waste at the site. The driver acknowledged responsibility for the prior observed dumping of cheese waste, identified the source of the waste material (a local cheese manufacturing plant), provided analytical data for the waste type discharged, and stated the material was discharged for a land reclamation project.

Staff at the Central Valley Regional Water Board and State Water Resources Control Board has continued in a coordinated effort with County and CDFW officials and a Deputy District Attorney (Circuit Prosecutor), to complete fact-finding. These efforts have included: gathering details of the nature of the waste materials (very

high in salt, including nitrates); determining the extent of dumping at this location; determining the whether the cheese company may have been improperly disposed at other locations; and determining what agreements existed under which transportation and disposal of the wastes occurred. CDFW has determined it has no habitat or sensitive species concerns at the dumping location and is not pursuing enforcement. However, a CDFW Warden remains engaged to assist with interviewing involved parties. Staff is considering appropriate enforcement options, including coordinated enforcement with the other engaged agencies.

DELTA ACTIVITIES

1. **San Francisco Estuary Partnership (SFEP).**

On 29 May, Diane Beaulaurier attended a meeting of the San Francisco Estuary Partnership (SFEP). SFEP is updating its Comprehensive Conservation Management Plan (CCMP) to be more inclusive of Delta issues and 5-year priorities. A draft CCMP will be released coinciding with the State of the Estuary Conference in September, and a Final CCMP will be released in spring 2016.

2. **Delta Methylmercury Control Program**

The Delta mercury TMDL Phase 1 (2011 – 2018) requires that responsible entities participate in studies of methylmercury in the Yolo Bypass and Delta. Studies in progress include monitoring (methylmercury in irrigated field drainage and tidal wetlands), management practice testing (methylmercury control by municipal waste water treatment, storm water systems, and polishing ponds), and modeling. Mid-term reports for all studies are due to the Central Valley Water Board in October 2015.

3. **Delta Mercury Exposure Reduction Program**

The Delta Mercury Exposure Reduction Program (MERP) is a collaborative effort supported by the Central Valley Water Board, California Department of Public Health, the Delta Conservancy, the Office of Environmental Health Hazard Assessment, and Delta dischargers. The goal of the Delta MERP is to protect public health by reducing exposure to mercury in fish caught in the Delta. To reach this goal, Delta MERP has a multi-pronged approach of developing and distributing educational materials, developing and posting signs at fishing locations, sharing information through community stakeholder meetings, providing trainings, and supporting programs already operating in the Delta and community organizations to educate about fish contaminations. Major work is expected to be completed by June 2017. A small grant program funded by MERP is providing assistance to three community organizations: the California Indian Environmental Alliance, Asian Pacific Self-Development and Residential Association, and Lao Khmu Association. At the quarterly community stakeholder meeting on 20 May, the three grantee organizations described their communities and proposed mercury exposure reduction outreach. The next quarterly community stakeholder meeting is scheduled for 30 September, 2015.

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

On 27 May and 15 June, Tessa Fojut participated in Delta RMP Technical Advisory Committee meetings. At its 16 June meeting, the Delta RMP Steering Committee officially approved the overall monitoring design for monitoring in the Delta. The design includes pathogen monitoring, current use pesticides and toxicity monitoring, and nutrient analysis. Also at the June meeting, the Aquatic Science Center (ASC) staff discussed the budget and the status of funding commitments from Delta stakeholders and the Steering Committee reviewed the preliminary FY 15/16 workplan and budget.

The use of *Hyalella* in the four-species water toxicity testing has been delayed pending the completion of an independently funded inter-laboratory comparability study conducted by Southern California Coastal Water Research Project (SCCWRP). The study will consist of two rounds of analysis, the first will be in May and the second in fall of 2015. Many Delta stakeholders have concerns about how *Hyalella* toxicity data will be interpreted and used to evaluate pyrethroid toxicity. While waiting for the *Hyalella* issues to be resolved, the RMP will use the three-species test.

At its May meeting, the Technical Advisory Committee (TAC) formed a Toxicity Identification Evaluation (TIE) subcommittee. This subcommittee is developing criteria for TIE triggers. Also, the TAC reviewed responses to the draft Quality Assurance Program Plan developed by ASC for the Delta RMP. The SWAMP-funded portion of the QAPP is currently under preliminary review by State Board.

Staff is continually working to increase participation in the RMP. Six wastewater treatment plants (WWTPs) in the Delta have committed to provide annual funding to the RMP and have received Executive Officer approval to reduce their individual receiving water monitoring. Two more WWTPs have recently submitted proposals for Delta RMP participation that are currently under review. In addition, three other WWTPs are contributing funding to the Delta RMP but do not plan to reduce their monitoring. Staff plans to contact WWTPs that are outside the Delta boundary but still have a hydrologic connection to the Delta to solicit their participation in the RMP.

The Board has received and approved requests for eight small storm water agencies (Phase II Small MS4s) to participate in the Delta RMP. Staff intends to send a letter to additional Phase II Small MS4s that are within a secondary zone of distance from the Delta to clarify monitoring requirements and also solicit for RMP participation. In April and June, several of the Phase I Large MS4 permits were amended to allow participation in the Delta RMP. Staff is working with the Phase I agencies to evaluate options for their participation in and funding of the RMP.

In late May the Co-chairs of the Delta RMP Steering Committee met with four Irrigated Lands Coalitions that are in or adjacent to the Delta to further discuss opportunities for in-kind participation in the Delta RMP. Four Coalitions' permits have been amended to allow participation in the RMP. Staff is coordinating with the Coalitions on sampling locations and parameters.

5. **Delta Nutrient Research Plan**

The 2014 Delta Strategic Work Plan calls for the development of a Nutrient Research Plan to determine whether long-term changes in nutrient loads might contribute to several water quality problems present in the Delta today and whether nutrient water quality objectives might be required in the future. A Stakeholder Advisory and Technical Group (STAG) has been formed and a draft Charter written. Science Work Groups (SWG) is being formed to provide advice on potential nutrient related water quality problems. The SWGs are composed of local experts on each issue. The progress of each group is summarized below.

- The Cyanobacteria SWG has held two meetings. At the first meeting Dr. Mine Berg presented her white paper findings and received comments from the SWG and STAG. At the second meeting the SWG reviewed how Dr. Berg had addressed their comments and, after discussion, agreed to accept the draft white paper as an accurate assessment of the state of knowledge about cyanobacteria in the Delta. The SWG is now preparing a brief document summarizing key information gaps that will need to be addressed before it can be determined whether nutrient management might reduce the severity of the cyanobacteria problem in the Delta. This will be the final product of this SWG.
- A macrophyte SWG has been formed and a first meeting held to review and provide comments on the white paper written by Dr. Kathy Boyer. Dr. Boyer is now addressing these comments and will present a revised white paper to the SWG on 23 July. The SWG will determine at that meeting whether all the comments have been satisfactorily addressed and whether the white paper can be accepted as an accurate assessment of the state of knowledge about macrophytes in the Delta. The SWG will also begin preparing a brief document summarizing key information gaps that will need to be answered before it can be determined whether nutrient management might reduce the severity of the macrophyte problem in the Delta.
- A Modeling SWG has been formed and the first meeting was held on 24 June to solicit information for the white paper which is being written by Phil Trowbridge, San Francisco Estuary Institute. Two additional meetings will be held this summer to review and provide comments on the white paper which should be completed by late fall.
- Staff from the San Francisco and Central Valley Regional Water Quality Control Boards has similar concerns about the effect of elevated ammonium concentrations and shifts in nitrogen to phosphorus ratios on algal abundance and algal species composition. The Steering Committee for the San Francisco Bay Nutrient Management Group voted on 12 June to hold a joint workshop with the Central Valley Water Board this fall. A white paper will be written summarizing the findings of the workshop and recommending (if necessary) follow up research.

Finally, a STAG meeting has been scheduled for 13 July 2015. Purpose of the meeting will be to finalize the Charter, receive updates on SWG products and conclusions, and solicit advice on how the process can be improved.

TMDL BASIN PLANNING

- 1. The 2012 Integrated Report** was approved by the State Water Board on 8 April 2015. As prescribed in State Board's 2015 Amendment to the Listing Policy, the 2012 Integrated Report included assessments and listing recommendations based upon new data from the North Coast, Lahontan, and Colorado River Regions. USEPA approval is anticipated in August. Full approval by USEPA of the 2012 Integrated Report is required before additional updates from the remaining Regions in California can move forward. The next Integrated Report update will include the Central Valley Region along with the Central Coast and San Diego Regions. The Central Valley Integrated Report is currently scheduled to be brought before the Board in 2016. It is expected that the new Integrated Reporting process adopted this year will lead to timelier submittals of the Integrated Report in the future.
- 2. Variance Policy and Salinity Variance/Exception Programs**
On 19 June, the Office of Administrative Law (OAL) approved the amendments to both Central Valley Basin Plans to add policies for variances from surface water quality standards for point source dischargers and the salinity variance and exception programs. These amendments were adopted by the Central Valley Water Board in June 2014 under Resolution R5-2014-0074. Prior to OAL action, the Executive Officer exercised her authority to make minor, non-substantive corrections to the amendments for clarity and consistency. The amendments must be approved by the U. S. Environmental Protection Agency before becoming effective.
- 3. Diazinon and Chlorpyrifos Basin Plan Amendment**
On 16 June, the State Water Resources Control Board approved the Central Valley Water Board's Basin Plan Amendment for the Control of Diazinon and Chlorpyrifos Discharges. The State Board resolution was adopted without discussion. Before becoming fully effective, this amendment must be approved by the Office of Administrative Law and USEPA. This State Water Resources Control Board's agenda item, including links to comments received and responses, is available at: http://www.waterboards.ca.gov/board_info/agendas/2015/jun/06161715_second_rev_agenda.pdf

Background information about this Basin Plan Amendment is available at: http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/index.shtml
- 4. Chlorpyrifos Restricted Material Designation Finalized**
In May 2015, Department of Pesticide Regulation's designation of chlorpyrifos as a state-restricted material was finalized, effective 1 July 2015. This designation increases requirements for the permits needed to apply chlorpyrifos and increases DPR/County Agricultural Commissioners' regulatory oversight of chlorpyrifos applications. This increased oversight is expected to help address chlorpyrifos water quality issues. Central Valley Water Board staff coordinated with other Regions and the State Board in preparing comments supportive of this designation.

More information on the proposed DPR action is available at: <http://www.cdpr.ca.gov/docs/legbills/rulepkgs/14-002/14-002.htm>
- 5. US EPA's New Clean Water Act 303(d) Vision**
On 23 June, staff met with representatives from the State Water Board and USEPA Region 9's Water Quality Assessment, Watersheds and NPDES Permits Sections to discuss USEPA's new long-term vision for assessment, restoration and protection for the TMDL program (Vision). The Vision focuses on prioritizing efforts that will provide measureable water quality improvements rather than development of administrative pollutant load allocations in individual water bodies on a pollutant by pollutant basis. The goal is to provide states flexibility to determine the best way to reach water quality improvement, whether through a TMDL or an alternative method (e.g. watershed plan, permitting action, etc.) and not mandate traditional measures of performance (number of TMDLs developed and number of water body/pollutant combinations address). Success will be tracked based on catchment (approximate one square mile sub-basin) areas addressed. USEPA is asking each Regional Water Board to develop priority goals that will be tracked from 2016 through 2022. The priorities should focus on achieving or

maintaining water quality standards so may include restoration and protection activities. Coordination between Non-point Source and TMDL Program priorities is highly encouraged. The new Vision supports the approach that the Central Valley Water Board has taken in the past in addressing major water quality concerns rather than multiple smaller projects. Staff will work with staff from the State Board and USEPA as priorities are developed.

DAIRIES

1. Enforcement

Staff is in the process of prioritizing compliance and enforcement activities towards dairies with dischargers that are outstanding Nutrient Management Plan and/or Waste Management Plan compliance issues. Staff intends to pursue formal enforcement against dairies with the highest threat of harm to the environment. Options to be considered for formal enforcement include issuance of Water Code section 13267 Orders, Cleanup and Abatement Orders, Cease and Desist Orders, or pre-filing letters in anticipation of Assessment of Civil Liability Complaints.

2. Inspections

Staff has completed 369 dairy inspections for FY 2014/15. This is consistent with the target performance goal of inspecting each dairy certified by the California Dairy Quality Assurance Program once every five years, and non-certified dairies once every three years.

OIL FIELDS

1. **Waste Water Surface Pond**

Central Valley Water Board staff continues to address issues associated with unlined surface ponds used to dispose of oil field wastewater. Section 13267 orders were issued to operators of active ponds to require submission of analytical data for produced water waste constituents including general minerals (major cations and anions), total dissolved solids, metals, radionuclides, organic compounds (such as polynuclear aromatic hydrocarbons, benzene, toluene, ethylbenzene, and xylenes), and others (such as boron, lithium, and strontium). Staff is compiling the data that has been submitted and has posted much of it to the Central Valley Water Board's internet site on the Oil Fields page

Staff is drafting enforcement orders for those facilities that are not covered by waste discharge requirements or where the current waste discharge requirements need to be updated. Staff has drafted 35 cleanup and abatement orders (CAOs) that should be issued by mid-July. Staff anticipates finalizing approximately 95 CAOs by December.

Central Valley Water Board staff has also convened an expert food safety panel to examine whether recycling of oil field produced water on food crops represents a threat to public health and safety. The first meeting was held on 15 June. Staff provided the panel available produced water data on 3 July.

2. **UIC Program**

Staff has also issued 13267 orders to operators of injection wells into zones that may not have been properly designated as exempt aquifers under the federal Safe Drinking Water Act. These orders require characterization of the wastewater being injected and characterization of the groundwater and any nearby vulnerable water supply wells. Staff is reviewing the characterization work plans that have been received.

SITE CLEANUP

1. **OLAM West Coast, Inc., Firebaugh, Fresno County**

Initial investigations at the site indicate that past operations and practices associated with historic onsite aboveground storage tanks resulted in underlying soil and groundwater contamination with petroleum hydrocarbons as diesel (TPH-d). The discharger has proposed to perform an in-situ oxidation/reduction remediation pilot study in the defined onsite source area. A Notice of Intent for the proposed pilot study for coverage under General Order R5-2015-0012, *In-Situ Remediation and Discharge of Treated Groundwater to Land* has been submitted by the Discharger. A draft Notice of Applicability was issued and the 30-day public comment period ended on 19 June 2015. Staff has issued the finalized Notice of Applicability for the proposed pilot study.

2. **Van Waters & Rogers, 1152 G Street, Fresno, Fresno County**

Tetrachloroethylene (perchloroethylene or PCE) has degraded groundwater in the vicinity of the site from releases from a former aboveground storage tank. Assessments have been conducted to delineate the extent of impacts to soil and groundwater. A soil vapor extraction system is currently operating to remove the source of PCE in soil. A Notice of Applicability for General Order R5-2015-0012, *In-Situ Remediation and Discharge of Treated Groundwater to Land*, was issued to Univar, the responsible party, on 7 May 2015. Univar completed installation of injection wells at the site during Spring 2015. The first round of injection of potassium permanganate to remediate degraded groundwater was completed during June 2015. Nearby monitoring wells will be frequently monitored to assess the effects of the injection. Site specific waste discharge requirements are currently being prepared to cover remediation of the groundwater plume downgradient of the site.

SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee policy discussion in May focused on a strawman proposal to consider potential revisions to water quality objectives for secondary MCLs. The meeting also included a presentation on the Phase 3 Implementation Summary of the Strategic Salt Accumulation Land and Transport Study (SSALTS) project to receive input on specific actions and milestones for interim-period implementation measures (from approval of the Salt and Nitrate Management Plan (SNMP) to reaching sustainability). To continue to meet workplan commitments for the development of a SNMP for the Central Valley Region the number of policy meetings has increased beginning with the June meeting which was held over two days. The first day focused on development specifications and required elements to establish a local groundwater management zone. Day two focused on a technical presentation on the methodologies for determining ambient groundwater quality, trends, assimilative capacity, and best quality attained since 1968. The technical presentation was provided to identify areas where policy decisions are needed to complete the technical work, such as defining the “shallow” part of the aquifer system and the “production zone”, and how areas with limited data outside the Central Valley floor should be handled. The schedule with discussion topics for future meetings can be found

at: <http://www.cvsalinity.org/index.php/docs/agendas-notes-and-materials/meeting-materials/3012-snpm-2015-development-schedule-revised.html>

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 CV-SALTS Lower San Joaquin River (LSJR) Committee is progressing in its efforts to compile the technical information necessary to support a Basin Plan Amendment for salinity water quality objectives for the stretch of river between the Merced River and Vernalis. During May and June, the committee focused on refining their preferred project alternative for establishing the appropriate water quality objective and implementation program. Refinement included the development of an “extended dry period” policy to address water quality objectives during dry periods lasting 3 years or more. Draft technical reports on the economic analyses and monitoring and surveillance components of the project were made available to committee members in May for comments, with final reports due at the end of July. The LSJR Committee is scheduled to complete technical work and environmental review by the end of 2015 which in turn will be utilized by Board staff to develop a Basin Plan Amendment for Board consideration in 2016.

2. **CV-SALTS Meeting Participation**

On 1 May, Jeanne Chilcott, Glenn Meeks, and Pam Buford attended the CV-SALTS Executive Committee Administrative meeting which focused on finalize increased meeting schedule, and status reports on technical projects.

On 20 May, Jeanne Chilcott, Glenn Meeks, and Pam Buford met with CV-SALTS contract representative, Joe McGahan, and key technical subcontractors to identify remaining technical projects and potential schedule.

On 21 May, Pamela Creedon, Karl Longley, Clay Rodgers, Jeanne Chilcott, Glenn Meeks, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on appropriate application of secondary MCLs for the protection of the municipal and domestic supply beneficial use.

On 11 June, Pamela Creedon, Karl Longley, Adam Laputz and Jeanne Chilcott participated in a discussion with members of the California Urban Water Agencies and CV-SALTS to discuss policy surrounding the application of secondary MCLs to protect municipal and domestic beneficial uses.

On 17 June, Anne Littlejohn and Jeanne Chilcott participated in a LSJR Committee subgroup meeting to discuss implementation alternatives for municipalities to meet proposed salinity water quality objectives.

On 17 & 18 June, Pamela Creedon, Karl Longley, Clay Rodgers, Jeanne Chilcott, Glenn Meeks, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on management zone specifications and policies surrounding the development of groundwater ambient concentrations and assimilative capacity.

On 24 June, Jeanne Chilcott and Glenn Meeks participated in the CV-SALTS Technical Advisory Committee meeting, which focused on the draft Nitrate Implementation Measures scope of work, and status reports on CV-SALTS projects and contracts.

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

Monthly staff meetings with representatives of the USBR were held on 18 May and 22 June. During the meetings, implementation of the 2015 Work Plan and scheduled development of the 2016 Work Plan, both components of the revised MAA approved by the Board on 4 December 2014, were discussed. In addition, there were updates provided regarding the group being formed to implement the Board-approved RTMP. Joe McGahan, representing the Westside San Joaquin River Watershed Coalition indicated that a meeting of the entities that have signed the Memorandum of Understanding (MOU) had not yet taken place due to scheduling conflicts, but will be scheduled after July 2015.

The technical research team had continued discussions on the performance and continued development of the WARMF Forecast Tool for salinity in the Lower San Joaquin River, including the eventual transfer of the tool to the RTMP group.

On 4 May, USBR released its draft 2016 Work Plan to Central Valley Water Board staff. The Work Plan was posted on the Central Valley Water Board website for a 30-day public comment period. USBR will respond to any comments and provide the Central Valley Water Board a final Work Plan on 1 July 2015.

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.

The Central Valley Water Board adopted the 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 at the April 2015 Board Meeting in Fresno. The next step in the Basin Planning approval process is a hearing at the State Water Resources Control Board, which is expected to be on 18 August 2015.

The region-wide MUN evaluation in Ag dominated water bodies Basin Plan Amendment was presented as a workshop item at the April 2015 Board meeting. At the April workshop, Board staff provided the Board with information regarding the development of the Proposed Amendment, including the preliminary alternatives currently under consideration. The Board requested additional information regarding a LIMITED-MUN beneficial use that could replace the MUN use where the Board found that the MUN beneficial use designation was not appropriate. Board staff will be discussing the various LIMITED-MUN beneficial use options as an informational item during the Board's 30/31 July 2015 meeting in Rancho Cordova.

Meeting Participation

On 3 June, Anne Littlejohn, Cindy Au Yeung, Jeanne Chilcott, Patrick Pulupa and True Khang attended a stakeholder meeting in Rancho Cordova. The meeting focused on the development of the LIMITED-MUN beneficial use designation.

More information on the project can be found at:

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

5. **Evaluation of Municipal and Domestic Supply (MUN) and Agricultural Supply (AGR) Beneficial Uses in a Portion of Historical Tulare Lakebed Groundwater**

CV-SALTS has identified the need to evaluate beneficial use designations as part of the development of solutions to the salt problem in the Central Valley Region. The Tulare Lake Basin Plan may currently designate portions of the groundwater as supporting beneficial uses that have not been historically supported and/or are not currently supported.

On 14 April, a Public Workshop and CEQA Scoping Meeting was held to solicit public input on the evaluation of the MUN and AGR beneficial uses and potential basin plan amendment based on the evaluation. A presentation described how the Central Valley Water Board currently protects the Tulare Lakebed groundwater for full MUN (including drinking water) and AGR (including salt sensitive crops) use which may in the future restrict the ability of agriculture to farm in the basin if it is found that practices cause discharges to exceed water quality objectives in groundwater. This amendment process is to evaluate which uses do apply within a portion of the groundwater basin and protect them to an appropriate level given the multiple competing uses on the water body in question. Potential basin plan amendment alternatives were provided to stimulate discussion and generate input from stakeholders. Comments on the initial CEQA Scoping Meeting materials were due on 30 April.

Next steps will be to review and consider public comments, available data, and refine alternatives as necessary, then begin developing the draft staff report for public review in late summer 2015.

Meeting Participation

On 14 April, Pam Buford and Jeanne Chilcott participated in the Public Workshop and CEQA Scoping Meeting in Corcoran for the Evaluation of MUN and AGR Beneficial Uses in a portion of the Historical Tulare Lakebed Groundwater.

More information on the project can be found at:

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

GROUND WATER STRATEGY

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

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. Since that time the State Water Board has put the Groundwater Workplan on hold due to increased efforts to address the drought. Following direction from Executive Management Central Valley Water Board staff is in the initial stages of preparing to update the Groundwater Quality Protection Strategy for the Central Valley Region more information will be provided in the next EO report.

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. Efforts continue to encourage Regional Water Management Groups outreach to Disadvantaged Communities with distribution of a factsheet to provide information on Supplemental Environmental Project funding sources that may be available for IRWM plan projects that benefit disadvantaged communities. The factsheet is available at:

http://www.waterboards.ca.gov/centralvalley/water_issues/enforcement/sep_apr2015_fact_sheet.pdf The final round of Prop 84 funding for implementation projects is currently being solicited and staff have been working closely with IRWM groups on project selection and development. 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. Staff has reviewed and evaluated county well ordinances. Personnel at county agencies (health departments) have been contacted to determine the specific methods currently used to oversee and enforce well standards. Staff is now completing a report that summarizes those tools and methods of well standards enforcement and addresses potential issues with some of the current 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 address comments after internal review. This project has been delayed because of complexities in trying to meld requirements from both the Irrigated Lands Regulatory Program and Confined Animal Facility Program. Both these programs have overlapping goals and similar requirements. Therefore, it is important that we create an order that is not duplicative or incompatible with either program. A public review and comment period for the draft General Order for Bovine Feedlots is expected within the next two to three months.

Drafting of the General Order for Poultry facilities has begun. It is anticipated that an initial draft of the General Order will be available for public review and comment by Fall 2015.

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. ILRP staff is coordinating with CDFA on the nitrogen management certificate training program for Certified Crop Advisors and on the development of a self-certification program for growers. Staff will also coordinate with CDFA as the State Water Board responds to the Expert Panel recommendations. CDFA is participating in the Nitrogen Management Plan Technical Advisory Work Group to develop a crop nitrogen knowledge gap study plan for the agricultural water quality coalitions.

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. Since 1 July 2013, the site cleanup backlog has been reduced from about 600 sites to 500 sites. This represents a 16% reduction, exceeding the work plan commitment of a 10% reduction. Of the sites removed from the backlog, about 60 either had been closed or were awaiting closure, 11 were under another agency's lead, four were assigned to staff, 20 were not cases but contain environmental information, four sites were duplicates that were deleted, and one was associated with a complex site.

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

The State Water Board Onsite Wastewater Treatment Systems (OWTS) Policy became 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 in May 2014 and were approved by the State Water Board and Office of Administrative Law. The amendments to incorporate the OWTS Policy into our basin plans are in effect as of 26 January 2015.

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, staff is coordinating with State Water Board, the California Conference of Directors of Environmental Health (CCDEH), and California Onsite Wastewater Association. With their cooperation, on

On 25 February 2015 staff distributed a preliminary completeness checklist for LAMPs to all Central Valley Local Agencies. On 19 March, and 20 April 2015, staff met in Woodland with CCDEH to discuss the checklist and Local Agencies' potential concerns; these mainly concern reporting requirements of the OWTS Policy. As a follow-up, staff has composed for CCDEH review, a conceptual straw-man spreadsheet of requirements for annual reports and Water Quality Assessment Reports. Ray Ruminski, CCDEH Director, will compile comments by 7 July 2015; staff will follow up with the State Water Board. On 4 June 2015, staff met with Sacramento County Environmental Management Department to discuss our preliminary review of their draft LAMP. On 8 June 2015, State Water Board released a Guidance Document for LAMPs and Advanced Protection Management Programs (APMPs) for LAMPs that cover OWTS near 303(d) listed impaired water bodies for pathogens or nitrates. Staff expects LAMPs with included APMPs from Nevada, Placer, and Tuolumne Counties.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff is enrolling dischargers into the new state-wide General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd, and including old WDRs to be rescinded into the meeting agendas. Staff is also enrolling small food processors under the recently issued and expanded conditional waiver for small food processors and small wineries. Lean 6-Sigma reviews of both Region 5's process for developing WDRs, as well as, the State Water Board's processes for developing general orders, is near completion and recommendations are being presented to management.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Waste Discharge Requirements (WDRs) Development

Sacramento River Watershed WDRs

On 05 June, the Board adopted revisions to the Waste Discharge Requirements for Growers within the Sacramento River Watershed that are Members of a Third-party Group. The revisions changed the submittal date for the Comprehensive Groundwater Quality Management Plan to be due 60 days after Executive Officer approval of the Groundwater Assessment Report, rather than one-year after the Notice of Applicability, and added language to the MRP providing the third-party with an opportunity to participate in the Delta Regional Monitoring Program.

Eastern San Joaquin River Watershed WDRs

On 17 June, the Executive Officer issued final approval of the Management Practices Evaluation program (MPEP) Group formed to develop and carry out the management practices effectiveness evaluations required by Orders applicable to the irrigated lands in the Central Valley. The MPEP Group consists of the East San Joaquin Water Quality Coalition, San Joaquin County Resource Conservation District on behalf of the San Joaquin County and Delta Water Quality Coalition, and San Joaquin Valley Drainage Authority on behalf of the Westside San Joaquin River Watershed Coalition. The Group Option allows multiple entities to prepare a joint MPEP Workplan to determine the effects, if any, irrigated agricultural practices may have on first encountered groundwater under different conditions that could affect the discharge of waste from irrigated lands to groundwater, and to address the conditions relevant to high vulnerability groundwater areas.

Western San Joaquin River Watershed WDRs

On 25 June, staff released proposed revisions to the Western San Joaquin River Watershed WDRs Order R5-2014-0002-R1 for public comment. The proposed revisions modify the Western San Joaquin River Watershed boundary to correspond to the corrected description of the area served by the Grassland Bypass Project, which defines the southern boundary of the Western San Joaquin River Watershed. Interested-person comments are due by 25 July. The anticipated schedule for bringing the tentative revisions to WDRs to the board for consideration is on 30/31 July.

Grassland Bypass Project/Grassland Drainage Area WDRs

Tentative Orders for the Grassland Bypass Project and the Grassland Drainage Area were posted 8 May for a 45 day comment period. Eleven letters were received by the 22 June 2015 deadline for comments. Board hearing for adoption of the two Orders is scheduled for 30/31 July.

Nitrogen Management Plan Technical Advisory Work Group

On 23 June, the Executive Officer issued final approval for the Nitrogen Management Plan Technical Advisory Work Group. The Work Group is being convened by the Central Valley Water Quality Coalitions (CV Coalitions) to develop guidance for member growers to estimate nitrogen removed as part of nitrogen management plans. The NMP Work Group will also be developing a "Crop Nitrogen Knowledge Gap Study Plan". The NMP Work Group met on 26 June to discuss methods to estimate available nitrogen in organic amendments and residual in soil.

ILRP Compliance, Outreach & Enforcement

Sacramento Valley Agricultural Parcel Inspections

In May and June, ILRP staff inspected 230 parcels in the Sacramento Valley 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.

Tulare Lake Basin Agricultural Parcel Inspections

In May and June 2015, ILRP staff inspected 412 parcels in the Kings River Watershed Coalition Authority area, which cover approximately 9,370 acres. Information gathered during the inspections was used to determine which parcels require coverage under applicable irrigated lands General Orders. Owners of parcels requiring coverage were issued Directives pursuant to California Water Code Section 13260.

West San Joaquin Agricultural Parcel Inspections

In May and June, ILRP staff inspected 30 parcels in the Westside San Joaquin River Watershed Coalition area. 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.

Sacramento Valley Water Code Section 13260 Directives

In June 2015, ILRP staff issued 121 Directives to growers in the Sacramento Valley. These directives were sent based on staff inspections that confirmed the presence of irrigated agricultural operations. The recipients are required to submit a Notice of Intent obtain either group or individual regulatory coverage within 15 days of receipt of the Directive.

Tulare Lake Basin Water Code section 13260 Directives

In May and June 2015, ILRP staff issued 237 Directives to growers in the Kings River Watershed Coalition Authority area covering approximately 12,602 acres, and 10 Directives to growers in the Tule Basin Water Quality Coalition area covering approximately 899 acres. These directives were sent based on staff inspections which confirmed the presence of irrigated agricultural operations. The recipients are required to submit a Notice of Intent to obtain either group or individual regulatory coverage for the identified parcels within 15 days of receipt of the Directive.

West San Joaquin Water Code Section 13260 Directives

In May 2015, ILRP staff issued 18 Directives to growers in the Western San Joaquin River Watershed. These directives were sent based on staff inspections that confirmed the presence of irrigated agricultural operations. The recipients are required to submit a Notice of Intent obtain either group or individual regulatory coverage within 15 days of receipt of the Directive.

West San Joaquin Notices of Violation for Failure to respond to a Water Code section 13260 Directive

In June 2015, ILRP staff mailed 14 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.

Tulare Lake Basin Administrative Civil Liability Complaints

On 14 May 2015, the Assistant Executive Officer issued an Administrative Civil Liability Complaint R5-2015-0524 to M.C. Land Company for failure to obtain regulatory coverage for approximately 480 acres of commercial irrigated lands within the Kern River Watershed Coalition Authority and Kings River Watershed Coalition Authority areas.

Sacramento River Watershed Coalition Groups

California Rice Commission Coalition

On 20 May, the California Rice Commission submitted a Surface Water Quality Management Plan for Dissolved Oxygen (DO) which examines DO exceedances for the cold and warm water quality objectives from 2004 to 2014. The request for a Management Plan was triggered by water quality objective exceedances in the 2014 season.

On 4 June, the California Rice Commission submitted a proposed Nitrogen Management Plan template as required by General Order R5-2014-0032. The proposed Nitrogen Management template is specific for rice and will be a web-based system to assist rice growers in managing nitrogen applications. The proposed template was posted for public review on 4 June with comments due 3 July.

On 12 June, the California Rice Commission submitted a draft outline for the Groundwater Trend Monitoring Workplan and Data Gap Assessment Plan for staff review. The draft outline details the information and format for the Workplan required by 1 October 2015.

Sacramento Valley Water Quality Coalition

On 1 May, the Sacramento Valley Water Quality Coalition (SVWQC) submitted their Annual Monitoring Report, Management Plan Progress Report, and Chlorpyrifos / Diazinon TMDL Report. Staff is in the process of reviewing the reports and preparing comments.

On 7 May, a final Notice of Applicability was issued to the Northern California Water Association to serve as a third-party under General Order R5-2014-0030.

On 27 May, Central Valley Water Board staff held a Quarterly Management Plan Meeting with the SVWQC to discuss the status of submitted management plan completion requests; progress of SVWQC's management plans; the evaluation process for the 2016 monitoring of copper in the Placer-Nevada-South Sutter-North Sacramento (PNSSNS) subwatershed; and staff tours of the Coalition subwatersheds.

On 8 June, SVWQC submitted their Sediment Discharge and Erosion Assessment Report. The associated ArcGIS shape files were submitted on 12 June. Staff is in the process of reviewing the report.

On 9 June, the PNSSNS sub-watershed submitted a proposal for the Reduced Monitoring / Management Practices Verification Option for review and approval by the Central Valley Water Board Executive Officer. Staff is in the process of reviewing the proposal.

San Joaquin River Watershed Coalition Groups

East San Joaquin Water Quality Coalition

On 12 May, staff visited the East San Joaquin Water Quality Coalition area. The purpose of the visit was to gain a better understanding of the crops, management practices, irrigation methods, and surface water quality sampling in the Coalition area.

On 15 May, the Coalition submitted a Revised Sediment Discharge and Erosion Assessment Report (SDEAR). Staff is currently reviewing the SDEAR for compliance with the requirements of the Order.

On 19 May, Susan Fregien and Yared Kebede attended the East San Joaquin Water Quality Coalition grower meeting. The Coalition presented the 2014 monitoring results and explained the instructions to fill out the Nitrogen Management Plan worksheet. Invited agricultural experts presented information regarding the role of certified crop advisors in nitrogen management planning and irrigation system performance on nitrate movement.

On 19 May, the Coalition submitted a request for approval of the second set of Core sites as required by the Order. After confirming the selection of large, representative and not-frequently-dry subwatersheds, the EO issued an approval letter on 15 June. The Coalition will include the approved second set of Core sites in the 1 August 2015 Monitoring Plan Update report.

On 21 May, staff released the Coalition Groundwater Quality Management Plan for public comment. Staff is currently reviewing the Plan, and is considering comments provided by the Stakeholders.

On 1 June, staff received the East San Joaquin Water Quality Coalition's Quarterly Monitoring Data Report for the period October-December 2014.

On 1 June, the Executive Officer approved the East San Joaquin Water Quality Coalition request to extend the submission of Groundwater Trend Monitoring Program Quality Assurance Project Plan (QAPP). The extension

will allow the Coalition to develop a list of specific monitoring locations and monitoring schedule. The QAPP will be submitted 30 days from approval of the Groundwater Quality Trend Monitoring Program Workplan.

On 4 June, the Coalition submitted the Groundwater Quality Trend Monitoring Program Workplan, Phase I – Monitoring Design Approach. Staff is currently reviewing the proposed trend monitoring workplan for compliance with the requirements of the Order.

San Joaquin County and Delta Water Quality Coalition

On 1 May staff received the San Joaquin County and Delta Water Quality Coalition's Annual Monitoring Report (AMR) for the reporting period January through September 2014. This is the first AMR since the March 2014 Order was adopted. As approved, this AMR does not cover the water year reporting period discussed in the Order. The next AMR will provide data for the water year October through September. The AMR is under staff review.

On 1 May staff received the San Joaquin County and Delta Water Quality Coalition's Surface Water Quality Management Report by the Order's deadline. The report provides an evaluation of water quality impairments, evaluation of management practices, and establishes performance goals and measures with a time-table. Staff received one comment letter before the 30-day public comment period ended and will take those comments under consideration.

On 19 June, the San Joaquin County and Delta Water Quality Coalition's submitted a QAPP amendment request. The Coalition seeks to revise the data quality objectives for acceptable percent recovery limits in laboratory control spikes and matrix spikes.

Westside San Joaquin River Watershed Coalition

On 21 May, Staff toured the Coalition's monitoring sites and the respective sub-watersheds. The Coalition representative provided information about various sub-watershed areas.

On 28 May, Staff held a meeting with the Coalition, APPL Labs and Pacific Eco Risk representatives to discuss Electronic Data Deliverable issues. The Coalition will propose an amendment to their Quality Assurance Project Plan to address changes needed to address current protocols.

On 8 June, Staff held a meeting with the Coalition regarding the Semi-Annual Monitoring Report and Surface Water Quality Management Plan (SQMP) issues. Staff provided the details about various timelines along with the guidance to prepare the SQMP.

On 15 June, Coalition submitted their June 2015 Semi-Annual Monitoring Report (SAMR), which covers the monitoring period from September 2014 through February 2015. The SAMR is currently under staff review.

Tulare Lake Basin Coalition Groups

Kern River Watershed Coalition Authority

On 6 May 2015, staff visited the Kern River Watershed Coalition Authority area to observe irrigation water deliveries, farm drainages, and identify viable surface water monitoring locations. The information will aid staff in the review of the Coalition's revised Surface Water Monitoring Plan.

Tule Basin Water Quality Coalition

On 19 June 2015, ILRP staff visited the Tule Basin Water Quality Coalition area to observe the locations of proposed surface water monitoring sites identified in the Coalition's revised Surface Water Monitoring Plan. Staff also investigated potential alternative monitoring sites to aid in the review of the Coalition's Surface Water Monitoring Plan.

Westlands Water Quality Coalition

On 2 June 2015, staff met with the Westlands Water Quality Coalition to discuss salinity, toxicity and metals exceedances the 2014 Annual Monitoring Report, the status of the Coalition's approved Surface Water Quality

Management Plan, and grower outreach planned for 2015. The Coalition will report back to staff on measures taken to address exceedances detected in 2014.

Other Projects

Data Management

Beginning in May, the Central Valley Regional Data Center's contract expired and the Data Center will not be able to provide assistance with loading ILRP data to CEDEN until a new contract is executed. Significant impacts include delayed data uploads to CEDEN.

On 7 May, the data management team completed the water quality global checks in preparation for 2014 water quality monitoring data migration to CEDEN. Various coalition water quality data has been reviewed and verified. The data was posted on CEDEN on 11 May 2015 for public access.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets are processed and transferred to CEDEN. Staff is currently processing the Westside and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, this set will complement the existing data on CEDEN providing all of the data submitted by the Westside Coalition since program inception.

On 15 June, the Westside San Joaquin River Coalition provided their semi-annual monitoring data deliverable. After the data management team validates the data, it will be loaded into the CV RDC database replica.

On June 18 and 29, the data management posted the CEDEN field and chemistry guidance documents on the Central Valley Water Board's website. ILRP data providers will be transitioning from CVRDC template format to CEDEN format data templates during the next year. To promote the process, staff is revising the CVRDC guidance documents for the CEDEN templates. The toxicity guidance document is under construction to be ready by mid-July.

Staff received USBR Grassland Bypass Project monitoring data for 2013 and 2014. These data are new for the ILRP process and will require a significant amount of time to be loaded into the CV RDC replica.

Staff has reviewed the 3rd and 4th quarter Sacramento Valley data deliverable covering the monitoring period July through September 2014 and October through December 2014. Loading to the CV RDC database is planned for July.

Managed Wetlands Workshop

On 15 April, a Managed Wetlands Workshop was held at the San Luis National Wildlife Refuge Headquarters near Los Banos, CA to provide a forum for discussion of the regulation of managed wetlands within the Irrigated Lands Program. The workshop consisted of a morning field tour and afternoon presentations by a Wetlands Workgroup Panel. All meeting materials are available online

at: http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/1504/index.shtml#5

The Managed Wetlands Workgroup met on 25 June to review comments and questions from the workshop and determine next steps.

Rice Pesticides Program

Monitoring for thiobencarb started the last week of April. Exceedances of the thiobencarb performance goal (1.5 µg/L) were observed in two Colusa Basin Drain sites (CBD5 and CBD1), with no detections (minimum detection level of 0.1 µg/L) at the water intakes for West Sacramento and the City of Sacramento. The California Rice Commission initiated additional monitoring upstream of CBD5 that is not required by the Rice Pesticides Program to better characterize the drainage.

GRANTS

Proposition 1 Grant Funding Programs - Proposition 1 ([Assembly Bill 1471, Rendon](#)) authorized \$7.545 billion in general obligation bonds for water projects including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection. The State Water Resources Control Board (State Water Board) will administer Proposition 1 funds for five programs. The **estimated** implementation schedule for each is outlined below. Since the June EO report, the projected dates for the Stormwater and Groundwater Sustainability funding programs final guidelines have been moved up from 2016 to December 2015.

| Funding Program | Funding Amount | Draft Guidelines | Public Workshops | Final Guidelines | Funding for Projects Anticipated in State Fiscal Year 2015/16 |
|---|-----------------|------------------|------------------|------------------|---|
| Small Community Wastewater | \$260 million | February 2015 | March 2015 | June 2015 | Yes |
| Water Recycling | \$625 million* | February 2015 | April 2015 | June 2015 | Yes |
| Drinking Water | \$260 million | April 2015 | June 2015 | August 2015 | Yes |
| Stormwater | \$200 million | October 2015 | November 2015 | December 2015 | No |
| Groundwater Sustainability | \$800 million** | October 2015 | November 2015 | December 2015 | No |
| <p>*Proposition 1 authorized \$725 million; Department of Water Resources (DWR) will administer the remaining \$100 million for desalinization projects. ** Proposition 1 authorized \$900 million; DWR will administer the remaining \$100 million to fund projects that develop groundwater management plans</p> <p>More information on DWR's Financial Assistance Programs can be found at: http://www.water.ca.gov/funding/</p> | | | | | |

It is anticipated that the Central Valley Water Board staff will provide assistance to the State Water Board by participating in technical reviews. More information on the Grants and Loans program can be found at: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml

Staff have participated in Public Workshops held by the State Water Board and other agencies with available Proposition 1 funds to stay informed on the various funding programs. This allows staff to be prepared to provide information to stakeholder groups and Central Valley Water Board management on potential funding sources for water quality improvement projects and possible project partnerships.

On 4 June, Diane Beaulaurier attended the State Water Board's Proposition 1 Groundwater Quality Funding Scoping Meeting for the Proposition 1 Groundwater Sustainability Program, held in Sacramento. This program will provide funding to address groundwater contamination that impacts sources of drinking water. More information on this program can be found at http://www.waterboards.ca.gov/publications_forms/publications/factsheets/docs/groundwater_quality_funding.pdf and http://www.waterboards.ca.gov/publications_forms/publications/factsheets/docs/scap_factsheet.pdf

On 22 June, Diane Beaulaurier attended the first of three State Water Board Proposition 1 Drinking Water Public Workshops in Rancho Cordova. Proposition 1 ([Section 79724](#)) allocates \$260 million to be available for grants

and loans for public water system infrastructure improvements and related actions to meet safe drinking water standards, ensure affordable drinking water, or both. The State Water Board is proposing to utilize the Drinking Water State Revolving Fund (DWSRF) application and approval process, as described in the DWSRF Policy and DWSRF Intended Use Plan (IUP). This workshop provided information on the program and solicited comments from attendees. Comments were accepted through 30 June.

On 25 June, Bethany Soto attended the second of three State Water Board Proposition 1 Drinking Water Public Workshops in Fresno. Workshop was well attended by many community representatives from Fresno and Tulare counties.

On 26 June, Diane Beaulaurier attended a public meeting held by the California Department of Fish and Wildlife (CDFW) to discuss the draft 2015-2016 Proposal Solicitation Notice for its Proposition 1 Restoration Grant Programs. CDFW is developing two new grant programs to fund multi-benefit ecosystem and watershed protection and restoration projects. The Watershed Restoration Grant Program will focus on water quality, river and watershed protection and restoration projects of statewide importance outside of the Delta, and the Delta Water Quality and Ecosystem Restoration Grant Program will focus on water quality, ecosystem restoration and fish protection facilities that will benefit the Delta. Comments were accepted by CDFW through 2 July.

On 30 June, Diane Beaulaurier attended the Wildlife Conservation Board's (WCB) Public Workshop on its Proposition 1 Grant Program draft Proposal Solicitation Notice for the Streamflow Enhancement Program. The Water Bond authorizes \$200 million to be administered by the WCB (Water Code Section 79733, subject to appropriation by the Legislature). It is proposed that \$38.9 million be made available for expenditure in the first year. Grants by WCB will be made through a competitive process in coordination with the California Department of Fish and Wildlife, State Water Board and other partners with the goal of providing and protecting enhanced flows to achieve a number of the conservation objectives outlined in the California Water Action Plan. These objectives may include, but are not limited to: restoring central valley tributary salmonid habitat, restoring key mountain meadow habitat and enhancing and restoring wetlands and riparian areas.

Recently Funded Grant Projects:

DWR Water-Energy Grant Program - Grant awards were announced on 24 June for the 2014 Water-Energy grant funding. Eligible projects must implement residential, commercial, or institutional water-efficiency programs or projects that reduce greenhouse gas emissions and also reduce water and energy use. Within Region 5, eleven projects were awarded grants totaling \$10,746,879 of the \$28,000,000 available state-wide. http://www.water.ca.gov/waterenergygrant/docs/W-E_FinalAwardMap.pdf

State Water Board DROPS Grant Program (Drought Response Outreach Program for Schools) – The State Water Board announced grant awards for projects implementing Low Impact Development (LID) strategies designed to maintain predevelopment hydrology on school campuses. The projects will: (1) reduce stormwater pollution; and (2) increase stormwater retention, use or recharge while creating multiple benefits, such as water conservation, water supply augmentation, and reduced dry weather runoff. Every DROPS project includes an educational component designed to increase student awareness of the project's environmental benefits and water resource sustainability. Within Region 5 six projects received \$4,589,588 in grant awards. http://www.waterboards.ca.gov/water_issues/programs/grants_loans/drops/docs/drops_funding_list.pdf

Clean Water Act §319(h) Nonpoint Source Grant Program on-going grants:

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)

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)

Mercury on a Landscape Scale: Balancing Regional Exports with Wildlife Health (\$749,500) – The Bureau of Land Management is using the Cosumnes River Preserve to test water flow strategies for removing methylmercury as it is an ideal matrix of replicate seasonal wetlands to evaluate potential management practices to reduce methylmercury concentrations. (end date 6/30/17)

Eightmile Valley Sediment Reduction and Habitat Enhancement Project (\$749,992) – The Bureau of Land Management will reduce the volume of sediment delivered to Clear Lake by realigning a severely eroded stream channel, establishing a prescriptive treatment for erosion control, installing grade control structures and engineering bank revetment using hardscape, bioengineering and revegetation. AWAITING EXECUTION (end date 6/30/2018).

GENERAL

1. **Marijuana Pilot Program**

On 8 July, Clint Snyder, Cris Carrigan, and Rob Egel as well as Executive Management with the Department of Fish and Wildlife met with Senator Jim Nielsen and Assemblyman James Gallagher as requested by Senator Nielsen. The purpose of the meeting was to provide an update on the joint-agency Marijuana Pilot Program. The discussion generally focused on the benefits of the joint agency approach, inspection procedures, enforcement actions, performance, and challenges. Senator Nielsen was pleased with the Pilot Program's progress and offered his assistance moving forward.

2. **Lean 6-Sigma Project Update**

The Lean 6-Sigma Project Team has identified improvements to incorporate into the current WDR permitting process. These improvements will result in submittal of complete permit applications, standard work and consistency among offices, and permit writers' better understanding of the permitting process. The Project Team will present its findings to management and work on implementing the improvements into the current permitting process. A final project presentation to the Governor's Office of Business and Economic Development is scheduled for the week of July 20.

3. **North Valley Regional Recycled Water Program (NVRWP)**

The cities of Modesto, Turlock, Ceres, the Del Puerto Water District (District), and Stanislaus County have formed a collaborative partnership to develop the NVRWP. The Program proposes to distribute tertiary treated recycled wastewater from the cities of Modesto and Turlock to the District to address water supply shortages within the District's service area on the west side of the San Joaquin River. The project proposes to convey up to 52.7 million gallons per day (59,000 acre feet per year) of recycled water produced by Modesto and Turlock via a direct pipeline to the Delta-Mendota Canal (DMC). The recycled water will be blended with Central Valley Project water conveyed by the DMC and utilized by farmers within the District or, when not needed, conveyed into storage in the San Luis Reservoir for later reuse. In addition, the project will provide water to National Wildlife Refuges and wildlife areas located south of the Delta to maintain and improve habitat. If completed this project would be the largest urban-to-agriculture water recycling program in the state. The project is consistent with State Water Resources Control Board resolution 2013-0003 establishing statewide goals for increasing the reuse of recycled water.

The Cities of Modesto and Turlock and the District have signed a memorandum of understanding (MOU) to share costs for the program's implementation. Last year, the cities of Modesto and Turlock and the District spent \$1.57 million for the study of the Program's environmental effects, refinement of the design, and evaluation of possible funding sources. In 2012, the City of Turlock received about \$20 million in funding to complete their Harding Drain Bypass Pipeline, and the City of Modesto is currently investing \$150 million to upgrade their facility to meet more stringent tertiary treatment standards. The District is proposing to pay \$100 million to construct a six-mile pipeline to carry the combined recycled wastewater from Modesto and Turlock to the DMC. The cost to farmers within the District to purchase the recycled water would be expensive (about four to five times the normal rate) but farmers appear to be willing to pay the higher rate to ensure a more reliable water supply. Some groups have concerns about removing the treated water out of the river and the local area. They would prefer that the water remain in the river to help meet water quality standards or be used locally for groundwater recharge and irrigation. Discussion among all the parties is ongoing as to determine the best use of the tertiary treated recycled water.

Modesto and Turlock currently discharge to the San Joaquin River and are regulated by NPDES permits. Modesto is awaiting approval from the State Water Board for a Water Code Section 1211 wastewater change petition it submitted to divert its discharge from the San Joaquin River. Turlock anticipates submitting a wastewater change petition to the State Water Board once the issues related to the best use of the water are resolved. In June 2015 Modesto and Turlock submitted Reports of Waste Discharge to the Central Valley Water Board requesting updates to their NPDES permits to proceed as soon as possible to allow the discharge of tertiary treated wastewater to the DMC. Pending resolution of the water rights issues, staff estimate updated permits for Board consideration by June 2016.

The NVRWP partners anticipate that the project could be permitted and approved within the next few years with water flowing to the DPWD as soon as 2018. When fully built out in 2043, the NVRWP proposes to have both wastewater treatment plants cease discharge to the San Joaquin River and deliver up to 59,000 acre feet per year of treated wastewater to the DMC.

4. **North Star Mine Water Treatment Project, Nevada County**

Newmont USA, Ltd.'s proposed North Star Passive Water Treatment Project in Grass Valley is currently being reviewed by the Nevada County Planning Department. The project proposes to collect, convey, and treat water currently draining from three mine features south of Grass Valley. The Initial Study is nearly finished and Nevada County Planning Department staff indicated in mid June 2015 that it should be circulated for public comment in about 2-3 weeks. The project is tentatively planned to be heard by the Nevada County Planning Commission on August 13th or 27th. Newmont reported in their 1st Quarter Summary Report that construction of the North Star Treatment Project may not be completed by 31 December 2015 if Nevada County Planning Commission approval is significantly delayed (JSH).

5. **Consultations on Temporary Urgency Change Petitions (TUCPs) with State Water Board, Water Rights Division.**

Regional Water Board and State Water Board Water Rights staff is in consultation on two temporary urgency change petitions (TUCPs) because of the ongoing drought. The US Bureau of Reclamation (USBR) has requested a change in their water rights permit for the New Melones project because of limited water supplies and their inability to meet all their Water Rights permit requirements including the Dissolved Oxygen Objective of 7 mg/l on the Stanislaus at Ripon this summer. The USBR has requested a relaxation of the Objective from 7.0 to 5.0 mg/l in order to allow them to conserve remaining water supplies and manage future releases in coordination with fisheries management agencies.

On 21 May 2015, the Department of Water Resources (DWR) and the US Bureau of Reclamation (USBR) requested a change to an earlier temporary urgency change petition submitted on 24 March 2015 to the State Water Resources Control Board. The May 21 request seeks modifications to D-1641 to: (1) change the minimum Net Delta Outflow Index (NDOI) to a monthly average of 3,000-cfs for July, with a seven-day running average of no less than 2,000-cfs; (2) change the minimum Sacramento River Flow requirements at Rio Vista for the months of September, October, and November to a monthly average of no less than 2,500-cfs on average, with a seven-day running average of no less than 2,000-cfs; and (3) extend the change of the Western Delta agricultural salinity requirement at Emmaton to a compliance location at Threemile Slough on the Sacramento River from June through August 15. The Petitioners state that the proposed changes are the optimal balance for managing reservoir releases during the fourth year of the drought to conserve upstream cold water storage for fish and wildlife protection and downstream Delta salinity control while providing critical water supply needs. For more information

see: [http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/docs/tucp_order040615.pdf](http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/docs/tucp/2015/tucp_order040615.pdf)

PUBLIC OUTREACH

On 1 May, Bethany Soto participated in the Westside Integrated Water Resource Plan Stakeholder Meeting. The meeting focused on developing a list of projects for the update to the Westside Integrated Water Resources Plan. Meeting also included an update from DWR staff on the Sustainable Groundwater Management Act (SGMA).

On 4 May, Bethany Soto participated in the Tulare Basin Integrated Regional Planning Effort which is a group of Integrated Regional Water Management (IRWM) practitioners from the Tulare-Kern Funding Area. The meeting focused on the IRWM implementation status of each of the participating IRWM groups, coordination with DACs within the Tulare Basin, and an update on formation of groundwater sustainability agencies within the Tulare-Kern funding area.

On 4 May, Holly Grover and Rajmir Rai attended the Clear Lake Cyanobacteria Task- Force meeting at the Elm Indian Colony Tribal offices. This meeting centered around monitoring resources for the 2015 bloom season, selecting monitoring sites and drafting a monitoring plan. EPA will provide 400 recreational sample lab analyses out of their Richmond lab. The Tribes will need to find resources to ship the samples.

On 5 May, Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement Network (KEEN) meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 6 May, Christine Joab attended the Yuba County Integrated Regional Water Management (IRWM) workgroup meeting to discuss the adoption of their IRWM Plan and the upcoming DWR Prop 84 implementation grant funding round.

On 8 May, Holly Grover and Rajmir Rai attended the Lake County Resource Management Committee, which is composed of teams of technical staff from participating entities. Each team will identify and focus on specific issues affecting the lake's ecology, from sediment flow to cyanobacteria to the potential threat of Quagga and Zebra mussels, attempting to identify the best way to mitigate those factors and "create specific collaborative processes." That information will then be used to create a cohesive plan to revitalize the lake and to apply for grant funding to implement those plans.

On 8 May, Lynn Coster, Gurbinder Dhaliwal, Yared Kebede, and Sue McConnell attended the Almond Board's Environmental Stewardship Tour in Firebaugh, CA. Representatives from various state organizations, the media, and almond board leaders viewed the impact the drought is having on area almond crops and learned how growers are working to efficiently manage water and continue to grow almonds sustainably.

On 8 May, the Executive Officer and ILRP staff attended the Almond Board's Environmental Stewardship Tour in Firebaugh, with representatives from various state organizations, the media, and almond board leaders. The Almond Board presented information on the impact of the drought on area almond crops and how growers are working to efficiently manage water.

On 11 May, Bethany Soto participated in the Kaweah River Basin Integrated Regional Water Management Plan Stakeholder Advisory Group meeting. The meeting focused on the review and approval of three projects for the IRWM Plan Project List and application submittal to DWR for Prop 84 IRWM implementation funds.

On 11 May, Sarah Rutherford participated in the Madera Integrated Regional Watershed Management Group meeting held in Chowchilla. The group discussed possible Prop 84 implementation funding projects and updates on current IRWM project completion. Chris Montoya from DWR presented an update of the 2013 California Water Plan.

On 12 May, Anthony Medrano participated in a bus tour of Fresno County as part of the Fresno Environmental Reporting Network (FERN). The bus tour visited five locations of interest to the group where various adverse environmental health issues were observed and discussed.

On 13 May, Lynn Coster attended the Shasta Tehama Water Education Coalition's annual meeting in Red Bluff. Discussions included expectations and concerns regarding the Delta Regional Monitoring Program and planned outreach to growers who have failed to join the subwatershed and/or complete a Farm Evaluation Survey.

On 13 May, Christine Joab attended the Eastern San Joaquin Groundwater Banking Authority Coordinating Committee meeting in Stockton. The Department of Water Resources provided a presentation on the Sustainable Groundwater Management Act and the follow-up discussion focused on groundwater management activities.

On 13 May, Anthony Medrano provided updates to the Kings County Identifying Violations Affecting Neighborhoods (IVAN) group regarding environmental complaints lodged by various disadvantaged community groups and members.

On 13 May, Ashley Hampton participated in State Scientist Day in Sacramento. This event educates youth about the important work performed by state scientists to protect water, public health, and the environment.

On 13 May, Lynn Coster attended the Shasta Tehama Water Education Coalition's (STWEC) annual meeting in Red Bluff. Discussions included expectations and concerns regarding the Delta Regional Monitoring Program and planned outreach to growers who have failed to join the sub-watershed and/or complete a Farm Evaluation Survey.

On 15 May, Lynn Coster attended Sacramento Valley Water Quality Coalition's (Coalition) monthly meeting in Williams. Lynn answered questions regarding the proposed revisions to Waste Discharge Requirements for Growers within the Sacramento River Watershed, particularly the revision that provides the Coalition an opportunity to participate in a Regional Monitoring Program.

On 15 May, Chris Foe, Jeanne Chilcott, James Marshall, Nicole Morgan and Adam Laputz attended a meeting at the Sacramento Regional Combined Sanitation District to discuss how the new 2013 US EPA Ammonia Criteria might be implemented at POTWs

On 15 May, Lynn Coster attended Sacramento Valley Water Quality Coalition's monthly meeting in Williams. Lynn answered questions regarding the proposed revisions to Waste Discharge Requirements for Growers within the Sacramento River Watershed, particularly the revision that provides the Coalition an opportunity to participate in a Regional Monitoring Program.

On 19 May, Christine Joab and Chris Foe hosted the second meeting of the Delta Nutrient Research Plan's Cyanobacteria Science Work Group. The focus of the meeting was to discuss revisions to the Literature Review White Paper and to discuss information gaps.

On 20 May Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted Aerojet's remediation efforts, field work, documents under review, implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site.

On 20 May, Janis Cooke and Laura McLellan attended a Delta Mercury Exposure Reduction Program (MERP) community stakeholder meeting. Recipients of the first round of Delta MERP small grants (Lao Khmu Association, California Indian Environmental Alliance, and Asian Pacific Self-Development and Residential Association) described their communities and work that will be completed with the grant funds.

On 21 May, Staff attended Field Safety Training provided by the State Water Board Division of Administrative Services. The purpose of the training was to give a basic understanding of potential hazards that might be present when working in the field. The training also provided ways to avoid control or minimize exposure to potential health and safety hazards.

On 26 May, Bethany Soto participated in the Poso Creek Integrated Regional Water Management Plan meeting. The meeting focused on implementation of IRWM plan projects, funding opportunities, and anticipated actions for discussion at the next meeting.

On 27 May, Chris Foe attended the Romberg Tiburon Center Modeling workshop in Tiburon California. Purpose of the workshop was to discuss how water quality from satellite surveillance might be incorporated into real time hydrodynamic modeling.

On 27 May, Sarah Rutherford participated in the Yosemite-Mariposa Integrated Regional Watershed Management Group's Water Advisory Council meeting. The group discussed the application process for final round of Proposition 84 funding. Several project proponents stated an interest in completing an application. A conference call was scheduled to determine the project applicant and fiscal agent for the IRWM group. Staff will continue to update the group regarding funding opportunities.

On 28 May, Christine Joab attended the East Contra Costa County Integrated Regional Water Management Governing Board meeting. The meeting focused on discussing Prop 84 Round 2 Planning and Implementation Grants, Prop 1E grants, the Prop 1 Water Bonds and the drought.

On 28 May, Debra Hallis attended Water Talks, an informational and educational set of water related presentations shared with the public. Presentations included geologic history of Mount Shasta, a first-hand account of the debris flow event of September 2014, USFS response to the event, and historical mud/debris flows on Mount Shasta. Ongoing transport of sediment from the 2014 debris flow event has reduced clarity of the McCloud River.

On 28 May, Guy Chetelat attended the Sacramento River Forum in Corning. The meeting covered landowner concerns about State Parks' management of lower Big Chico Creek habitat, the DWR led Kopta Slough floodway enhancement project, and review of a fishing use survey conducted by Chico State.

On 1 June, 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 the IRWM implementation status of each of the participating IRWM groups, coordination with DACs within the Tulare Basin, and an update on formation of groundwater sustainability agencies within the Tulare-Kern funding area.

On 1 June, Bethany Soto participated in the Kern County Integrated Regional Water Management Plan group meeting. The meeting focused on the status of the 2015 IRWM grant solicitation, prioritizing of IRWM projects, and the selection of potential projects for a grant application.

On 2 June, Bethany Soto participated in the Kaweah River Basin Integrated Regional Water Management Plan Stakeholder Advisory Group meeting. The meeting focused on appointing Board Members to the governing group, and a status report on implementation of IRWM projects.

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

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

On 10 June, Christine Joab attended the Eastern San Joaquin Groundwater Banking Authority Coordinating Committee meeting. The meeting continued the discussion on Prop 84 grant readiness and key components of the Sustainable Groundwater Management Act.

On 11 June, Bethany Soto participated in the Southern Sierra Integrated Regional Water Management Group meeting. The meeting focused on the status of current projects and new projects were presented by members for potential submittal to DWR for Prop 84 funds.

On 12 June, Chris Foe and Adam Laputz attended the San Francisco Bay area Nutrient Management meeting in Oakland California. Purpose of the meeting was to review progress in developing and implementing a nutrient science plan for San Francisco Bay.

On 17 June, Bethany Soto participated in the Upper Kings Basin Integrated Regional Water Management Authority Advisory Committee Meeting. The meeting focused on Prop 84 and Prop 1 funding opportunities; staff reports on IRWM project implementation, coordination, public information, legislation, and administrative items. Meeting also included information on a new project to be included on the IRWM plan projects list.

On 17 June, Sarah Rutherford attended the Tuolumne-Stanislaus Integrated Regional Watershed Management, Watershed Advisory Committee meeting in Sonora. The Watershed Advisory Committee proposed projects to be submitted for the final round of Proposition 84 funding. The Joint Powers Authority approved the proposed projects for application.

On 17 June, Christine Joab attended the Cosumnes, American, Bear and Yuba Planning Committee and Coordinating Committee meeting. The meeting discussed approval of projects for inclusion into the Prop 84 implementation grant proposal, updates on previous grant-funded projects and recommendations for updating the website.

On 17 June, Bethany Soto participated in the Upper Kings Basin Integrated Regional Water Management Authority Board of Directors Special Meeting. The meeting focused on adopting and approving a single project from the project list to be submitted for the final round of Prop 84 funding.

On 18 June, Holly Grover and Rajmir Rai attended the Drinking Water Treatment Challenges Associated with Cyanobacteria in Clear Lake meeting in Lakeport. Topics of discussion included public health action to better reach the public on cyanobacteria issues, treatment challenges, cyanobacteria monitoring by local Tribes, Division of Drinking Water activities and EPA guidance for drinking water systems.

On 22 June, Lynn Coster and Scott Perrou attended the Sacramento Valley Water Quality Coalition's monthly meeting in Auburn. Scott gave an update on the Central Valley Water Board's outreach and enrollment efforts, including the number of inspections completed in various counties within the Coalition.

On 22 June, Lynn Coster and Scott Perrou attended the Coalition's monthly meeting in Auburn. Scott gave an update on the Central Valley Water Board's outreach and enrollment efforts, including the number of inspections completed in various counties within the Coalition.

On 23 June, Wes Ouimette and Brett Stevens attended an inspection of south Delta waterways, including the South Old River and Sugar Cut. The inspection, conducted by boat, focused on high salinity concentrations in this area, potentially coming from the Sugar Cut drainage. Other attendees included Michael George, the State Board Delta Water Master; John Herrick, with the South Delta Water Agency; and Dante Nomellini, with the Central Delta Water Agency. Next steps include considering the need for additional salinity data gathering, and how ILRP resources can be focused to reduce salt discharges from irrigated lands in the area of concern.

On 24 June, Patrick Morris, Laura McLellan, and Janis Cooke met with a group of reservoir owners to discuss the proposed Statewide Mercury Control Program for Reservoirs. Gita Kapahi, Esther Tracy (State Board OPP), and Carrie Austin (RB2) also attended. The purpose of the meeting was to discuss potential reservoir mercury control pilot projects and opportunities for collaboration.

On 24 June, Sarah Rutherford participated in the Yosemite-Mariposa Integrated Regional Watershed Management Group's Water Advisory Council meeting. The group discussed the application process for final round of Proposition 84 funding. Additionally, sub-committee groups reviewed and revised goals and objectives to address issues identified by the groups IRWM Plan.

On 25 June, Ashley Hampton participated on a marijuana educational panel discussion in Red Bluff answering questions from the community about the environmental impacts of cannabis cultivation, the problems we are seeing, and what is required for water-quality protection and water diversions.

On 26 June, Adam Laputz, Sue McConnell, David Sholes, and Eric Warren attended a Nitrogen Management Plan Technical Advisory Workgroup meeting in Merced. Presentations were given by the U.C. Cooperative Extension, local laboratories, consultants, and representatives of the dairy industry to provide their perspective on how to appropriately estimate the amount of available organic nitrogen in various soil amendments. This information is intended to aid growers in completing the Nitrogen Management Plan Template.

In May and June, staff of the Watershed Enforcement Unit (marijuana cultivation issues) distributed numerous informational flyers on water-quality protection and water rights to marijuana businesses in the northern Sacramento Valley.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATE

May 16, 2015 through June 30, 2015

Promotions:

Dale Harvey – Supervising WRCE

Leave of Absence:

Barry Hilton - WRCE

Retirement:

Margaret Wong – WRCE
 Anne Olson – Sr. WRCE
 Dane Johnson – Senior EG

Authorized Positions: 232.7

Vacant Positions: 13

| Separations | New Hires |
|--|--------------------|
| Aide Ortiz – WRCE Steven Popenoe - WRCE | Omar Erekat – WRCE |

Temporary Help Positions

| Separations | New Hires |
|---|---|
| Clairise Anderson – SA Matthew Runyon - SA | Angela Sandevol – SA Pritesh Patel – SA Kulvinder Singh – SA Thomas Shedd - SA |

TRAINING UPDATE

May 16, 2015 through June 30, 2015

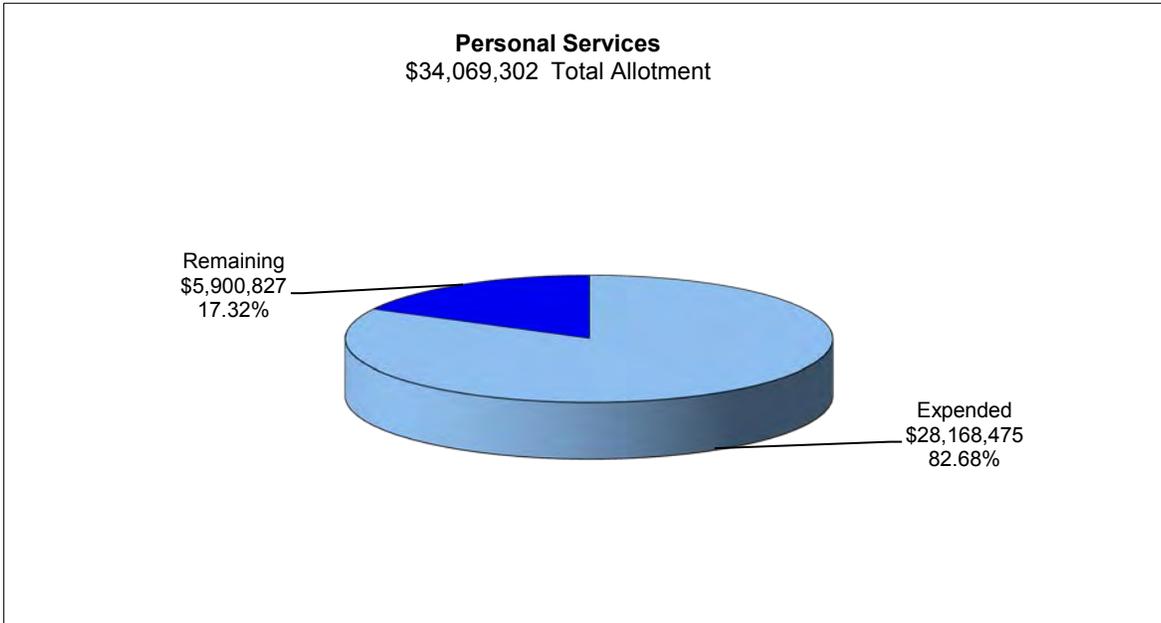
Class Title Number of Attendees

| | |
|--|----|
| Basic Forest Practice | 3 |
| CAL/EPA Basic Inspector Academy | 1 |
| Civil PE and Seismic Review-Webinar | 2 |
| Defensive Drivers Training | 18 |
| Environmental Crimes Seminar | 5 |
| Introduction to Water, Wastewater & Recycled Water Management | 1 |
| Field Safety Training | 12 |
| Health and Safety Managers Training | 26 |
| Law Seminar International - Implications of Recent USEPA Rule | 1 |
| Maintaining a Respectful Work Environment | 17 |
| Meeting Facilitation for Stakeholder Meetings and Processes | 1 |
| PACe (On-line computer training) | 2 |
| Pretreatment Training for Regulators | 17 |
| State Supervisory Training Module 1: Role of Supervisor, Effective Communication, and Lead | 2 |
| Waste Water Treatment Training – California Specific | 3 |

FISCAL UPDATE
Through May 31, 2015
(91.6% should be expended to date)

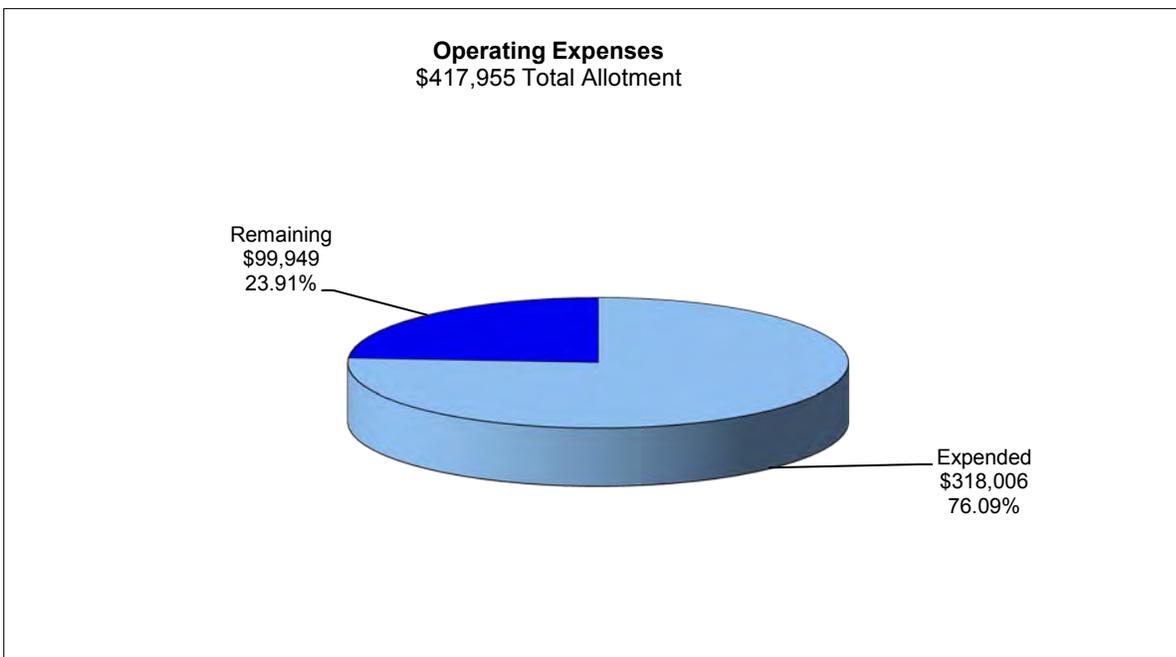
Personal Services:

Our Personal Services budget for the 2014-15 Fiscal Year is \$34,069,302.



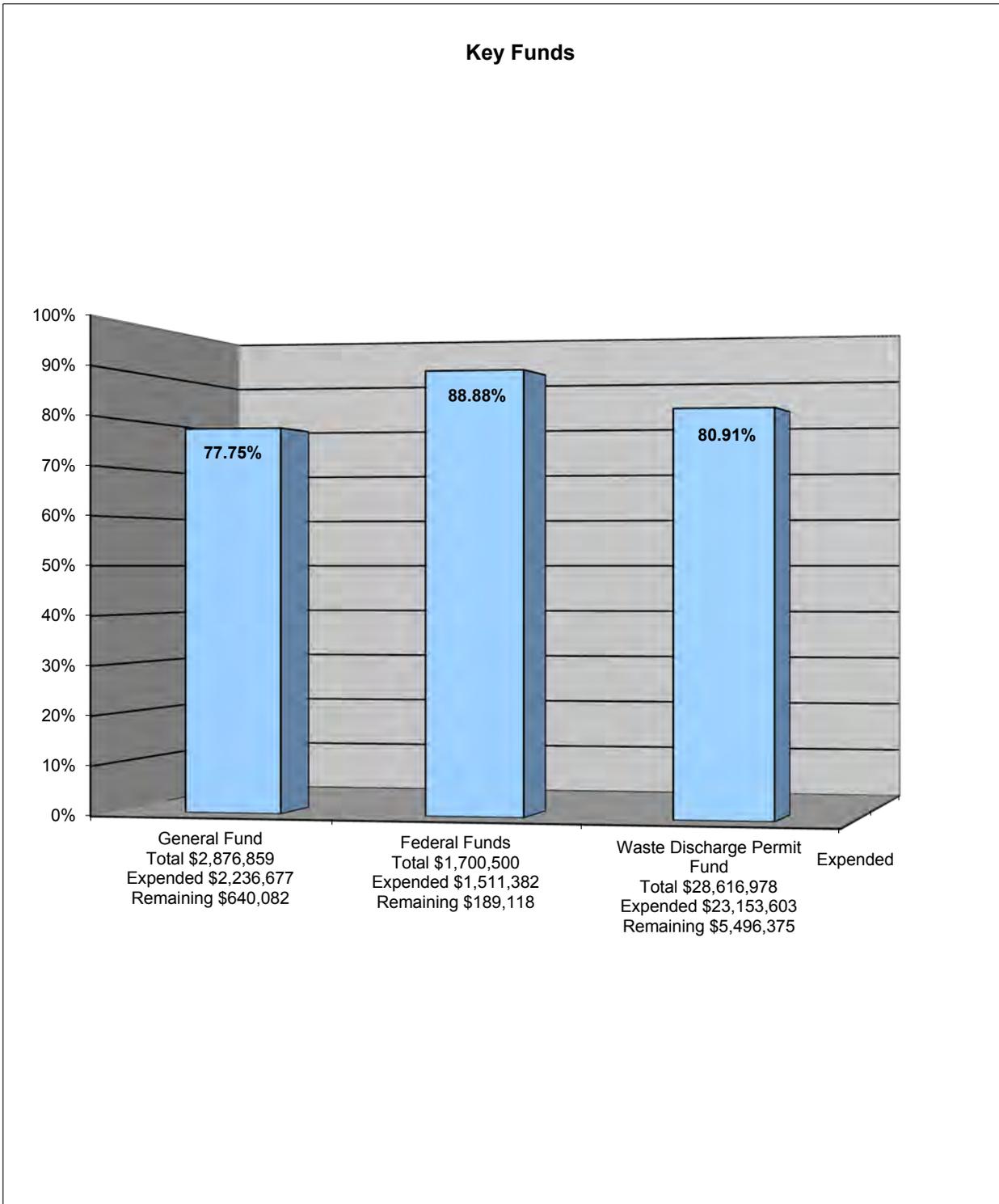
Operating Expenses:

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



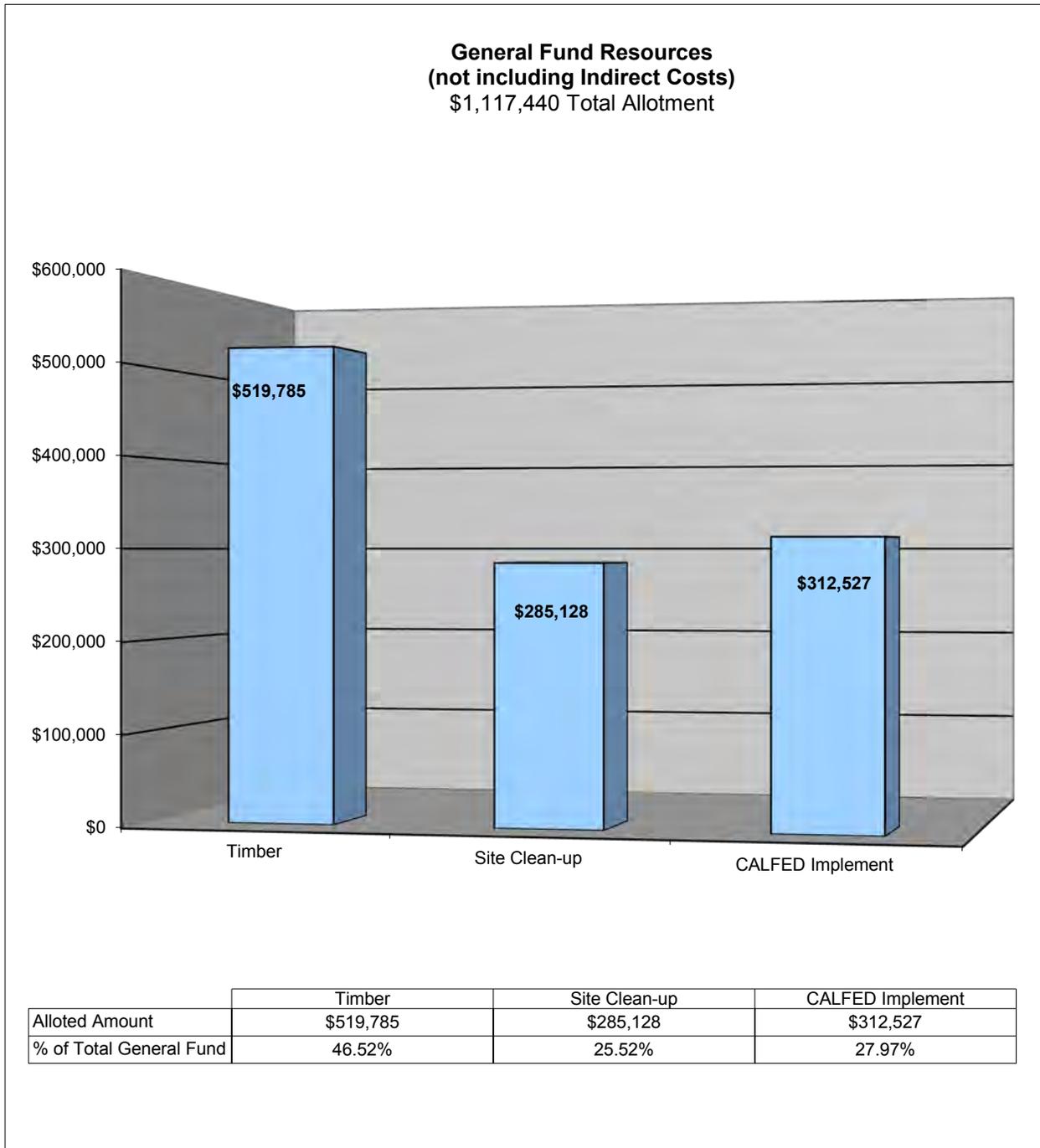
Key Fund Issues:

All key funds 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 | | | | |
| TBD | California Reporting | Court Reporter Services | 6/30/2018 | \$36,000 |
| Operational Support Services | | | | |
| TBD | TBD | Lab Analysis – Fresno | 06/30/2016 | \$65,000 |
| TBD | TBD | Lab Analysis - Redding | 06/30/2016 | \$55,000 |
| 13-051-150 Am. 1 | Excel Chem Environmental Laboratories | Lab Analysis - Rancho Cordova | 06/30/2016 | \$80,000 |
| 15-020-150 | Redding Air Services | Emergency Helicopter Services | 10/2015 | \$4,999 |
| TBD | Redding Air Service | Helicopter Services | 9/30/2017 | \$40,000 |
| 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 |
| 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 |
| 14-100-150 | The Regents of UC Davis | Large Scale Analysis of Annual Report Data | 3/31/2017 | \$150,000 |

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.

OCTOBER 2015 BOARD MEETING

- City of Galt WWTP Permit Renewal
- City of Rio Vista Northwest WWTP Permit Renewal
- Collins Pine Company, Chester Sawmill CDO
- Dredge/Fill – Permitting
- Placer County SMD No 1 Permit Recession
- Sliger Mine Permit Renewal
- Storm Water Program – Permitting

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Kern Ridge Growers, Di Giorgio Facility (New WDRs)
- Monarch Nut Company (Revised WDRs)
- North Kern Water Storage District Oilfield Dischargers (New WDRs)
- Sierra Pacific Industries-Chinese Camp (Revised WDRs)
- Sun View Marketing, Fresno Dehydrator (New WDRs)
- Tulare Lake Drainage District-Mid Evap. Basins (New WDRs)
- Ventura Coastal, Tipton Plant (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Altamont Class II/III Landfills and Class II Surface Impoundment (Revised WDRs)
- Anderson Class III Landfill (Revised WDRs)
- Area Energy, LLC Closed Surface Impoundment (Revised WDRs)
- Dredging Material Reuse General Order (New WDRs)
- Eagle Bird Mine WDRs (New WDRs)
- Maintenance Dredging General Order (Revision)
- Recology Hay Road Class II Landfill, Land Treatment Unit (Revised WDRs)
- Recology Yuba Sutter Landfill (Revised WDRs)
- Sacramento Regional Biosolids Disposal, Class II Land Treatment (Revised WDRs)
- Woodlake Landfill (Revised WDRs)

DECEMBER 2015 BOARD MEETING

- Grass Valley Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Ardagh Glass Company, Saint Gobain Containers (Revised WDRs)
- Harris Ranch Kingsburg Plant (Revised WDRs)
- Los Gatos Tomato Processing (Revised WDRs)
- Pleasant Valley State Prison WWTF (Revised WDRs)

FEBRUARY 2016 BOARD MEETING

- Chester PUD WWTP Permit Renewal
- Live Oak Permit Renewal
- Rockwell International Groundwater Cleanup System Permit Renewal
- Sacramento Regional County Sanitation District Permit Renewal
- Sterling Caviar Permit Renewal

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM-DISPOSAL TO LAND

- Bear Valley WWTP Permit Renewal
- Bully Hill Rising Star Mines (New WDRs)
- CA. Dept. of Corrections, Mule Creek State Prison (Revised WDRs)
- Calaveras County Water District, Copper Cove WWTF (Revised WDRs)
- Central Valley Region-wide MS4 General Permit
- Cities of Turlock and Modesto New Permit
- City of Auburn WWTP Permit Renewal
- City of Bakersfield and County of Kern Storm Water Management Plan Approval
- City of Chico WPCP Permit Renewal
- City of Colusa WWTP Permit Renewal
- City of Corning WWTP Permit Renewal
- City of Manteca WWTF (Revised WDRs)
- City of Mendota WWTF (Revised WDRs)
- City of Portola WWTP Permit Renewal
- City of Richgrove WWTF (Revised WDRs)
- City of Tuolumne WWTF (Revised WDRs)
- City of West Sacramento, Bryte Bend WTP (New WDRs)
- Corcoran State Prison WWTF (Revised WDRs)
- Cortopassi Partners, Corto Olive Mill (New WDRs)
- Delta Packing Co. of Lodi (New WDRs)
- E.J. Gallo Livingston Winery (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- Goldstone Lands Co., Bear Creek Winery (Revised WDRs)
- Granite Construction Oroville Facility (New WDRs)
- Laton CWD WWTF (Revised WDRs)
- Lincoln Village Center GWT Permit Renewal
- Lion Raisin Company (Revised WDRs)
- London CSD WWTF (Revised WDRs)
- Mokelumne Rim Vineyards (Revised WDRs)
- Olivehurst WWTP Permit Renewal
- Oroville WWTP Permit Renewal
- Quincy CSD WWTP and Collection System Permit Renewal
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Santa Fe Aggregates Sand and Gravel Plant Permit Renewal
- Shasta Renewable Energy (New WDRs)
- Spanish Mine (New WDRs)
- SPI Shasta Lake Division Permit Renewal
- Strathmore WWTF (Revised WDRs)
- Sun Pacific/Califia Farms (Revised WDRs)
- Tasteful Selections (Revised WDRs)
- UC Davis Center for Aq. Biology (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Area Energy, LLC Closed Surface Impoundment (Revised WDRs)
- Recology Yuba Sutter Landfill (Revised WDRs)
- Dredging Material Reuse General Order (New WDRs)
- Eagle Bird Mine WDRs (New WDRs)
- Anderson Class III Landfill (Revised WDRs)
-

CONFINED ANIMAL PROGRAM

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

STORM WATER PROGRAM - PERMITTING

- Central Valley Region-wide MS4 General Permit
- City of Bakersfield and County of Kern Storm Water Management Plan Approval

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|---|--|-------------------------------|-----------|-------------|
| A | Timber Activities on Non-federal Lands | <p>2015-05-05 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.</p> | Statewide | SB | |
| A-14 | Implement Lower San Joaquin River Salt/Boron TMDL | <p>2015-07-02 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. USBR FY15/16 Annual Workplan to address salt loading currently under public review. (Staff contact, James Brownell)</p> | Regional | R5 | |
| A-15 | State Water Board Storm Water Resource Guidelines | <p>2015-06-02 State Water Board staff has begun developing draft storm water resource guidelines per Senate Bill 985. Draft guidelines are expected to be released for public comment by the end of August 2015, with a proposed State Water Board consideration of adoption date of December 1, 2015.</p> | Statewide | SB | 12/1/2015 |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|--|--|-------------------------------|-----------|-------------|
| A-15 | Composting Operations Statewide General Order | 2015-07-09 Stan released the draft Environmental Impact Report (EIR) and General Waste Discharge Requirements for Composting Operations (General Order) for public comment on January 13, 2015. A public workshop was held on February 13, 2015 in Sacramento at the Cal/EPA Building. Subsequent to the workshop, State Water Board staff and Regional Board staff met with stakeholders in small group settings to discuss their comments. Twenty-nine comment letters were received by the March 2, 2015 deadline. A Board Workshop was held on June 16, 2015. The Board Meeting to consider certifying the draft EIR and adopting the General Order will be scheduled for August 4, 2015. | Statewide | SB | 8/4/2015 |
| A | Biological Integrity Plan Development | 2015-05-29 The state is currently developing biological objectives for perennial freshwater streams. The goal is to set biological expectations to ensure protection of aquatic life beneficial uses in these waterbodies. In May 2014, staff met with the stakeholder subcommittee and regulatory advisory group to review draft plan language and the workplan for completing the plan and staff report. Staff is considering the feedback and revising the draft document. | Statewide | SB | |
| *A | Onsite Wastewater Treatment Systems (OWTS) Policy Implementation | 2015-06-24 The Local Agency Management Plan (LAMP) Guidance document was transmitted to the Regional Water Boards on June 4, 2015. As of May 1, 2015, Regional Water Boards 1 through 9 have amended their Basin Plans to include the OWTS Policy. Region 9 amended its Basin Plan to include the OWTS Policy in April 2015. State Board has approved the amendments for Regions 2 through 8. State and Regional Water Board staff will be scheduling meetings with Local Agencies to facilitate LAMP development. | Statewide | SB | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|---|---|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| C | Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan | 2015-06-17 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. | Regional | R5 | |
| A-14 | Policies for Variances and Exceptions | 2015-07-08 Adopted by Central Valley Water Board on 6 June 2014. Approved by the State Water Board on 17 March 2015. Approved by the Office of Administrative Law on 19 June 2015. Requires US EPA approval before becoming effective for federal programs. | Regional | R5 | |
| A | General Order for Bovine Feedlots | 2015-07-03 General Order to regulate bovine feedlots (other than dairies - e.g., heifer facilities, calf raising facilities, beef cattle facilities); draft is under internal review. | Regional | R5 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|---|--|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A-15 | Central Valley Diuron Basin Plan Amendment | 2015-06-26 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in late 2015, Board Hearing in Spring/Summer 2016. (Staff contact, Danny McClure) | Regional | R5 | |
| A-15 | Basin Plan Amendment Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs | 2015-07-13 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. Phase II to focus on other beneficial uses with timeline dependent on results from Phase I. CEQA Scoping completed Oct/Nov 2012. MUN case study to adopt appropriate beneficial uses and water quality objectives in 12-individual ag dominated water bodies as well as a process for determining appropriate uses and objectives region-wide. Central Valley Water Board adopted case study basin plan amendment in April 2015, with State Board consideration scheduled for August 2015. A public information item discussion on a new Limited MUN beneficial use scheduled for 30 July 2015 at the Central Valley Water Board. | | | |
| A-15 | Central Valley Pyrethroids Basin Plan Amendment | 2015-06-26 In development. Scoping meeting held in October 2012. Stakeholder meetings held in Sept-Nov 2014, May 2015. Scheduled for peer review draft release in Spring 2015, Board Hearing in Spring 2016. | Regional | R5 | |
| A-15 | Template for individual WDRs for new and expanding dairies | 2015-07-03 Issue Paper has been completed and is under internal review. | Regional | R5 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|---|--|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A-15 | Region-wide General Order for MS4s | 2015-07-08 Permittee Working Group meetings ongoing, latest 29 April 2015. Focused meetings with environmental community in January and February 2015. Admin draft permit expected August 2015. | Regional | R5 | |
| A | Development of permit for Federal Non-Point Source activities on Forest Lands | 2015-07-08 R5 staff is working with the USFS and the BLM to develop a waiver of WDRs to cover NPS activities with the potential to affect water quality. An EIR will be developed to address CEQA. | Regional | R5 | |
| A | USFS MOU for BAER activities | 2015-07-08 Staff has engaged the USFS in drafting an MOU that will outline the process by which the Regional Boards may choose to participate in USFS Burned Area Emergency Response (BAER) teams. | Regional | R5 | |
| A | Timber Activities on National Forest System Lands | 2015-05-05 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. | Statewide | SB | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|---|---|-------------------------------|-----------|-------------|
| A-15 | Phase II Small Municipal Separate Storm Sewer System (MS4) Permit Amendment | 2015-04-22 State Water Board staff is working with Regional Water Board staff in developing the proposed amendment of Attachment G (titled Region-specific Total Maximum Daily Loads Implementation Requirements) of the existing Phase II Small MS4 Permit to include TMDL implementation requirements. Staff expects to release the proposed amendment for public comments in June 2015 and go before the State Water Board in November 2015. | Statewide | SB | 11/1/2015 |
| A | Water Effects Ratios | 2015-05-29 Staff is currently conducting research in preparation for the proposed Water Effects Ratio Policy. This project would provide guidance on developing water effect ratios. Staff will provide an update once more information is available. | Statewide | SB | |
| A-16 | Statewide Storm Water Construction General Permit Reissuance | 2015-05-29 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. State Water Board staff is discussing the draft permit and suggested changes to the existing permit with Regional Water Board staff and stakeholders. The project is currently on hold due to total maximum daily load (TMDL) implementation issues in storm water permits. State Water Board staff is allowing TMDL implementation issues to first be resolved through the Board's consideration of TMDLs implemented in the existing Industrial General Storm Water Permit prior to proceeding with consideration of the CGP reissuance. | Statewide | SB | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|--|---|--|-------------------------------|-----------|-------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| *A-15 | Wetland Area Protection and Dredge and Fill Permitting Policy - Phase I | 2015-05-18 State Water Board staff are currently preparing the draft staff report for internal review. This includes the draft policy language and the accompanying draft Substitute Environmental Document (SED). Staff expects to release the proposed policy and SED for public comments by fourth quarter of 2015. | Statewide | SB | 5/31/2016 |
| A-16* | Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II* | 2015-06-23 The development of human health objectives is in progress. Staff, the SQO Advisory Committee, and the 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. Additional outreach and stakeholder input was obtained during the Harbors TMDL Status Stakeholder meeting held on June 16, 2015. Staff will participate on Los Angeles Regional Water Board meeting on Jul 9, 2015. Staff will present an update to the State Board on July 21, 2015. | Statewide | SB | |
| A-15 | Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan | 2015-03-30 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. Staff will provide an update schedule once more information becomes available. | Statewide | SB | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|--|---|-------------------------------|-----------|-------------|
| A-16 | Bacteria Standards for Ocean and Inland Surface Waters | <p>2015-07-09 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 2014 and 2015. See http://www.swrcb.ca.gov/bacterialobjectives/docs/notice_bacteria_objectives.pdf for more information about the Scoping Meetings. The comment period for the scoping document ended at noon on February 20, 2015 and 23 comment letters were received. Staff plans to release draft documents for public review and comment in September 2015. State Board Web site: http://www.waterboards.ca.gov/bacterialobjectives/</p> | Statewide | SB | 5/5/2016 |
| A | Groundwater Quality Protection Strategy | <p>2015-07-06 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 was included in the Executive Officers Report for the June 2015 Central Valley Water Board meeting.</p> | Regional | R5 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|--|--------------------------|--|-------------------------------|-----------|-------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A | Methylmercury Objectives | 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. | Statewide | SB | 6/1/2017 |
| A | Natural Resources | 2015-05-05 A draft natural source issue paper has been submitted to the Basin Planning Roundtable for review and comment. Issues include recommendations for making designations where natural background exceeds the water quality objectives. | Statewide | SB | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|--|---|---|-------------------------------|-----------|-------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A-16 | General Waste Discharge Requirements Order for Large Wineries | 22015-07-09 State Board staff have developed an approach to address wineries with a general order. The concept was discussed briefly at the April 2015 Deputy Management Committee (DMC) meeting and was presented to the Management Coordination Committee on May 27th. Members requested a more detailed evaluation. The evaluation was presented at the June 22, 2015 and on June 29, 2015 management call. Approval to proceed was determined on June 29th. The item will be presented at the July 15th DMC meeting. A memo describing the approach (with revisions) was distributed on June 23, 2015. A project charter is in preparation | Statewide | SB | 7/1/2016 |
| *A-16 | Phase II update of the Bay-Delta Plan: Comprehensive Review | 2015-05-05 State Water Board staff is in the process of a phased review and update of the 2006 Water Quality Control Plan for the Bay-Delta (2006 Bay-Delta Plan). The second phase of the review focuses on the following issues: (1) Delta outflow objectives, (2) export/inflow objectives, (3) Delta Cross Channel Gate closure objectives, (4) Suisun Marsh objectives; (5) potential new reverse flow objectives for Old and Middle Rivers; (6) potential new floodplain habitat flow objectives; (7) potential changes to the monitoring and special studies program, and (8) other potential changes to the program of implementation. Staff is preparing a Scientific Basis Report that will provide the underlying scientific support for proposed flow and water quality objectives. The Report will consider recommendations provided in the Delta Science Program's Workshops Panel Summary Reports on Delta Outflows and Related Stressors (May 2014) and Interior Delta Flows and Related Stressors (July 2014). The Scientific Basis Report is expected to be released for public review in winter 2015. Staff is also developing a Substitute Environmental Document that will provide an evaluation of the potential environmental impacts of the proposed changes to the Bay-Delta Plan. This | Statewide | SB | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|---|---|-------------------------------|-----------|-------------|
| A-15 | Phase I update of the Bay-Delta Plan: San Joaquin River flows and Southern Delta salinity | 2015-06-01 The Draft Substitute Environmental Document(SED) was 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 fall of 2015. Draft plan amendment to be brought to the Board for consideration by spring of 2016. | Statewide | SB | |
| A-15 | Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments | 2015-06-01 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 August 2015 | Statewide | SB | 12/1/2015 |
| A-14 | Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan | 2015-06-26 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 Summer 2015. | Regional | R5 | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|--|--|-------------------------------|-----------|-------------|
| *A | Industrial General Storm Water Permit Reissuance and Implementation | 2015-07-09 The Industrial General Storm Water Permit regulates storm water discharges from specific industrial sectors. Approximately 9,500 individual facilities statewide are covered by the current permit. The State Water Board adopted the permit (2014-0057-DWQ) on April 1, 2014, and it becomes effective July 1, 2015. Due to ongoing technical difficulties with the SMARTS web site, a large number of industrial storm water dischargers required to comply with the July 1, 2015 due date were unable to fulfill the requirement. State Water Board staff has issued a public notice to receive comments on a proposed submittal due date extension, from July 1, 2015 to August 14, 2015. The proposed extension will allow the necessary time to resolve computer web site issues. The proposed due date extension will be considered by the State Water Board at its August 4, 2015 board meeting. Staff is currently working on enrolling dischargers into the electronic reporting database (SMARTS), developing guidance on the permit, conducting outreach, and developing the training program for qualified industrial storm water practitioners (QISPs). This training should be fully available to the public by the end of 2015. Staff has begun developing a strategy, timeline, and case studies for the TMDL reopener built into the permit. The permit requires public notice of these TMDL requirements by July 1, 2016. | Statewide | SB | |
| A-14 | Central Valley Diazinon and Chlorpyrifos Basin Plan Amendment | 2015-07-02 Amendment addressing chlorpyrifos and diazinon in hundreds of valley floor rivers, streams and creeks adopted by Regional Board on 28 March 2014. Approved by the State Water Board on 16 June 2015. Requires OAL and USEPA approval before becoming effective.(Danny McClure) | 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. | 2015-07-02 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 early 2016. Status report provided to Regional Board on 28 March 2014 | Regional | R5 | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|-----|---|--|-------------------------------|-----------|-------------|
| 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 | 2015-07-02 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. State Water Board annual report completed 20 January 2015. Central Valley Water Board workshop conducted 16 April 2015. | Regional | R5 | |
| C | Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan | 2015-06-17 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. | Regional | R5 | |
| A | Mercury TMDL and Water Quality Objectives(Reservoirs) | 2015-06-17 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 regulatory provisions for the objectives, implementation plan, and TMDL. Focused stakeholder group meetings were held in 2014. In addition, staff has met with a reservoir operators focus group four times to discuss and develop ideas and criteria for water chemistry and fisheries management studies and pilot tests. Staff is preparing the staff report for submittal to peer review this fall. | Statewide | R5 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|--|---|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A | Development of the Delta Regional Monitoring Program (RMP) | 2015-07-02 The Delta RMP has a monitoring design for toxicity/pesticides, pathogens, and nutrients and a workplan for FY15/16. Pathogen sampling began in April 2015. (Staff contact, Patrick Morris) | Regional | R5 | |
| *A-17 | Antidegradation Policy | 2015-07-02 The State Water Board is considering preparation of 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 convened from April 2014 through May 2015 to consider focused stakeholder group comments, work on the framework for the policy, and prepare a scoping document. Staff distributed the scoping document in June 2015 to participants of follow-up focused stakeholder group meetings, and held these meetings in June and July 2015 to receive comments on the scoping document. The next steps will be to brief executive management and the Board members on the comments received, and to hold public scoping meetings. The project web page contains summaries of purpose, background, and process; an estimated time line; and links to associated documents. Web page link: http://www.waterboards.ca.gov/plans_policies/antidegradation.shtml | Statewide | SB | |
| A | Nutrient Numeric Endpoints Tools | 2015-05-20 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. In 2014, staff organized a stakeholder advisory group, a science advisory group, and expanded a regulatory advisory group for the nutrients in wadeable streams project. A Science Panel has been formed and will have an initial meeting in June of 2015. Staff plans to continue outreach efforts by having Focus Group meetings during the summer of 2015. | Statewide | SB | 3/21/2017 |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|--|---|-------------------------------|-----------|-------------|
| A-15 | Point of Use/Point of Entry Treatment Device Regulations | <p>2014-10-23 The State Water Resources Control Board (State Board) proposes to adopt regulations governing the use of point-of-use treatment devices (POUs) and point-of-entry treatment devices (POEs) by a public water system (PWS), in lieu of centralized treatment. Existing law requires the State Board to adopt regulations it determines to be necessary to carry out the purposes of the California Safe Drinking Water Act. Staff will initiate the formal rule making process in late 2014 and plan to present the regulations for Board adoption in mid to late 2015.</p> | Regional | SB | |
| A-15 | Safe Drinking Water Plan | <p>2014-12-04 The draft Safe Drinking Water Plan was released for public review and comment on October 6, 2014. Written comments are due by noon on December 15, 2014. Staff held six public workshops across the state to get input from stakeholders. The notice of opportunity to comment and for the public workshops is available at http://www.waterboards.ca.gov/drinking_water/safedrinkingwaterplan/index.shtml</p> | Regional | SB | |
| A-15 | Groundwater Oil and Gas Monitoring Program | <p>2015-05-21 Senate Bill 4 (Pavley, statutes of 2013) requires State Water Board to develop model criteria for groundwater monitoring in areas of oil and gas well stimulation by July 1, 2015 and begin implementation of regional monitoring on or before January 2016. The proposed draft Model Criteria was released for a 30 day public comment on April 29, 2015. A State Water Board workshop was held on May 19, 2015 to hear public input on the draft Model Criteria. Written comment period ends on May 29, 2015. This item is scheduled for the consideration for adoption by the State Water Board at the July 7, 2015 meeting. Information, announcements, and presentations from public meetings to develop model criteria are available on the State Water Board SB 4 web site at: www.waterboards.ca.gov/water_issues/programs/groundwater/sb4/index.shtml</p> | Statewide | SB | |

SIGNIFICANT POLICIES AND PERMITS TABLE

| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
|------|--|---|-------------------------------|-----------|-------------|
| A | Statewide General NPDES Permit for Discharges from Hydrostatic Testing and Site Dewatering of Natural Gas Facilities | 2015-05-22 Staff conducted stakeholder outreach meetings on May 8 and May 21, 2015 to explain the need for the proposed statewide permit and to solicit stakeholder input. The proposed permit will provide coverage for discharges from hydrostatic testing and site dewatering activities of natural gas facilities. The tentative schedule for processing the proposed permit is as follows: September 23, 2015, post draft permit for a 30-day comment period; October 20, 2015, public hearing; and February 2, 2016, adoption meeting. | Statewide | SB | |
| A-16 | Storm Water Strategic Initiative | 2015-06-23 State Water Board staff engaged 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 shift regulation and management of storm water to better focus on incentive-driven, multiple-benefit approaches that achieve tangible results in terms of both improved water quality and supply. The strategic plan proposal will identify actions that support the four Guiding Principles: (1) storm water is a valued resource (2) storm water is a principle factor in the quality and health of California waters (3) addressing storm water pollutants at earlier life-cycle stages is an effective and efficient means of protecting water quality, and (4) improving overall Water Board storm water program efficiency and effectiveness enhances productivity and supports environmental outcomes. The State Water Board will hold a stakeholder meeting to provide information and answer questions from the public on the Proposal to Develop a Storm Water Program Workplan and Implementation Strategy – Including Projects for Immediate Action on July 7, 2015 – 2:00 p.m. The comment period for the Storm Water Strategic Initiative ends July 24, 2015. The State Water Board staff will be bringing this item to the State Water Board on September 16, 2015 | Statewide | SB | 9/16/2015 |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|--|---|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| A | Grazing, Regulatory Action Project (GRAP) | <p>2015-06-24 The purpose of the GRAP is to evaluate strategies that Regional Water Boards can implement to enhance environmental benefits from grazing, protect beneficial uses of surface and groundwater, and address water quality impacts related to livestock grazing in California. The Water Boards have formed a work team co-led by the State Water Resources Control Board and the Lahontan Regional Water Board (Region 6) with active participation of the Regional Water Boards. At present, the GRAP is in an initial assessment phase. No new regulation is proposed at this time. Instead, activity is focused on evaluating the existing regional regulatory strategy and determining whether a statewide regulatory approach could offer additional benefits. The participation of interested stakeholders throughout this process is necessary to its success. Once the assessment phase is concluded, the work team will report its findings back to stakeholders and seek additional input to ensure a transparent and informed process moving forward.</p> <p>Website:http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml</p> | Statewide | R6 | |
| A-15 | General Order for Poultry Facilities | <p>2015-07-03 General Order for poultry raising and egg laying facilities. Issue paper review completed. Drafting of GO has begun.</p> | Regional | R5 | |
| A-15 | Revision of General Order for Existing Dairies | <p>2015-07-03 Revision of General Order R5-2013-0122 to include requirements for land application areas consistent with the Irrigated Lands Regulatory Program requirements.</p> | Regional | R5 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|---|---|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| P | New Manual of Good Practice for Land Application of Food Processing/Rinse Water | 2015-05-07 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 | Cadmium Objective and Hardness Implementation Policy | 2015-06-01 In response to a Jeopardy Biological Opinion by the National Marine Fisheries Service on U.S. EPA's 304(a) recommended acute aquatic life cadmium criterion in the state of Oregon, U.S. EPA's Office of Water is updating its national cadmium criteria. Currently, staff is awaiting U.S. EPA direction to states. | Statewide | SB | |
| A | Blue Green Algae Action Levels | 2015-05-29 The State Water Board provided funding to Office of Environmental Health Hazard Assessment (OEHHA) to develop action levels for blue green algae toxins (cyanotoxins) in water and fish. OEHHA completed a draft report, which was submitted for 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 winery waste guidelines | 2015-07-09 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 | |

| SIGNIFICANT POLICIES AND PERMITS TABLE | | | | | |
|---|---|---|--------------------------------------|------------------|--------------------|
| Key | Item | Status | Statewide or Regional Project | Org. Lead | Target Date |
| 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 | 2015-07-02 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 2016. | Regional | R5 | |
| | | LEGEND | | | |
| | | White = Active effort (A) | | | |
| | | Orange = Targeted for completion in 2015 (A-15) | | | |
| | | Light Green = Targeted for completion in 2016 (A-16) | | | |
| | | Lavender = Targeted for completion in 2017 (A-17) | | | |

ATTACHMENT A - Sanitary Sewer Spills - Summary Report

Count of Spills for March through April 2015

| Count of Spills Month | 5F | | | | 5R | | | | 5S | | | | Grand Total |
|--------------------------|------------|------------|------------|----------|------------|------------|------------|----------|------------|------------|------------|------------|----------------|
| | Category 1 | Category 2 | Category 3 | 5F Total | Category 1 | Category 2 | Category 3 | 5R Total | Category 1 | Category 2 | Category 3 | 5S Total | |
| March 2015 | 0 | 1 | 5 | 6 | 0 | 0 | 5 | 5 | 1 | 1 | 184 | 186 | 197 |
| April 2015 | 1 | 2 | 0 | 3 | 0 | 0 | 2 | 2 | 7 | 2 | 108 | 117 | 122 |
| Total | 1 | 3 | 5 | 9 | 0 | 0 | 7 | 7 | 8 | 3 | 292 | 303 | 319 |

| Spill Cause | Count of Spills | % |
|---|-----------------|-------------|
| Root Intrusion | 193 | 60.5% |
| Debris-General | 46 | 14.4% |
| Grease Deposition (FOG) | 32 | 10.0% |
| Debris-Rags | 10 | 3.1% |
| Operator Error | 10 | 3.1% |
| Pipe Structural Problem/Failure | 8 | 2.5% |
| Other | 6 | 1.9% |
| Vandalism | 5 | 1.6% |
| Debris from Lateral | 3 | 0.9% |
| Debris from Construction | 2 | 0.6% |
| Damage by others not related to CS Const/Maint. | 1 | 0.3% |
| Pump Station Failure-Controls | 1 | 0.3% |
| Pump Station Failure-Mechanical | 1 | 0.3% |
| Pump Station Failure-Power | 1 | 0.3% |
| Grand Total | 319 | 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 | Spill ID | Certification Status | Spill Type | Spill Location Name | County | Did Spill Reach Surface Waters? (Y/N) | Total Spill Volume (gal) | Spill Volume that Reached Surface Waters (gal) | Start Date | Spill Cause | |
|--------|--|----------|----------------------|------------|--|--------------|---------------------------------------|--------------------------|--|------------|---------------------------------|-------------------------|
| 5F | Sanger CS | 814552 | Certified | Category 2 | City of Sanger WWTP | Fresno | No | 70,000 | - | 4/11/2015 | Debris-General | |
| 5S | City of Stockton MUD CS | 814614 | Certified | Category 1 | 1550 W. Fremont Street | San Joaquin | Yes | 22,038 | 11,250 | 4/15/2015 | Pipe Structural Problem/Failure | |
| 5F | Sanger CS | 814541 | Certified | Category 2 | Church and Reagan Avenues | Fresno | No | 6,732 | - | 4/11/2015 | Debris-General | |
| 5S | Sacramento Area Sewer District CS | 814485 | Certified | Category 1 | | 134287 | Sacramento | Yes | 4,540 | 4,525 | 4/7/2015 | Grease Deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814331 | Certified | Category 2 | | 133933 | Sacramento | No | 2,600 | - | 4/1/2015 | Grease Deposition (FOG) |
| 5S | City of Stockton MUD CS | 813792 | Certified | Category 2 | 1135 North Madison St. | San Joaquin | No | 1,341 | - | 3/9/2015 | Debris from Lateral | |
| 5S | City of Stockton MUD CS | 814621 | Certified | Category 2 | 1749 Blackoak Dr. | San Joaquin | No | 1,010 | - | 4/15/2015 | Operator Error | |
| 5S | Sutter Creek CS | 814550 | Certified | Category 1 | Cleanout 4046 in Spanish Street at 175 Spanish Street | Amador | Yes | 1,000 | 1,000 | 4/13/2015 | Root Intrusion | |
| 5F | MD-8A North Fork CS | 813853 | Certified | Category 2 | 33069 Willow Creek Dr | Madera | No | 1,000 | - | 3/11/2015 | Pipe Structural Problem/Failure | |
| 5S | Sacramento Area Sewer District CS | 814438 | Certified | Category 1 | | 134207 | Sacramento | Yes | 792 | 791 | 4/6/2015 | Root Intrusion |
| 5R | Redding City CS | 815014 | Certified | Category 3 | 2420 Athens Ave | Shasta | No | 650 | - | 3/17/2015 | Other (specify below) | |
| 5S | SMD No. 2 CS | 813793 | Certified | Category 1 | 9342 Purdy Lane, Map Book B14-16 | Placer | Yes | 600 | 100 | 3/7/2015 | Root Intrusion | |
| 5R | Redding City CS | 815000 | Certified | Category 3 | 2059 Hilltop Dr | Shasta | No | 600 | - | 3/10/2015 | Other (specify below) | |
| 5S | Tuolumne CS | 814577 | Certified | Category 1 | Tuolumne City Sanitary District Wastewater Treatment Plant | Tuolumne | Yes | 486 | 486 | 4/7/2015 | Pipe Structural Problem/Failure | |
| 5S | Stonegate Village CS | 814330 | Certified | Category 3 | 3040 Stonegate Dr | Sutter | No | 400 | - | 3/30/2015 | Pump Station Failure-Mechanical | |
| 5S | Sacramento Area Sewer District CS | 814866 | Certified | Category 3 | | 132130 | Sacramento | No | 300 | - | 3/2/2015 | Debris-General |
| 5S | Grass Valley City CS | 814733 | Certified | Category 3 | 444 Kate Hayes Street | Nevada | No | 300 | - | 4/19/2015 | Root Intrusion | |
| 5S | Yuba City CS | 814629 | Certified | Category 3 | 1200 Plumas Street | Sutter | No | 300 | - | 4/14/2015 | Grease Deposition (FOG) | |
| 5S | Sacramento Area Sewer District CS | 814929 | Certified | Category 3 | | 132858 | Sacramento | No | 289 | - | 3/14/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814920 | Certified | Category 3 | | 132729 | Sacramento | No | 276 | - | 3/12/2015 | Debris-Rags |
| 5S | Sacramento Area Sewer District CS | 815477 | Certified | Category 3 | | 134081 | Sacramento | No | 273 | - | 4/2/2015 | Root intrusion |
| 5S | California State Prison, Sacramento CS | 814548 | Certified | Category 1 | California State Prison - Sacramento | Sacramento | Yes | 250 | 130 | 4/11/2015 | Vandalism | |
| 5S | Clearlake Oaks Co Wtr Dis CS | 813699 | Certified | Category 3 | 12951 2nd. Street | Lake | No | 250 | - | 3/3/2015 | Debris-General | |
| 5S | City of Sacramento Combined CS | 814302 | Certified | Category 3 | 3809 SAN CARLOS WAY, SACRAMENTO, CA | Sacramento | No | 202 | - | 3/28/2015 | Grease Deposition (FOG) | |
| 5S | City Of Brentwood CS | 814768 | Certified | Category 3 | 785 McClarren Rd. | Contra Costa | No | 200 | - | 4/20/2015 | Grease Deposition (FOG) | |
| 5S | Folsom State Prison CS | 814640 | Certified | Category 3 | Folsom Womens facility Pumping Station | Sacramento | No | 200 | - | 4/17/2015 | Vandalism | |
| 5S | Sacramento Area Sewer District CS | 814881 | Certified | Category 3 | | 132252 | Sacramento | No | 196 | - | 3/4/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814916 | Certified | Category 3 | | 132593 | Sacramento | No | 151 | - | 3/10/2015 | Grease deposition (FOG) |
| 5S | City of Sacramento Utilities CS | 814073 | Certified | Category 3 | 1 CAPITOL MALL, SACRAMENTO, CA | Sacramento | No | 150 | - | 3/23/2015 | Other (specify below) | |
| 5R | Delleker CS | 814483 | Certified | Category 3 | 213 Arriba Ave. | Plumas | No | 150 | - | 4/8/2015 | Grease Deposition (FOG) | |
| 5S | Murphys CS | 814564 | Certified | Category 3 | Manhole # 68 | Calaveras | No | 150 | - | 4/12/2015 | Debris from Lateral | |
| 5S | Sacramento Area Sewer District CS | 814919 | Certified | Category 3 | | 132668 | Sacramento | No | 149 | - | 3/11/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814974 | Certified | Category 3 | | 133647 | Sacramento | No | 113 | - | 3/26/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815505 | Certified | Category 3 | | 134569 | Sacramento | No | 108 | - | 4/11/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815520 | Certified | Category 3 | | 134975 | Sacramento | No | 101 | - | 4/20/2015 | Root intrusion |
| 5R | Mt Shasta CS | 813681 | Certified | Category 3 | East Lake ST | Siskiyou | No | 100 | - | 3/1/2015 | Debris-General | |
| 5S | Lake Berryessa Resort CS | 813861 | Certified | Category 3 | Easment next to 119 Mustang Court | Napa | No | 100 | - | 3/12/2015 | Root Intrusion | |
| 5S | Lathrop CS to Manteca WQCF CS | 814556 | Certified | Category 3 | 800 Toro Lane | San Joaquin | No | 100 | - | 3/25/2015 | Grease Deposition (FOG) | |
| 5S | Sacramento Area Sewer District CS | 815546 | Certified | Category 3 | | 135570 | Sacramento | No | 100 | - | 4/30/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814475 | Certified | Category 1 | | 134258 | Sacramento | Yes | 96 | 92 | 4/7/2015 | Grease Deposition (FOG) |
| 5S | City of Stockton MUD CS | 814674 | Certified | Category 3 | 827 San Miguel Ave Stockton Ca | San Joaquin | No | 90 | - | 4/16/2015 | Debris-General | |
| 5S | City of Sacramento Utilities CS | 813870 | Certified | Category 3 | 2011 OREGON DR, SACRAMENTO, CA | Sacramento | No | 85 | - | 3/11/2015 | Debris-General | |
| 5S | California State Prison, Sacramento CS | 814317 | Certified | Category 3 | California State Prison - Sacramento | Sacramento | No | 80 | - | 3/31/2015 | Debris from Construction | |
| 5S | California State Prison, Sacramento CS | 814319 | Certified | Category 3 | California State Prison - Sacramento | Sacramento | No | 80 | - | 3/31/2015 | Debris from Construction | |
| 5S | Sacramento Area Sewer District CS | 814955 | Certified | Category 3 | | 133279 | Sacramento | No | 76 | - | 3/20/2015 | Root intrusion |
| 5R | City of Orland CS | 813796 | Certified | Category 3 | Heritage Court | Glenn | No | 75 | - | 3/2/2015 | Grease Deposition (FOG) | |
| 5S | City of Stockton MUD CS | 814478 | Certified | Category 3 | 634 Chicago Ave | San Joaquin | No | 65 | - | 4/6/2015 | Root Intrusion | |
| 5S | Davis CS | 814314 | Certified | Category 3 | 2524 Lafayette Drive Davis CA | Yolo | No | 60 | - | 3/31/2015 | Root Intrusion | |
| 5S | Sacramento Area Sewer District CS | 815480 | Certified | Category 3 | | 134136 | Sacramento | No | 56 | - | 4/4/2015 | Root intrusion |
| 5F | City Of Bakersfield CS | 813802 | Certified | Category 3 | Union Ave & Quincy St | Kern | No | 50 | - | 3/5/2015 | Other (specify below) | |
| 5F | MD-8A North Fork CS | 813980 | Certified | Category 3 | 32827 RD 222 | Madera | No | 50 | - | 3/18/2015 | Grease Deposition (FOG) | |
| 5S | Ceres CS | 813979 | Certified | Category 3 | 2205 Eloise Ave. | Stanislaus | No | 50 | - | 3/18/2015 | Grease Deposition (FOG) | |
| 5S | Modesto CS | 814032 | Certified | Category 3 | 2704 Whitcomb Way | Stanislaus | No | 50 | - | 3/21/2015 | Root Intrusion | |
| 5S | Colonial Heights Maintenance District CS | 814842 | Certified | Category 3 | 1816 Cortez | San Joaquin | No | 50 | - | 4/21/2015 | Debris-General | |
| 5S | City of Stockton MUD CS | 813822 | Certified | Category 3 | 7227 Village Green Dr. | San Joaquin | No | 48 | - | 3/5/2015 | Grease Deposition (FOG) | |
| 5S | City of Sacramento Utilities CS | 814843 | Certified | Category 3 | 1405 CLAREMONT WAY, SACRAMENTO, CA | Sacramento | No | 48 | - | 4/28/2015 | Debris-Rags | |
| 5S | Sacramento Area Sewer District CS | 814935 | Certified | Category 3 | | 132947 | Sacramento | No | 47 | - | 3/16/2015 | Root intrusion |
| 5S | City of Stockton MUD CS | 813937 | Certified | Category 3 | 1447 E. Poplar St. | San Joaquin | No | 45 | - | 3/17/2015 | Debris-General | |
| 5S | Waterford CS | 814679 | Certified | Category 3 | Rose Ct | Stanislaus | No | 45 | - | 4/17/2015 | Grease Deposition (FOG) | |
| 5S | Dry Creek CS | 814624 | Certified | Category 3 | 114 Vernon St. | Placer | No | 43 | - | 3/5/2015 | Root Intrusion | |
| 5S | City of Stockton MUD CS | 813915 | Certified | Category 3 | 3536 Grange Ave. | San Joaquin | No | 43 | - | 3/16/2015 | Debris-General | |
| 5S | City Of Folsom CS | 814560 | Certified | Category 3 | 520 Fisher Cir | Sacramento | No | 40 | - | 4/5/2015 | Grease Deposition (FOG) | |
| 5S | Sacramento Area Sewer District CS | 815510 | Certified | Category 3 | | 134708 | Sacramento | No | 40 | - | 4/15/2015 | Root intrusion |
| 5S | City of Stockton MUD CS | 814787 | Certified | Category 3 | 11 E. Willow St. | San Joaquin | No | 39 | - | 4/26/2015 | Root Intrusion | |
| 5S | Sacramento Area Sewer District CS | 815485 | Certified | Category 3 | | 134191 | Sacramento | No | 38 | - | 4/6/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815541 | Certified | Category 3 | | 135303 | Sacramento | No | 38 | - | 4/27/2015 | Debris-Rags |
| 5S | Grass Valley City CS | 814038 | Certified | Category 3 | 230 East Main Street | Nevada | No | 35 | - | 3/17/2015 | Debris-General | |
| 5S | Hangtown Creek CS | 814430 | Certified | Category 3 | Hocking Street, Placerville, CA | El Dorado | No | 35 | - | 3/31/2015 | Debris-General | |

| | | | | | | | | | | | | | |
|----|-----------------------------------|--------|-----------|------------|---|--------|--------------|-----|--|----|----|-----------|---------------------------------|
| 5S | Sacramento Area Sewer District CS | 814966 | Certified | Category 3 | | 133453 | Sacramento | No | | 31 | - | 3/24/2015 | Root intrusion |
| 5S | City of Stockton MUD CS | 814563 | Certified | Category 3 | 1025 N. Van Buren St. | | San Joaquin | No | | 31 | - | 4/13/2015 | Debris-General |
| 5S | Hangtown Creek CS | 814127 | Certified | Category 3 | 3116 Sherdan Street, Placerville, CA | | El Dorado | No | | 30 | - | 3/25/2015 | Debris-Rags |
| 5S | Sacramento Area Sewer District CS | 814952 | Certified | Category 3 | | 133211 | Sacramento | No | | 30 | - | 3/19/2015 | Root intrusion |
| 5S | City of Sacramento Combined CS | 813998 | Certified | Category 3 | 2127 26th STREET, SACRAMENTO, CA | | Sacramento | No | | 30 | - | 3/17/2015 | Debris-Rags |
| 5S | Easterly CS | 814151 | Certified | Category 3 | 164 Del Rio Court | | Solano | No | | 30 | - | 3/28/2015 | Grease Deposition (FOG) |
| 5S | Davis CS | 814513 | Certified | Category 3 | 502 SCRIPPS DRIVE | | Yolo | No | | 30 | - | 4/8/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 815528 | Certified | Category 3 | | 135117 | Sacramento | No | | 30 | - | 4/22/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814870 | Certified | Category 3 | | 132170 | Sacramento | No | | 29 | - | 3/3/2015 | Root intrusion |
| 5S | City of Stockton MUD CS | 814307 | Certified | Category 3 | 1134 Royal Oaks Dr | | San Joaquin | No | | 29 | - | 3/30/2015 | Debris-General |
| 5S | City of Stockton MUD CS | 814676 | Certified | Category 3 | 6704 Lynda Ave Stockton Ca. | | San Joaquin | No | | 29 | - | 4/16/2015 | Debris-General |
| 5S | City of Stockton MUD CS | 814786 | Certified | Category 3 | 536 W. Poplar St | | San Joaquin | No | | 28 | - | 4/24/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814964 | Certified | Category 3 | | 133396 | Sacramento | No | | 27 | - | 3/23/2015 | Root intrusion |
| 5S | Davis CS | 813885 | Certified | Category 3 | 1208 L street | | Yolo | No | | 25 | - | 3/8/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 815533 | Certified | Category 3 | | 135230 | Sacramento | No | | 24 | - | 4/24/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815517 | Certified | Category 3 | | 134914 | Sacramento | No | | 23 | - | 4/18/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814960 | Certified | Category 3 | | 133300 | Sacramento | No | | 22 | - | 3/22/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 814969 | Certified | Category 3 | | 133516 | Sacramento | No | | 22 | - | 3/25/2015 | Root intrusion |
| 5S | City of Woodland CS | 814858 | Certified | Category 3 | 1326 Elwood St | | Yolo | No | | 22 | - | 4/23/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814975 | Certified | Category 3 | | 133674 | Sacramento | No | | 21 | - | 3/27/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 814985 | Certified | Category 3 | | 133790 | Sacramento | No | | 21 | - | 3/30/2015 | Root intrusion |
| 5F | Exeter CS | 814449 | Certified | Category 1 | 320 Beverly | | Tulare | Yes | | 20 | 20 | 4/4/2015 | Pump Station Failure-Power |
| 5S | Angels Camp CS | 813706 | Certified | Category 3 | 1699 South Main St., Angels Camp | | Calaveras | No | | 20 | - | 3/1/2015 | Debris-General |
| 5S | Davis CS | 814044 | Certified | Category 3 | 1619 TAMARACK LANE | | Yolo | No | | 20 | - | 3/21/2015 | Root Intrusion |
| 5S | Davis CS | 814045 | Certified | Category 3 | 2518 Lafayette drive | | Yolo | No | | 20 | - | 3/22/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814911 | Certified | Category 3 | | 132502 | Sacramento | No | | 20 | - | 3/9/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814926 | Certified | Category 3 | | 132848 | Sacramento | No | | 20 | - | 3/14/2015 | Grease deposition (FOG) |
| 5S | City of Stockton MUD CS | 813630 | Certified | Category 3 | 5953 Brush Creek Dr. | | San Joaquin | No | | 20 | - | 3/2/2015 | Debris-General |
| 5S | Uc Davis CS | 813823 | Certified | Category 3 | MRAK Hall | | Yolo | No | | 20 | - | 3/10/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814922 | Certified | Category 3 | | 132739 | Sacramento | No | | 18 | - | 3/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815534 | Certified | Category 3 | | 135245 | Sacramento | No | | 18 | - | 4/24/2015 | Vandalism |
| 5S | Dry Creek CS | 814098 | Certified | Category 3 | 311 Main St | | Placer | No | | 17 | - | 3/7/2015 | Pipe Structural Problem/Failure |
| 5S | Davis CS | 813700 | Certified | Category 3 | 730 G STREET | | Yolo | No | | 15 | - | 3/4/2015 | Root Intrusion |
| 5S | Davis CS | 813889 | Certified | Category 3 | 1020 4th street | | Yolo | No | | 15 | - | 3/15/2015 | Root Intrusion |
| 5S | SMD No. 2 CS | 813851 | Certified | Category 3 | 8355 Walden Woods Way, Granite Bay, Map Book H17-20 | | Placer | No | | 15 | - | 3/8/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 815491 | Certified | Category 3 | | 134417 | Sacramento | No | | 15 | - | 4/9/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815542 | Certified | Category 3 | | 135307 | Sacramento | No | | 15 | - | 4/26/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815543 | Certified | Category 3 | | 135313 | Sacramento | No | | 15 | - | 4/22/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815544 | Certified | Category 3 | | 135372 | Sacramento | No | | 15 | - | 4/27/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815547 | Certified | Category 3 | | 135643 | Sacramento | No | | 15 | - | 4/30/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814863 | Certified | Category 3 | | 132061 | Sacramento | No | | 14 | - | 3/1/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814981 | Certified | Category 3 | | 133737 | Sacramento | No | | 14 | - | 3/28/2015 | Root intrusion |
| 5S | City of Stockton MUD CS | 814171 | Certified | Category 3 | 422 E Poplar St | | San Joaquin | No | | 14 | - | 3/28/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815504 | Certified | Category 3 | | 134568 | Sacramento | No | | 14 | - | 4/13/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814867 | Certified | Category 3 | | 132140 | Sacramento | No | | 13 | - | 3/2/2015 | Root intrusion |
| 5F | Groveland CS | 813954 | Certified | Category 3 | Pine Mountain Lake Country Club 12765 Mueller Groveland Ca. 95321 | | Tuolumne | No | | 12 | - | 3/18/2015 | Grease Deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 815515 | Certified | Category 3 | | 134820 | Sacramento | No | | 12 | - | 4/16/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815518 | Certified | Category 3 | | 134921 | Sacramento | No | | 12 | - | 4/19/2015 | Debris from Lateral |
| 5S | City of Woodland CS | 814631 | Certified | Category 3 | 28 Mariposa Street | | Yolo | No | | 12 | - | 4/13/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814893 | Certified | Category 3 | | 132396 | Sacramento | No | | 11 | - | 3/7/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814943 | Certified | Category 3 | | 133042 | Sacramento | No | | 11 | - | 3/17/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814957 | Certified | Category 3 | | 133285 | Sacramento | No | | 11 | - | 3/21/2015 | Root intrusion |
| 5S | City Of Antioch CS | 815337 | Certified | Category 3 | 3300 MEADOWBROOK ROAD, ANTIOCH | | Contra Costa | No | | 11 | - | 4/21/2015 | Pipe Structural Problem/Failure |
| 5F | City Of Bakersfield CS | 813717 | Certified | Category 3 | 1027 Kern St | | Kern | No | | 10 | - | 3/4/2015 | Other (specify below) |
| 5F | City Of Bakersfield CS | 813718 | Certified | Category 3 | Haley St & Height St | | Kern | No | | 10 | - | 3/4/2015 | Grease Deposition (FOG) |
| 5R | City Of Oroville CS | 814469 | Certified | Category 3 | JJ78LH | | Butte | No | | 10 | - | 3/30/2015 | Root Intrusion |
| 5S | SMD No. 2 CS | 813850 | Certified | Category 3 | 8252 Oak Knoll Drive, Granite Bay, Map Book E15-67 | | Placer | No | | 10 | - | 3/8/2015 | Other (specify below) |
| 5S | Dry Creek CS | 814626 | Certified | Category 3 | 313 Coronado | | Placer | No | | 10 | - | 3/20/2015 | Pipe Structural Problem/Failure |
| 5S | Sacramento Area Sewer District CS | 814868 | Certified | Category 3 | | 132162 | Sacramento | No | | 10 | - | 3/3/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814874 | Certified | Category 3 | | 132200 | Sacramento | No | | 10 | - | 3/3/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814889 | Certified | Category 3 | | 132317 | Sacramento | No | | 10 | - | 3/5/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814906 | Certified | Category 3 | | 132450 | Sacramento | No | | 10 | - | 3/9/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814913 | Certified | Category 3 | | 132565 | Sacramento | No | | 10 | - | 3/10/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814951 | Certified | Category 3 | | 133209 | Sacramento | No | | 10 | - | 3/18/2015 | Debris-General |
| 5S | Easterly CS | 813893 | Certified | Category 3 | 1960 Peabody Rd | | Solano | No | | 10 | - | 3/15/2015 | Grease Deposition (FOG) |
| 5R | City Of Oroville CS | 814467 | Certified | Category 3 | Manhole JJ-48 | | Butte | No | | 10 | - | 4/5/2015 | Debris-Rags |
| 5S | Sacramento Area Sewer District CS | 815527 | Certified | Category 3 | | 135112 | Sacramento | No | | 10 | - | 4/21/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815538 | Certified | Category 3 | | 135278 | Sacramento | No | | 10 | - | 4/25/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814984 | Certified | Category 3 | | 133758 | Sacramento | No | | 9 | - | 3/30/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814908 | Certified | Category 3 | | 132458 | Sacramento | No | | 8 | - | 3/8/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814931 | Certified | Category 3 | | 132876 | Sacramento | No | | 8 | - | 3/16/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814947 | Certified | Category 3 | | 133156 | Sacramento | No | | 8 | - | 3/18/2015 | Root intrusion |

| | | | | | | | | | | | | |
|----|-----------------------------------|--------|-----------|------------|-------------------------------|--------|--------------|----|---|---|-----------|---------------------------------|
| 55 | Sacramento Area Sewer District CS | 814950 | Certified | Category 3 | | 133198 | Sacramento | No | 8 | - | 3/19/2015 | Root intrusion |
| 55 | City of Sacramento Combined CS | 813999 | Certified | Category 3 | 315 16TH ST, SACRAMENTO, CA | | Sacramento | No | 8 | - | 3/17/2015 | Debris-Rags |
| 55 | Sacramento Area Sewer District CS | 815519 | Certified | Category 3 | | 134930 | Sacramento | No | 8 | - | 4/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815523 | Certified | Category 3 | | 135064 | Sacramento | No | 8 | - | 4/21/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815524 | Certified | Category 3 | | 135065 | Sacramento | No | 8 | - | 4/21/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815540 | Certified | Category 3 | | 135285 | Sacramento | No | 8 | - | 4/26/2015 | Grease deposition (FOG) |
| 55 | Sacramento Area Sewer District CS | 814895 | Certified | Category 3 | | 132401 | Sacramento | No | 7 | - | 3/7/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814897 | Certified | Category 3 | | 132410 | Sacramento | No | 7 | - | 3/7/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814902 | Certified | Category 3 | | 132421 | Sacramento | No | 7 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814934 | Certified | Category 3 | | 132945 | Sacramento | No | 7 | - | 3/16/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814945 | Certified | Category 3 | | 133121 | Sacramento | No | 7 | - | 3/18/2015 | Debris-General |
| 55 | City of Stockton MUD CS | 813929 | Certified | Category 3 | 8550 Acapulco Way | | San Joaquin | No | 7 | - | 3/17/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 815472 | Certified | Category 3 | | 133935 | Sacramento | No | 7 | - | 4/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814880 | Certified | Category 3 | | 132228 | Sacramento | No | 6 | - | 3/4/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814885 | Certified | Category 3 | | 132285 | Sacramento | No | 6 | - | 3/2/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814886 | Certified | Category 3 | | 132289 | Sacramento | No | 6 | - | 3/5/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814896 | Certified | Category 3 | | 132404 | Sacramento | No | 6 | - | 3/7/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814924 | Certified | Category 3 | | 132755 | Sacramento | No | 6 | - | 3/12/2015 | Grease deposition (FOG) |
| 55 | Sacramento Area Sewer District CS | 814930 | Certified | Category 3 | | 132872 | Sacramento | No | 6 | - | 3/15/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814953 | Certified | Category 3 | | 133212 | Sacramento | No | 6 | - | 3/19/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814976 | Certified | Category 3 | | 133686 | Sacramento | No | 6 | - | 3/27/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814990 | Certified | Category 3 | | 133893 | Sacramento | No | 6 | - | 3/31/2015 | Root intrusion |
| 55 | City of Stockton MUD CS | 814518 | Certified | Category 3 | 2100 Pacific Av | | San Joaquin | No | 6 | - | 3/31/2015 | Pipe Structural Problem/Failure |
| 55 | City of Woodland CS | 813914 | Certified | Category 3 | 281 Chestnut St | | Yolo | No | 6 | - | 3/11/2015 | Root Intrusion |
| 55 | City of Woodland CS | 814164 | Certified | Category 3 | 126 Norh West St. | | Yolo | No | 6 | - | 3/26/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 815470 | Certified | Category 3 | | 133904 | Sacramento | No | 6 | - | 4/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815522 | Certified | Category 3 | | 135042 | Sacramento | No | 6 | - | 4/21/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 815530 | Certified | Category 3 | | 135200 | Sacramento | No | 6 | - | 4/23/2015 | Debris-Rags |
| 55 | City of Stockton MUD CS | 814395 | Certified | Category 3 | 304 Arc Ave. | | San Joaquin | No | 6 | - | 4/2/2015 | Root Intrusion |
| 55 | City of Stockton MUD CS | 814542 | Certified | Category 3 | 9403 Fox Creek Dr. | | San Joaquin | No | 6 | - | 4/12/2015 | Grease Deposition (FOG) |
| 55 | City Of Brentwood CS | 814128 | Certified | Category 3 | 7224 Brentwood Blvd. | | Contra Costa | No | 5 | - | 3/25/2015 | Pipe Structural Problem/Failure |
| 55 | City Of Folsom CS | 814401 | Certified | Category 3 | 1002 Natoma St | | Sacramento | No | 5 | - | 3/9/2015 | Root Intrusion |
| 55 | City Of Folsom CS | 814413 | Certified | Category 3 | 213 Rugosa | | Sacramento | No | 5 | - | 3/11/2015 | Root Intrusion |
| 55 | Grass Valley City CS | 813988 | Certified | Category 3 | 235South Auburn Street | | Nevada | No | 5 | - | 3/16/2015 | Debris-General |
| 55 | Dry Creek CS | 814625 | Certified | Category 3 | 332 Irene | | Placer | No | 5 | - | 3/18/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 814862 | Certified | Category 3 | | 132056 | Sacramento | No | 5 | - | 3/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814864 | Certified | Category 3 | | 132067 | Sacramento | No | 5 | - | 3/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814887 | Certified | Category 3 | | 132291 | Sacramento | No | 5 | - | 3/5/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814900 | Certified | Category 3 | | 132417 | Sacramento | No | 5 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814901 | Certified | Category 3 | | 132420 | Sacramento | No | 5 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814925 | Certified | Category 3 | | 132775 | Sacramento | No | 5 | - | 3/13/2015 | Grease deposition (FOG) |
| 55 | Sacramento Area Sewer District CS | 814928 | Certified | Category 3 | | 132856 | Sacramento | No | 5 | - | 3/14/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814932 | Certified | Category 3 | | 132878 | Sacramento | No | 5 | - | 3/15/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814939 | Certified | Category 3 | | 132988 | Sacramento | No | 5 | - | 3/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814958 | Certified | Category 3 | | 133286 | Sacramento | No | 5 | - | 3/21/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814963 | Certified | Category 3 | | 133324 | Sacramento | No | 5 | - | 3/23/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814973 | Certified | Category 3 | | 133610 | Sacramento | No | 5 | - | 3/26/2015 | Root intrusion |
| 55 | City of Sacramento Utilities CS | 813905 | Certified | Category 3 | 66 TAYLOR WAY, SACRAMENTO, CA | | Sacramento | No | 5 | - | 3/15/2015 | Root Intrusion |
| 55 | Grass Valley City CS | 814617 | Certified | Category 3 | 612 Kechley | | Nevada | No | 5 | - | 4/11/2015 | Debris-General |
| 55 | Dry Creek CS | 815386 | Certified | Category 3 | 213 Irene | | Placer | No | 5 | - | 4/8/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 815487 | Certified | Category 3 | | 134205 | Sacramento | No | 5 | - | 4/6/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815495 | Certified | Category 3 | | 134460 | Sacramento | No | 5 | - | 4/11/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815500 | Certified | Category 3 | | 134470 | Sacramento | No | 5 | - | 4/12/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815503 | Certified | Category 3 | | 134525 | Sacramento | No | 5 | - | 4/13/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815508 | Certified | Category 3 | | 134615 | Sacramento | No | 5 | - | 4/14/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815513 | Certified | Category 3 | | 134723 | Sacramento | No | 5 | - | 4/15/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815516 | Certified | Category 3 | | 134909 | Sacramento | No | 5 | - | 4/18/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815521 | Certified | Category 3 | | 135024 | Sacramento | No | 5 | - | 4/21/2015 | Operator error |
| 55 | Sacramento Area Sewer District CS | 815525 | Certified | Category 3 | | 135084 | Sacramento | No | 5 | - | 4/22/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814869 | Certified | Category 3 | | 132165 | Sacramento | No | 4 | - | 3/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814882 | Certified | Category 3 | | 132260 | Sacramento | No | 4 | - | 3/4/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814891 | Certified | Category 3 | | 132363 | Sacramento | No | 4 | - | 3/6/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814898 | Certified | Category 3 | | 132414 | Sacramento | No | 4 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814903 | Certified | Category 3 | | 132423 | Sacramento | No | 4 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814905 | Certified | Category 3 | | 132427 | Sacramento | No | 4 | - | 3/9/2015 | Debris-Rags |
| 55 | Sacramento Area Sewer District CS | 814938 | Certified | Category 3 | | 132967 | Sacramento | No | 4 | - | 3/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814941 | Certified | Category 3 | | 133025 | Sacramento | No | 4 | - | 3/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814944 | Certified | Category 3 | | 133062 | Sacramento | No | 4 | - | 3/18/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814946 | Certified | Category 3 | | 133150 | Sacramento | No | 4 | - | 3/19/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814982 | Certified | Category 3 | | 133745 | Sacramento | No | 4 | - | 3/29/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814983 | Certified | Category 3 | | 133749 | Sacramento | No | 4 | - | 3/29/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814988 | Certified | Category 3 | | 133868 | Sacramento | No | 4 | - | 3/31/2015 | Root intrusion |

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|----|-----------------------------------|--------|-----------|------------|---------------------------------------|--------|--------------|----|---|---|-----------|---|
| 55 | Sacramento Area Sewer District CS | 815473 | Certified | Category 3 | | 133943 | Sacramento | No | 4 | - | 4/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815506 | Certified | Category 3 | | 134583 | Sacramento | No | 4 | - | 4/13/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815507 | Certified | Category 3 | | 134596 | Sacramento | No | 4 | - | 4/14/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815529 | Certified | Category 3 | | 135129 | Sacramento | No | 4 | - | 4/22/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815531 | Certified | Category 3 | | 135203 | Sacramento | No | 4 | - | 4/23/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 815535 | Certified | Category 3 | | 135272 | Sacramento | No | 4 | - | 4/24/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815539 | Certified | Category 3 | | 135281 | Sacramento | No | 4 | - | 4/26/2015 | Root intrusion |
| 55 | City Of Folsom CS | 814415 | Certified | Category 3 | 559 Rowlands Ct | | Sacramento | No | 3 | - | 3/20/2015 | Root Intrusion |
| 55 | City Of Folsom CS | 814416 | Certified | Category 3 | 1184 Burwick | | Sacramento | No | 3 | - | 3/17/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 814861 | Certified | Category 3 | | 132055 | Sacramento | No | 3 | - | 3/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814871 | Certified | Category 3 | | 132176 | Sacramento | No | 3 | - | 3/3/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814872 | Certified | Category 3 | | 132192 | Sacramento | No | 3 | - | 3/3/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814873 | Certified | Category 3 | | 132196 | Sacramento | No | 3 | - | 3/3/2015 | Operator error |
| 55 | Sacramento Area Sewer District CS | 814883 | Certified | Category 3 | | 132267 | Sacramento | No | 3 | - | 3/4/2015 | Operator error |
| 55 | Sacramento Area Sewer District CS | 814888 | Certified | Category 3 | | 132312 | Sacramento | No | 3 | - | 3/5/2015 | Debris-Rags |
| 55 | Sacramento Area Sewer District CS | 814890 | Certified | Category 3 | | 132341 | Sacramento | No | 3 | - | 3/5/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814892 | Certified | Category 3 | | 132365 | Sacramento | No | 3 | - | 3/5/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814894 | Certified | Category 3 | | 132398 | Sacramento | No | 3 | - | 3/7/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814899 | Certified | Category 3 | | 132416 | Sacramento | No | 3 | - | 3/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814904 | Certified | Category 3 | | 132424 | Sacramento | No | 3 | - | 3/8/2015 | Vandalism |
| 55 | Sacramento Area Sewer District CS | 814910 | Certified | Category 3 | | 132490 | Sacramento | No | 3 | - | 3/9/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814912 | Certified | Category 3 | | 132525 | Sacramento | No | 3 | - | 3/10/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814915 | Certified | Category 3 | | 132592 | Sacramento | No | 3 | - | 3/10/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814933 | Certified | Category 3 | | 132943 | Sacramento | No | 3 | - | 3/16/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814936 | Certified | Category 3 | | 132948 | Sacramento | No | 3 | - | 3/16/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814937 | Certified | Category 3 | | 132956 | Sacramento | No | 3 | - | 3/17/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814942 | Certified | Category 3 | | 133038 | Sacramento | No | 3 | - | 3/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814948 | Certified | Category 3 | | 133195 | Sacramento | No | 3 | - | 3/17/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814954 | Certified | Category 3 | | 133271 | Sacramento | No | 3 | - | 3/20/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814956 | Certified | Category 3 | | 133282 | Sacramento | No | 3 | - | 3/21/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814967 | Certified | Category 3 | | 133487 | Sacramento | No | 3 | - | 3/24/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814970 | Certified | Category 3 | | 133533 | Sacramento | No | 3 | - | 3/25/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814972 | Certified | Category 3 | | 133579 | Sacramento | No | 3 | - | 3/26/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814980 | Certified | Category 3 | | 133729 | Sacramento | No | 3 | - | 3/28/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814986 | Certified | Category 3 | | 133798 | Sacramento | No | 3 | - | 3/29/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814989 | Certified | Category 3 | | 133870 | Sacramento | No | 3 | - | 3/31/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814991 | Certified | Category 3 | | 133964 | Sacramento | No | 3 | - | 3/31/2015 | Root intrusion |
| 55 | City of Stockton MUD CS | 813817 | Certified | Category 3 | 125 Sequoia Ct. | | San Joaquin | No | 3 | - | 3/10/2015 | Root Intrusion |
| 55 | City Of Antioch CS | 815333 | Certified | Category 3 | 443 Christina Court | | Contra Costa | No | 3 | - | 4/17/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 815474 | Certified | Category 3 | | 133947 | Sacramento | No | 3 | - | 4/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815479 | Certified | Category 3 | | 134110 | Sacramento | No | 3 | - | 4/3/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815481 | Certified | Category 3 | | 134138 | Sacramento | No | 3 | - | 4/4/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815490 | Certified | Category 3 | | 134326 | Sacramento | No | 3 | - | 4/8/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815498 | Certified | Category 3 | | 134465 | Sacramento | No | 3 | - | 4/12/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815532 | Certified | Category 3 | | 135217 | Sacramento | No | 3 | - | 4/24/2015 | Damage by others not related to CS Const/Maint. |
| 55 | Sacramento Area Sewer District CS | 815536 | Certified | Category 3 | | 135274 | Sacramento | No | 3 | - | 4/25/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 815545 | Certified | Category 3 | | 135462 | Sacramento | No | 3 | - | 4/29/2015 | Debris-General |
| 55 | Grass Valley City CS | 813992 | Certified | Category 3 | 821 West Main Street | | Nevada | No | 2 | - | 3/4/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814860 | Certified | Category 3 | | 132052 | Sacramento | No | 2 | - | 3/1/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814876 | Certified | Category 3 | | 132207 | Sacramento | No | 2 | - | 3/3/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814877 | Certified | Category 3 | | 132210 | Sacramento | No | 2 | - | 3/4/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814878 | Certified | Category 3 | | 132217 | Sacramento | No | 2 | - | 3/4/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814879 | Certified | Category 3 | | 132220 | Sacramento | No | 2 | - | 3/4/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814907 | Certified | Category 3 | | 132455 | Sacramento | No | 2 | - | 3/9/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814909 | Certified | Category 3 | | 132468 | Sacramento | No | 2 | - | 3/9/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814914 | Certified | Category 3 | | 132580 | Sacramento | No | 2 | - | 3/10/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814917 | Certified | Category 3 | | 132599 | Sacramento | No | 2 | - | 3/10/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814918 | Certified | Category 3 | | 132613 | Sacramento | No | 2 | - | 3/11/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814927 | Certified | Category 3 | | 132850 | Sacramento | No | 2 | - | 3/14/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814949 | Certified | Category 3 | | 133196 | Sacramento | No | 2 | - | 3/19/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814959 | Certified | Category 3 | | 133288 | Sacramento | No | 2 | - | 3/21/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814961 | Certified | Category 3 | | 133304 | Sacramento | No | 2 | - | 3/22/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814962 | Certified | Category 3 | | 133308 | Sacramento | No | 2 | - | 3/22/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814965 | Certified | Category 3 | | 133447 | Sacramento | No | 2 | - | 3/23/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814968 | Certified | Category 3 | | 133498 | Sacramento | No | 2 | - | 3/24/2015 | Debris-General |
| 55 | Sacramento Area Sewer District CS | 814971 | Certified | Category 3 | | 133576 | Sacramento | No | 2 | - | 3/26/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814978 | Certified | Category 3 | | 133725 | Sacramento | No | 2 | - | 3/28/2015 | Root intrusion |
| 55 | Sacramento Area Sewer District CS | 814979 | Certified | Category 3 | | 133728 | Sacramento | No | 2 | - | 3/28/2015 | Root intrusion |
| 55 | City Of Antioch CS | 815334 | Certified | Category 3 | 1008 EASTBOURNE CT, ANTIOCH, CA 94509 | | Contra Costa | No | 2 | - | 4/16/2015 | Root Intrusion |
| 55 | City Of Antioch CS | 815338 | Certified | Category 3 | 500 E STREET, ANTIOCH | | Contra Costa | No | 2 | - | 4/23/2015 | Root Intrusion |
| 55 | Deer Creek CS | 814723 | Certified | Category 3 | DC-2015-04-03 | | El Dorado | No | 2 | - | 4/21/2015 | Root Intrusion |
| 55 | Sacramento Area Sewer District CS | 815471 | Certified | Category 3 | | 133907 | Sacramento | No | 2 | - | 4/1/2015 | Root intrusion |

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|----|-----------------------------------|--------|-----------|------------|------------------|--------|--------------|----|---|---|-----------|-------------------------------|
| 5S | Sacramento Area Sewer District CS | 815483 | Certified | Category 3 | | 134142 | Sacramento | No | 2 | - | 4/4/2015 | Vandalism |
| 5S | Sacramento Area Sewer District CS | 815484 | Certified | Category 3 | | 134154 | Sacramento | No | 2 | - | 4/4/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815486 | Certified | Category 3 | | 134198 | Sacramento | No | 2 | - | 4/6/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815488 | Certified | Category 3 | | 134254 | Sacramento | No | 2 | - | 4/7/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 815489 | Certified | Category 3 | | 134283 | Sacramento | No | 2 | - | 4/7/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815492 | Certified | Category 3 | | 134423 | Sacramento | No | 2 | - | 4/9/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 815493 | Certified | Category 3 | | 134434 | Sacramento | No | 2 | - | 4/10/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815497 | Certified | Category 3 | | 134464 | Sacramento | No | 2 | - | 4/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815502 | Certified | Category 3 | | 134473 | Sacramento | No | 2 | - | 4/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815512 | Certified | Category 3 | | 134720 | Sacramento | No | 2 | - | 4/15/2015 | Root intrusion |
| 5S | City Of Brentwood CS | 814167 | Certified | Category 3 | 346 Plppo Ave | | Contra Costa | No | 1 | - | 3/27/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 814865 | Certified | Category 3 | | 132128 | Sacramento | No | 1 | - | 3/2/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 814875 | Certified | Category 3 | | 132204 | Sacramento | No | 1 | - | 3/2/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814884 | Certified | Category 3 | | 132284 | Sacramento | No | 1 | - | 3/4/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814921 | Certified | Category 3 | | 132737 | Sacramento | No | 1 | - | 3/12/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 814923 | Certified | Category 3 | | 132750 | Sacramento | No | 1 | - | 3/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814940 | Certified | Category 3 | | 132996 | Sacramento | No | 1 | - | 3/17/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 814977 | Certified | Category 3 | | 133698 | Sacramento | No | 1 | - | 3/27/2015 | Grease deposition (FOG) |
| 5S | Sacramento Area Sewer District CS | 814987 | Certified | Category 3 | | 133836 | Sacramento | No | 1 | - | 3/31/2015 | Root intrusion |
| 5S | Modesto CS | 814794 | Certified | Category 3 | 140 E Morris Ave | | Stanislaus | No | 1 | - | 4/22/2015 | Root Intrusion |
| 5S | Dry Creek CS | 815239 | Certified | Category 3 | 411 Loretto Dr | | Placer | No | 1 | - | 4/16/2015 | Root Intrusion |
| 5S | Sacramento Area Sewer District CS | 815475 | Certified | Category 3 | | 133985 | Sacramento | No | 1 | - | 4/2/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 815476 | Certified | Category 3 | | 134027 | Sacramento | No | 1 | - | 4/2/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815478 | Certified | Category 3 | | 134094 | Sacramento | No | 1 | - | 4/3/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815482 | Certified | Category 3 | | 134139 | Sacramento | No | 1 | - | 4/3/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815494 | Certified | Category 3 | | 134453 | Sacramento | No | 1 | - | 4/10/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815496 | Certified | Category 3 | | 134461 | Sacramento | No | 1 | - | 4/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815499 | Certified | Category 3 | | 134467 | Sacramento | No | 1 | - | 4/12/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815501 | Certified | Category 3 | | 134471 | Sacramento | No | 1 | - | 4/12/2015 | Debris-General |
| 5S | Sacramento Area Sewer District CS | 815509 | Certified | Category 3 | | 134628 | Sacramento | No | 1 | - | 4/14/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815511 | Certified | Category 3 | | 134712 | Sacramento | No | 1 | - | 4/15/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815514 | Certified | Category 3 | | 134728 | Sacramento | No | 1 | - | 4/15/2015 | Operator error |
| 5S | Sacramento Area Sewer District CS | 815526 | Certified | Category 3 | | 135106 | Sacramento | No | 1 | - | 4/22/2015 | Root intrusion |
| 5S | Sacramento Area Sewer District CS | 815537 | Certified | Category 3 | | 135277 | Sacramento | No | 1 | - | 4/25/2015 | Root intrusion |
| 5S | Stonegate Village CS | 815011 | Certified | Category 3 | 3149 Monroe Ave | | Sutter | No | 1 | - | 4/27/2015 | Pump Station Failure-Controls |