

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
June 4/5, 2015

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SUCCESS STORIES

1. **Delta Regional Monitoring Program.** A Delta Regional Monitoring Program milestone was achieved this April when the program collected its first samples for pathogens. The pathogen study is a joint collaboration between Municipal Water Quality Investigations, the Central Valley Drinking Water Policy Workgroup, and the Delta Regional Monitoring Program (Delta RMP). The Delta RMP will also initiate sampling for pesticides and toxicity in the next few months. The Regional Monitoring Program has successfully created a Steering Committee and Technical Advisory Committee and has also successfully implemented sustainable funding mechanisms. The program is operating under a monitoring design approved by the Steering Committee. The monitoring design establishes four focus areas for Delta monitoring and studies: pathogens, nutrients, pesticides/toxicity, and mercury.
2. **Royal Mountain King Mine Basin Plan Amendment and Revision to Sources of Drinking Water Policy Approved.** The State Water Board's Sources of Drinking Water Policy establishes the primary principle that all surface and ground waters within the State should be considered suitable, or potentially suitable, for the municipal and domestic supply ("MUN") beneficial use, but contains general exceptions to this principle. Groundwater beneath the Royal Mountain King Mine ("RMKM") Site in Calaveras County is naturally high in salts, and is not presently or potentially suitable for MUN. However, none of the Sources of Drinking Water Policy's general exceptions was found to be applicable to the entire RMKM Site. After developing a closure strategy for the RMKM Site, the Central Valley Water Board found that de-designating certain beneficial uses at the RMKM Site was reasonable and appropriate in furtherance of this closure strategy. On 28 March 2014, the Central Valley Water Board adopted a Basin Plan Amendment to de-designate groundwater beneficial uses in portions of the RMKM Site.

On 20 January 2015, the State Board approved the Amendment and revisions to the Sources of Drinking Water Policy to establish a site-specific exception for groundwater beneath portions of the RMKM Site.

On 20 May 2015, the Office of Administrative Law gave final approval to the regulatory action amending the Central Valley Water Board's Basin Plan and revising the Sources of Drinking Water Policy.

3. **Record of Decision for Former Davis Global Communications Site is Completed, Yolo County.** In April 2015, the Central Valley Regional Water Quality Control Board as the lead regulatory agency, signed the Final Record of Decision (ROD) for the former Davis Global Communications Site (Davis Site). The Air Force, as the lead agency, has determined that no further action is necessary for the Davis Site to protect human health and the environment. Previous response actions conducted at the Davis Site have eliminated the need for further remedial action. The former Davis Site, located approximately 4 miles south of the city of Davis, California, consists of approximately 314 acres. The Davis Site was an annex of the former McClellan Air Force Base (McClellan). In July 1999, the Davis Site was decommissioned in coordination with the closing of McClellan. Soil and groundwater remediation activities were conducted from 1988 to 2013 and included excavation of diesel contaminated soils, soil vapor extraction and bioventing of soils, groundwater pump and treat, and in-situ groundwater remediation using chemical oxidation and enhanced reductive dechlorination to remove volatile organics.. All facilities and remediation systems have been removed after successfully remediating the site. No further action in groundwater is required at the site because concentrations have been reduced to below maximum contaminant levels. Residual soil concentrations are protective of unlimited use and unrestricted exposure, are protective of water quality and will continue to decrease over time. However, under the terms of the transfer of the property to Yolo County (pending), the property will be used and maintained as a public park or for public recreational purposes in perpetuity. (JDT)
4. **One Hour Martinizing – G Street, 2828 North G Street, Merced, Merced County.** Perchloroethylene (also known as PCE, a dry cleaning solvent) was discovered near a dry cleaner business in groundwater up to 1,600 parts per billion (ppb). Under a 2008 Settlement Agreement with the Central Valley Water Board, the City of Merced cleaned up the soil and groundwater using soil vapor extraction and air sparging. Remaining concentrations of PCE in a few groundwater monitoring wells have stayed below the maximum contaminant level (5 ppb) since discontinuing active remediation in May 2013. The Site was issued a Conditional No

Further Action Determination letter on December 1, 2014 pending the destruction of the groundwater monitoring wells. The site monitoring wells were destroyed during January and March 2015, and a Final No Further Action Determination, Effective Date letter was issued on April 22, 2015. (NC)

5. **City of Oroville Former Class II Surface Impoundments, 1800 Idora Street, Oroville, Butte County, Case No. SLT5R1031 (2050299).** From 1970 to 2004, a total of five surface impoundments were used at the Site to manage olive brine processing wastewater from a neighboring olive plant. In order to comply with Waste Discharge Requirements (WDR) Order 90-228, three Class II surface impoundments were constructed in 1991. The management of olive brine wastewater at these impoundments was subsequently regulated under WDR Order 97-231. Because wastewater discharge ceased in June 2004 and all waste management unit closures were completed in 2006, WDR Order 97-231 was rescinded in June 2007. In July 2007, Central Valley Water Board staff issued a Post-Closure Monitoring and Reporting Program (MRP) for the Site. As per the MRP, monitoring wells MW-1, MW-3, MW-5, MW-9, MW-10, MW-11 and MW-13 were sampled on a semi-annual basis for three years (6 sampling events) for TDS, electrical conductivity, chloride and sodium. Historical groundwater data for TDS, chloride, and sodium indicates decreasing trends of these constituents at the Site. Review of iso-concentration maps (for TDS, chloride, and sodium) from the October 2009 and April 2010 sampling events indicate that the highest groundwater impacts are centered down gradient of monitoring well MW-9. Based on the available information, remaining contaminants at the Site do not pose a significant threat to human health and the environment. Soil pollution likely remains at the Site but isolated to the 4-acre Pond area. Time to reach cleanup goals for TDS and chloride in groundwater was calculated to be between approximately 1 to 4 years. Furthermore, there are no domestic or municipal wells located within 2,000 feet of the Site. The monitoring wells were properly abandoned in November 2014. The Site was closed in April 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) **FRESNO OFFICE**

- **Haga Automotive, 450 Fresno Street, Parlier, Fresno County**
The site is currently an automotive repair facility that formerly sold gasoline. Two USTs were removed in 1995, and gasoline was detected in soil. Subsequent investigations determined that groundwater in the source area had been impacted, but the primary MCLs for gasoline constituents were not exceeded. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 1 April 2015.
- **Lamoure’s Cleaners, 3857 East Ventura Avenue, Fresno, Fresno County**
The site currently has a vacant building, which was formerly used for a laundry business with fueling facilities for the delivery vehicles. The USTs were removed in March 1989, and gasoline was detected in soil. Additional investigation defined the extent of the impacts. The release did not extend deeper than 45 feet, and groundwater is estimated to be at a depth of 100 feet. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 19 February 2015.
- **Fresno Poultry, 441 North Brawley Avenue, Fresno, Fresno County**

The site currently contains a truck repair business. In December 1991, one diesel UST was removed and diesel fuel was detected in soil. In 1995 an investigation was conducted by excavating a test pit to a depth of 23 feet. Field observations indicated the presence of diesel fuel was still present. An investigation performed in September 2014 determined that diesel extended to a depth of 35 feet and groundwater is expected to be at a depth of 90 feet. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 6 April 2015.

- **Ryder Truck Rental, 2701 East Byrd Avenue, Fresno, Fresno County**

The site is currently a truck servicing facility with an operating UST system. In 2002 the previous UST system was removed, and diesel and gasoline constituents were detected in soil. Investigations conducted between 2004 and 2011 determined that the release extended to groundwater at a depth of 75 feet. Soil vapor extraction performed between 2008 and 2012 removed 29,000 pounds (~4,700 gallons) of petroleum hydrocarbons. The last groundwater monitoring performed in 2011 detected gasoline at low concentrations in two wells. The wells subsequently went dry. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 8 April 2015.

- **Ed's Cars and Tires, 19543 Orange Belt Drive, Strathmore, Tulare County**

The site is currently an automotive repair facility. In 1989 two USTs were removed, and in 2013 Tulare County referred the case to the Central Valley Regional Water Quality Control Board for regulatory oversight. An investigation performed in 2014 determined that the release was minimal and did not threaten groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 18 March 2015.

- **Rincon's Independent Service, 19654 Orange Belt Drive, Strathmore, Tulare County**

The site was formerly a service station and is currently a vacant lot. Seven USTs were removed in 2007 and petroleum hydrocarbons were detected in soil. An investigation in 2007 determined the release was primarily gasoline. Tulare County referred the case to the Central Valley Regional Water Quality Control Board for regulatory oversight in 2013. An investigation performed in 2014 determined that the release was minimal and did not threaten groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 18 March 2015.

b) **REDDING OFFICE**

c) **SACRAMENTO OFFICE**

- **Carlton Tire, 2335 South Main Street, Lakeport, Lake County**

In 2005, Carlton Tire removed two underground storage tanks and discovered that an unauthorized fuel release had occurred. Between 2005 and 2008, Carlton Tire conducted a soil and groundwater investigation. In 2012, Carlton Tire excavated about 26 cubic yards of petroleum hydrocarbon impacted soil from the site. The residual pollution is adequately defined, stable, and extends less than 250 feet downgradient. Petroleum constituent concentrations have dropped significantly over time as a result of natural bio-degradation. The site was closed on 15 April 2015.

- **Corners Service Station, 6000 Steele Canyon Road, Napa, Napa County**

In 1995, three underground storage tanks (USTs) were removed from the Site, a release of petroleum hydrocarbons was discovered, and investigation began. About 40,000 gallons of water was pumped from the UST excavation, removing an unknown volume of dissolved phase petroleum hydrocarbons. About 200 cubic yards (yd³) of soil was excavated from the dispenser island area, and about 1,000 yd³ of soil was excavated from the UST pit, which removed about 180 pounds (28.7 gallons) of total petroleum hydrocarbons as gasoline (TPH-G). SVE was also conducted and removed an estimated 4,675 pounds (about 719 gallons) of vapor phase TPH-G. The Site meets the general and site-specific criteria for case closure under the Low Threat Closure Policy. The site was closed on 11 March 2015.

- **Dopaco, Inc. Case 1, 800 West Church Street, Stockton, San Joaquin County**

In September 1986, one 4,000-gallon toluene UST was removed at the Site. In February 2014, over-excavation removed about 9.3 pounds (1.5 gallons) of toluene. Post remedial groundwater monitoring showed groundwater impacted by toluene is limited to an area around the former tank and north into West Church Street. About 2.5 pounds (0.4 gallons) of toluene remain the soil and groundwater pollution. Groundwater is estimated to reach MCLs in 60 years (2075). Public participation was completed and the case was closed on 15 April 2015.

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

Sacramento County

- Caltrans Equipment Headquarters Shop (Equipment Shop), Corner 34th Street and Stockton Boulevard, Sacramento
- 1430 Alhambra Boulevard, Office Building Site, 1430 Alhambra Boulevard, Sacramento
- Arco Station #2183, 2828 J Street, Sacramento
- Arco Station #337, 9401 Madison Avenue, Orangevale
- Shell Service Station, 13397 Folsom Boulevard, Folsom
- Johnson Property, 3145 Arden Way, Sacramento
- Former Signal Oil Station, 3644 J Street, Sacramento
- Kentucky Fried Chicken, 3672 J Street, Sacramento
- Former Shell Service Station, 1601 L Street, Sacramento
- Arco Station #5424, 8024 Elder Creek Road, Sacramento
- Arco Station #6188, 4421 Florin Road, Sacramento
- Former Eagle Gas Station, 6661 Folsom Boulevard, Sacramento
- Former 76 Service Station #5911, 2330 Broadway (A.K.A. 2326 24th Street), Sacramento

San Joaquin County

- Former Harry's Auto, 2662 North Wilson Way, Stockton

Tulare County

- Sunrise Deli-Mart, 40570 Road 128, Cutler
- Sunrise Handymart, 23013 Avenue 196, Strathmore

STAFF RECOGNITION

EMPLOYEE OF THE MONTH AWARD

FRESNO OFFICE February, 2015

Candidate: Pam Buford
Unit: CV-SALTS, Planning, and Grants
Title: Senior Environmental Scientist-Specialist
Supervisor: Lonnie Wass

Pam Buford has been recognized by seniors and supervisors in the Fresno office for her work on both Fresno projects, as well as projects throughout the region. Pam has been very active representing the region in the CV-SALTS program. Pam tracks and maintains the region's groundwater strategy and work plan, and writes the briefings provided each month to the Board. She provides leadership to the planning, SWAMP, and non-point source staff in the Fresno office. She keeps abreast of the funding available for water quality projects and sees that this information is known to the staff that is meeting with communities or groups addressing water concerns. Pam does all of this with competence and a good outlook, and is a valuable employee of the Board.

SACRAMENTO OFFICE March 2015

Candidate: Anne Littlejohn
Unit: Planning/CV-SALTS
Title: Senior Environmental Scientist
Supervisor: Jeanne Chilcott

Anne Littlejohn is a dedicated, hardworking scientist who has the ability to work with diverse stakeholder groups on complicated basin planning issues and keep those individuals focused and moving toward consensus. Recent examples include her efforts with the CV-SALTS Lower San Joaquin River Committee which is developing salinity objectives for the river upstream of the Delta as well as a broader effort to develop appropriate beneficial uses and levels of protection for ag dominated water bodies. Since Anne began working with the Lower San Joaquin River Committee, they have developed a preferred water quality objective alternative and are narrowing their focus on methods of implementation. For the ag dominated water body effort, she successfully helped stakeholders develop a basin plan amendment to dedesignate the municipal and domestic supply beneficial use from twelve, constructed and/or modified agricultural drains (adopted by our Board in April) and with the stakeholders, is building off of that project to develop a consistent, transparent and streamlined process to evaluate appropriate application and level of protection for MUN in all Central Valley ag dominated water bodies. Throughout these efforts, Anne maintains a positive working relationship with the stakeholders, listens closely to their concerns and provides creative solutions for open discussion. She brings this same positive attitude to all of her day to day in-house activities which makes her a key contributor as well as a pleasure to have on any team effort.

Candidate: Brad Shelton
Unit: Site Cleanup
Title: Engineering Geologist
Supervisor: Steve Meeks

Brad Shelton is an Engineering Geologist with over 13 years of environmental experience who has been working in the Site Cleanup Program at the Central Valley Water Board since January 2012. During his time at the Board, Brad has proven to be a valuable employee. Over the last three plus years, Brad has shown that he can take charge of large difficult projects and work well with all stakeholders, while still getting the job done. Brad has been a solid and respected voice for the Water Board on many water quality issues. He also provides valuable input to not only responsible parties during emergency responses, but to all regulatory agencies that may be involved with emergency response actions.

Brad provides the Water Board's regulatory over-sight for the downtown Sacramento Railyards Cleanup project, which is one of the largest brownfield development projects in the western US. Through his regulatory over-sight, Brad has contributed valuable input to the cleanup process of the Railyards and has gained recognition and praise from our DTSC counter parts, which greatly appreciate and rely on his input to this important Sacramento project.

Not only has Brad worked successfully with Railyards project stakeholders, but he has successfully worked with the City of Sacramento and their developers for the construction of the new downtown Sports Arena that lies within the footprint of the Railyard's consultation zone. His work with the City of Sacramento and their developer's allowed the project to proceed forward with minimal disruptions yet provided the necessary environmental protections during a major dewatering event at the site.

In addition to managing his large projects, Brad also manages the office of emergency reports that we receive on a daily basis. Brad provides excellent follow-up and support to not only our office during emergency situations, but provides valuable input for emergency cleanups to stakeholders and other regulatory agencies during emergency cleanups.

In summary, Brad is a team player who always goes above and beyond his duties. He is fair with all responsible parties and works well with all stakeholders including local and sister agencies to ensure that the environment is protected to the best of his abilities.

April 2015

Candidate: Scott Mills
Unit: Administration
Title: Business Services Associate
Supervisor: David King

One of Scott's duties is to see the overall maintenance of the State Vehicles. Scott recognized a need for staff to use a state vehicle correctly, like the use of the voyager card, correct logging in the log book, etc., and therefore developed a training plan to assist the drivers. He created a document that provided "how to's" for a state vehicle. How to refuel and use the Voyager card correctly, what to do in the event of an accident, how to report vehicle issues, how to use the Prius. This training has provided positive feedback and the class has been taken by about 50 staff members already. Scott will be providing training for both the Redding and Fresno offices as well.

Candidate: Stephanie Tadlock
Unit: Water Quality Certifications
Title: Environmental Scientist
Supervisor: Elizabeth Lee

Stephanie is an Environmental Scientist in the Sacramento Water Quality Certifications Unit. Stephanie has been with the Water Quality Certifications Unit for 6-1/2 months. In the short time that Stephanie has been with us, she has worked hard to develop analytical and organizational skills which results in high productivity and water quality certifications protective of water quality. Stephanie produces approximately 8 Certifications per month, which translates to a Certification being issued every 2-1/2 days.

In addition, Stephanie represents Region 5 on several inter-agency review teams including the National Fish and Wildlife Foundation In-Lieu Fee Program, the Placer County Habitat Conservation Plan, and the Solano County Habitat Conservation Plan. Stephanie also conducts field inspections to verify compliance with water quality certifications.

Stephanie researches all issues to make sure the necessary information is available to make informed decisions. She also coordinates well with staff in other sections and region. Stephanie exhibits a high level of customer service and communicates well with applicants, interested parties, and other agencies during the development of Certifications. Stephanie is always eager to take on new assignments. Her work productivity and strong commitment to customer service makes her a valuable member of the unit and the organization. Stephanie is deserving of the Employee Recognition Award.

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 30 April 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	8	100%	n/a	n/a	
Major Individual Permits Facilities Inspected	22	20	91%	n/a	21	
Minor Individual Permits Issued, Revised and Renewed	16	11	69%	n/a	n/a	It is anticipated that the target will be met, or exceeded.
Minor Individual Facilities Inspected	10	19	190%	n/a	23	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	21	66%	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	121	86%	141	173	Target increased to 141 to be consistent with FY 2014-15 Work Plan projection. The percent complete calculation reflects this change. Does not include 55 Oil Field sites that are counted in the Land Disposal program.
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	5	56%	8	n/a	One Landfill WDR was amended, not adopted, and is not counted towards the Performance Metric. Therefore the target has been revised. It is anticipated that the revised target will be met.
Landfill Inspections	83	60	72%	n/a	85	
All Other Permits Issued, Revised and Renewed	7	4	57%	n/a	n/a	
All Other Inspections	52	78	150%	n/a	25	*Other" inspections includes: mines, oil fields, and other (e.g., "olive company surface impoundment"). Includes 55 Oil Field sites that were originally categorized as WDR inspections.
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	334	116%	n/a	493	Additional inspections have been conducted to accommodate permittees' requests for enrollment terminations and in response to complaints.
Stormwater Industrial Facilities Inspected	195	181	93%	n/a	200	
Stormwater Municipal Facilities Inspected	0	0	N/A	n/a	0	
Other Programs						
Timber Harvest Inspections	160	148	102%	166	169	The Performance Metric for the TH 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	272	85%	n/a	312	
Clean Up						
New DoD Sites Into Active Remediation	56	43	77%	n/a	n/a	
New SCP Sites Into Active Remediation	80	29	36%	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	40	95%	n/a	n/a	
New UST Sites Into Active Remediation	59	48	81%	n/a	n/a	
Underground Storage Tank Sites Closed	103	89	86%	n/a	n/a	
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

ENFORCEMENT

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

Placer-Nevada Counties Environmental Crimes Task Force Meeting

Central Valley Water Board Sacramento Office Staff participated in a Placer-Nevada Counties Environmental Crimes Task Force meeting on 1 April 2015. The meeting was facilitated by the Environmental Circuit Prosecutor and Deputy District Attorney for Placer and Nevada Counties and was attended by Federal, State, County, and Local environmental law enforcement agencies. Regional Board enforcement staff discussed priorities and methodology for water quality protection and enforcement in Placer and Nevada Counties and listened to others about their concerns regarding potential threats to water quality. Regional Board staff reached out to other parties present at the meeting regarding the report of potential violations in Placer County. Staff will continue to work collaboratively with other environmental agencies operating within California's Central Valley.

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; and Administrative Civil Liability Complaints and Orders) that have been issued by the Central Valley Regional Board since the previous EO Report (*1 March 2015 through 30 April 2015*).

Enforcement Table 1 – Region 5 Enforcement Orders (*1 March 2015 through 30 April 2015*)

Action Date	Action	Entity	County	Summary
3/4/2015	Cleanup and Abatement Order	City of Modesto	Tuolumne	Cleanup and Abatement Order (CAO) R5-2015-0700 issued pursuant to California Water Code (CWC) sections 13304 and 13267, such that the City of Modesto Department of Public Works shall cleanup and abate the Carpenter Road Landfill in accordance with the scope and schedule indicated in this CAO. The Order includes timelines for the completion of certain tasks and the submittal of specific reports associated with final closure of the Carpenter Road Landfill.
3/5/2015	Administrative Civil Liability	Shasta CSA #17	Shasta	Administrative Civil Liability (ACL) Complaint R5-2015-0580 for Mandatory Minimum Penalty violations from February 2013 through December 2013.
3/10/2015	Administrative Civil Liability	City of Colusa	Colusa	ACL Complaint R5-2015-0516 charging the Discharger in the amount of \$3,000 for MMP effluent limitation violations that occurred between 1 August 2014 and 31 December 2014.
3/11/2015	Administrative Civil Liability	James and Amelia Sweeney	Tulare	ACL Complaint R5-2015-0506 in the amount of \$34,600 for failure to submit their 2013 Annual Report.

Enforcement Table 1 (cont.)

Action Date	Action	Entity	County	Summary
3/12/2015	Administrative Civil Liability	City of Davis	Yolo	ACL Complaint R5-2015-0513 charging the Discharger in the amount of \$6,000 for MMP effluent limitation violations that occurred between 1 April 2014 and 31 December 2014.
3/18/2015	Administrative Civil Liability	City of Vacaville DPW	Solano	ACL Complaint R5-2015-0514 charging the Discharger in the amount of \$6,000 for MMP effluent limitation violations that occurred between 1 January 2014 and 31 December 2014.
3/23/2015	Administrative Civil Liability	Christopher Cordes	Shasta	ACL Complaint R5-2015-0520 for the discharge of sediment-laden water without a stormwater permit and fill material to surface waters associated with the cultivation of marijuana.
3/23/2015	Cleanup and Abatement Order	Christopher Cordes	Shasta	CAO R5-2015-0701 issued in association with ACL Complaint R5-2015-0520 to cleanup and abate discharges associated with the cultivation of marijuana.
3/24/2015	Administrative Civil Liability	Sterling Caviar, LLC	Sacramento	ACL Complaint R5-2015-0515 charging the Discharger in the amount of \$9,000 for reporting violations that occurred between 04 May 2007 and 31 December 2014.
3/24/2015	Administrative Civil Liability	City of Manteca	San Joaquin	ACL Complaint R5-2015-0517 issued in the amount of \$9,000 for six non-serious violations of effluent limitations occurring between 1 December 2010 and 31 December 2014.
3/25/2015	Administrative Civil Liability	Brent Alan Vanderkam	Shasta	ACL Complaint R5-2015-0522 for discharges of sediment-laden stormwater runoff and fill material to tributaries of Cow Creek issued pursuant to CWC section 13385 and associated with marijuana cultivation.
3/25/2015	Cleanup and Abatement Order	Brent Alan Vanderkam	Shasta	CAO R5-2015-0702 issued in association with ACL Complaint R5-2015-0522 to clean-up and abate discharges associated with the cultivation of marijuana.
3/30/2015	Administrative Civil Liability	Modoc Joint Unified School District	Modoc	ACL Complaint R5-2014-0575 in the amount of \$21,000 for MMP violations that occurred between 5 February 2013 and 3 June 2014.
3/30/2015	Cleanup and Abatement Order	California Department of Corrections, Soledad	San Joaquin	CAO R5-2015-0704 requires the Discharger to clean-up and abate the water quality impacts caused by the wastewater treatment plant at Deuel Vocational Institution (DVI), and take the necessary remedial actions in the case of threatened water quality impacts. This CAO was issued in concert with CAOs R5-2015-0703 and R5-2015-0705.
3/30/2015	Cleanup and Abatement Order	California Department of Corrections, Soledad	San Joaquin	CAO R5-2015-0705 addresses violations of the reissued Dairy General Order which represent a threatened discharge to waters of the state, as documented in the Central Valley Water Board's 26 September 2014 NOV. The associated violations have not been corrected as of 15 December 2015 Staff inspection. This CAO was issued in concert with CAOs R5-2015-0703 and R5-2015-0704.
3/30/2015	Cleanup and Abatement Order	California Department of Corrections, Soledad	San Joaquin	CAO R5-2015-0703 addresses violations of the California Water Code and WDRs Order R5-2007-0005, as previously cited in the following documents: (1) 31 July 2014 Notice of Violation, (2) 4 September 2014 Notice of Violation, and (3) 18 November 2014 Water Code section 13267 Order to Submit Technical Reports. This CAO was issued in concert with CAOs R5-2015-0703 and R5-2015-0704.
4/17/2015	Administrative Civil Liability	Carlos and Bernadette Estacio	Stanislaus	ACL Order R5-2015-0037 replaces ACL Complaint R5-2015-0504 and was issued in the amount of \$73,710 for failure to submit Annual Reports for the 2012 and 2013 reporting years and as required by the 2007 General Order and accompanying Monitoring and Reporting Program (MRP).
4/17/2015	Cease and Desist Order	Sterling Caviar, LLC	Sacramento	Cease and Desist Order (CDO) R5-2015-0042 issued to allow the extension of the time schedules for compliance with the arsenic and manganese final effluent limitations until 1 March 2017

Enforcement Table 2 – Statewide Enforcement Actions (1 March 2015 through 30 April 2015)

Region (Office)	Enforcement Actions											Total
	VER	SEL	NOV	EPL	NTC	NNC	13267	CAO	TSO	CDO	ACL	
1	0	0	3	0	0	0	0	0	1	1	1	6
2	0	4	9	1	0	0	0	0	0	0	2	16
3	1	0	5	3	0	0	0	0	0	0	1	10
4	0	21	33	19	16	165	20	1	2	0	3	280
5F	0	1	59	0	0	0	0	0	0	0	1	61
5R	6	0	3	0	0	0	0	2	0	0	4	15
5S	0	4	53	0	0	1	0	4	3	1	6	72
6T	0	5	0	0	0	0	0	0	0	0	0	5
6V	1	0	1	0	0	0	0	1	0	0	0	3
7	0	3	0	0	0	0	0	0	0	0	2	5
8	4	2	3	0	0	1	0	0	0	0	0	10
9	0	7	4	0	0	0	1	0	0	0	0	12
Total	12	47	173	23	16	167	21	8	6	2	20	495
Enforcement Actions:												
VER = Verbal Communication						13267 = Water Code Section 13267 Investigative Letter/Order						
SEL = Staff Enforcement Letter						CAO = Cleanup and Abatement Order						
NOV = Notice of Violation						TSO = Time Schedule Order						
EPL = Expedited Payment Letter						CDO = Cease and Desist Order						
NTC = Notice to Comply						ACL = Administrative Civil Liability						
NNC = Notice of Non-Compliance (Stormwater)												

SANITARY SEWER OVERFLOWS AND COMPLAINTS

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

There were no SSO events resulting in a spill in excess of 50,000-gallons in February of 2015. For this reporting period, there were **7** Category 1, **6** Category 2, and **174** 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/ssso/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 are 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 17 April 2015 the Central Valley Regional Water Board has received **100** complaints related to water quality from Cal/EPA, of which **89 (89%)** have been investigated and closed or referred to another agency. Investigations for the remaining **11** complaints remain ongoing.

DELTA ACTIVITIES

1. **Delta Methylmercury Control Program**

The primary focus of Phase 1 (2011 – 2018) of implementation of the Delta methylmercury TMDL is testing and evaluation of methods to limit methylmercury entering waterways in the Delta and Yolo Bypass. Studies are underway to evaluate the effectiveness of existing treatment methods for municipal wastewater (led by the Central Valley Clean Water Association) and storm water retention basins and low-impact development (by Phase 1 MS4 permittees in the Delta), as well as land and water management measures possibly applicable to managed wetlands, floodplains, and agricultural land. The Department of Water Resources is leading development of models of mercury cycling and transport in the Delta and Yolo Bypass. Interim and final reports for the Delta methylmercury control studies are due to the Central Valley Water Board in late 2015 and 2018, respectively. The Central Valley Water Board funded collection of methylmercury and mercury data from Delta channels, agricultural drains runoff, and within the Yolo Bypass in support of the nonpoint source study efforts. Final analyses of those data are expected in summer 2015.

2. **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 community organizations. Out of seven applications received in January 2015 for the grant program, three have been selected for funding: California Indian Environmental Alliance, Asian Pacific Self-Development and Residential Association, and Lao Khmu Association. Two trainings will be given for these grantees: by webinar on 6 May, and in person on 16 May. MERP community stakeholder meetings are held quarterly and have been scheduled for 20 May, 16 Sept, and 9 December, 2015.

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

In March, the Delta RMP Steering Committee met to discuss comments and revisions to the provisionally approved overall monitoring design for monitoring in the Delta. The design includes pathogen monitoring, current use pesticides and toxicity monitoring, and nutrient analysis. Aquatic Science Center (ASC) staff discussed the budget and the status of funding commitments from Delta stakeholders. The Steering Committee approved the revised FY 14/15 workplan and budget. As requested by the Steering Committee, a decision tracking sheet was created to record how each member voted for each decision.

A program milestone was achieved in April 2015 when the first Delta RMP pathogen study samples were collected. The pathogen study is a joint collaboration between Municipal Water Quality Investigations, the Central Valley Drinking Water Policy Workgroup, and the Delta RMP.

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 starting in June 2015.

At the April 22 Technical Advisory Committee (TAC) Meeting, a Toxicity Identification Evaluation (TIE) subcommittee was formed. This subcommittee is developing criteria for TIE triggers. Also, the TAC is working on responses to the draft Quality Assurance Program Plan developed by ASC for the Delta RMP.

Staff is continually working to increase participation in the RMP. Five 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. Three 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. In April, several of the Phase I Large MS4 permits were amended to allow participation in the Delta RMP. An additional four Phase I permits are scheduled for amendments to allow Delta RMP participation in June. 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 plan to meet with four Irrigated Lands Coalitions that are in or adjacent to the Delta to further discuss opportunities for their participation in the Delta RMP. Potentially the RMP would be coordinating with the Coalitions on sampling locations and parameters. The Coalitions' permits are in the process of being amended to allow participation in the RMP.

4. **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 in the Delta. These problems include an increase in cyanobacteria blooms and macrophytes (Water Hyacinth and Brazilian Waterweed), and a decrease in algal abundance and shift in algal species composition. Science Work Groups are being formed to provide advice on each of these issues. The Science Work Groups are composed of experts from local agencies and academia. White papers have been written on the primary factors controlling cyanobacteria and macrophytes in the Delta. Draft cyanobacteria and macrophyte white papers were reviewed by the Science Work Groups on 3 and 23 April, respectively. A follow up meeting has been scheduled for the cyanobacteria group for 19 May. The purpose of the second meeting is to review the response to comments on the draft cyanobacteria white paper and to develop a table of information gaps. The information gap table will be used to inform the Nutrient Research Plan.

Progress on forming the Science Work Group for evaluating decreases in algal abundance and shifts in algal species composition has been slower. Formation of this group has been delayed because a similar effort is underway as part of San Francisco Bay Regional Water Board's Nutrient Management Program. There is much overlap between the proposed products of the two projects so staff is exploring whether the two efforts can collaborate and a single white paper developed.

5. **BDCP Update**

In 2013 State and Federal Water Agencies released a draft staff report and Environmental Impact Report (EIR/S) for the Bay Delta Conservation Plan (BDCP). The purpose of BDCP was to carry out the coequal goals of the Delta Reform Act by providing Southern California with a more reliable water supply while preserving, restoring and enhancing the Delta Ecosystem. The plan proposed to construct two 40-foot diameter tunnels to carry Sacramento River water south to the State and Federal pumping facilities near Tracy and implement twenty-two other conservation measures to help restore the ecological function of the Delta. In 2014 the State and Federal agencies announced that they were including an additional alternative for evaluation as part of a recirculated draft EIR/S. The new alternative proposes to separate the conveyance facility and habitat restoration measures into two separate efforts. BDCP would be primarily responsible for construction of the water conveyance facility. The recirculated draft EIR/S will be available for public review and comment in coming months. Regional Board staff will be submitting comments at that time.

TMDL BASIN PLANNING

1. **2012 Integrated Report**

The 2012 Integrated Report was approved by the State Water Board on 8 April 2015. The 2012 Integrated Report included assessment, evaluation, and listing recommendations from the North Coast, Lahontan, and Colorado River Water Boards. The Central Valley Integrated Report will be considered as part of a second grouping of reports that includes the Central Coast Water Board and San Diego Water Board. Currently the Central Valley report is scheduled to be brought to the Board in 2016.

2. **Cultural and Subsistence Beneficial Uses**

The Water Boards are forming an internal work group to develop a process for defining beneficial uses to protect cultural and subsistence beneficial uses. The process will include initial outreach to affected and interested stakeholders during the spring and summer of 2015.

3. **Diazinon and Chlorpyrifos Basin Plan Amendment**

A Basin Plan amendment for the control of discharges of the pesticides diazinon and chlorpyrifos was adopted by the Central Valley Water Board in March 2014 (Resolution R5-201400041). Before becoming fully effective, this amendment must be approved by the State Water Resources Control Board, the Office of Administrative Law, and USEPA. Consideration of approval of this amendment is scheduled for consideration by the State Water Resources Control Board on 16 June. Two comment letters were received from agricultural stakeholders during the comment period for the State Water Board's consideration of the amendment, which ended on 23 April. The letters are available at http://www.waterboards.ca.gov/public_notices/comments/rb5/diazinonchlorpyrifos/. Responses to comments received will be included with materials for the State Water Board consideration.

More 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. **Pyrethroids TMDL and Basin Plan Amendment**

On 16 March Jeanne Chilcott, Tessa Fojut and Danny McClure met with USEPA staff in San Francisco to discuss the development of the Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment

On 4 May Jeanne Chilcott, Tessa Fojut and Danny McClure, and participated in a meeting with the Pyrethroid Working Group (a consortium of pyrethroid pesticide manufacturers) and the Department of Pesticide Regulation regarding ecological risk assessments for pyrethroid pesticides. The risk assessment presented is being prepared by the PWG for consideration by USEPA's Office of Pesticide Programs in their registration review for pyrethroid pesticides.

On 5 May, a stakeholder meeting led by Tessa Fojut was held regarding development of the Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment. The focus of the meeting was to provide an update on the proposed water quality objectives and implementation language before sending the draft staff report for peer review. Nineteen stakeholders attended the meeting, as well as staff members Jeanne Chilcott and Danny McClure.

The draft staff report and pyrethroid Basin Plan amendment are scheduled for peer review in May 2015, public review by winter 2015/16, and a board workshop and consideration of board adoption in spring 2016. Background information, including stakeholder meeting materials are available at:

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/pyrethroid_tmdl_bpa/index.shtml

DAIRIES

1. Enforcement

Staff has issued notices of violation (NOVs) to a number of dairies covered under the Order for which notification was received that their membership with Representative Monitoring Program had been cancelled. The NOVs directed the discharger to provide documentation that they have re-joined the CVDRMP and are a member in good standing. Many of these dairies are suspected to have closed, but have not submitted a Closure Plan as required by the Order. Others have subsequently re-enrolled in the Program. Staff intends to issue a directive under authority of Water Code section 13267 requiring the discharger to implement individual groundwater monitoring at the dairy for those dairies that have not adequately responded to the NOV in a timely manner.

2. Inspections

Staff has completed approximately 300 dairy inspections for FY 2014/15 to date, including 250 compliance inspections. This current pace is congruent with the target performance goal of inspecting each CDQAP-certified dairy covered under the Dairy General Order 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). Section 13267 orders have also been issued to owners of inactive ponds and other owners or operators that do not have any known ponds. The purpose of these orders is to certify that there are no unknown ponds in use, or if so, to identify them and characterize the contents. 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.

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.

SITE CLEANUP

1. **Central Shops Cleanup Begins at the Union Pacific Railroad Sacramento Railyards**

After many years of work determining the extent of impacts to the subsurface from over a hundred years of industrial operations at the Sacramento Railyards, cleanup of the historic Central Shops area has finally begun. Staff from the Regional Board and Department of Toxic Substances Control recently approved various parts of the Remedial Design Implementation Plan (RDIP) for the Central Shops and South Plume Study Areas. The approved plan calls for excavation of shallow soils impacted by metals, PAHs, and petroleum hydrocarbons, installation of a separate soil vapor extraction (SVE) system at the New Painting Facility to address VOC impacted soil, installation of SVE underneath the historic buildings, installation of a separate groundwater treatment system at Car Shop Nine, and installation of monitoring wells within the South Plume Study Area.

In addition to the RDIP work staff has been involved in development projects and property transitions that are occurring in Downtown Sacramento and are impacted by Railyards contamination. Staff worked closely with the City of Sacramento and Turner Construction to provide oversight of the dewatering operations at the Entertainment and Sports Complex that is being constructed in Downtown Sacramento. Site Cleanup staff provided feedback on the dewatering operations possible impacts to the South Plume emanating from the Railyards, and NPDES staff helped write a Limited Threat Discharge Permit for the system that was used to discharge groundwater to the Sacramento River during storm events in lieu of discharge to the City of Sacramento's combined sewer system which has a limited capacity.

Staff has also been working with Downtown Railyard Ventures (DRV), the entity that will be purchasing the Railyards property from Inland American Holdings (IAH) who foreclosed on the property several years ago. DRV, IAH, and Union Pacific Railroad have signed an agreement outlining environmental responsibilities for each other that should help avoid many of the development problems that have been encountered in the past. Construction of the first new building at the Railyards, a low income housing unit, should begin next year.

2. **NASA Crows Landing Flight Facility, Crows Landing, Stanislaus County**

The Final Remedial Action Work Plan for Installation Restoration Site 17 at the former NASA Crows Landing Flight Facility was submitted by the Navy in April 2015. The Work Plan presents the scope of work to implement the selected remedy per the 2012 Final Record of Decision. The selected remedy to remediate the primary constituents of concern in groundwater (carbon tetrachloride, chloroform, benzene, and 1,2-dichloroethane) is enhanced in-situ bioremediation with recirculation, combined with monitored natural attenuation and institutional controls. Initial remediation fieldwork is anticipated to begin in May 2015. Duration of the remedial effort is estimated to be eight years.

3. **Former RMW/Champion Parts Rebuilders/Autoline Industries Inc., 2696 South Maple Avenue, Fresno, Fresno County.**

Soil and groundwater underneath and in the vicinity of this site are degraded with chlorinated volatile organic chemicals (CVOCs) such as 1,1-dichloroethene (DCE) and 1,1,1-TCA. The automobile parts rebuilding operations conducted from 1981 to 2001 by Champion Parts Rebuilders and Autoline Industries, Inc. created an off-site groundwater plume that comingled with a PCE groundwater plume generated by the DowBrands, Inc. RMW, the property owner of the subject site at that time, filed a Liquidating Chapter 11 Proceeding in July 2002.

While site assessment work including soil vapor samplings (2003 and 2005) and discrete depth groundwater sampling (2006, performed by DowBrands) was conducted since the bankruptcy filing, no major work to remediate contaminated site soil and to define the extent of the off-site groundwater degradation has been accomplished (no financially viable owner since the bankruptcy case was settled). In the late 2014, JD Home Rentals (a coalition of three different business partnerships) purchased the subject approximately 14-acre property at a County tax sale. The Company recently met with Central Valley Water Board staff to discuss environmental issues at the site (the Company indicated that adverse environmental conditions had not been disclosed to them). Company representatives have subsequently signed up for the Board's cost recovery program and plan to submit a proposal for on-site soil cleanup by the end of May.

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

Initial investigations at the site indicate that past operations and practices associated with historic on-site 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 on-site source area. A Notice of Intent for the proposed pilot study for coverage under General Order R5-2015-0012, *Waste Discharge Requirements General Order for In-Situ Remediation and Discharge of Treated Groundwater to Land* has been submitted by the discharger. Staff has drafted a preliminary Preparation of Notice of Applicability for the proposed pilot study.

SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee policy discussions in March focused on regulating salinity to provide reasonable protection of the agricultural beneficial uses in groundwater. In April policy discussions returned to nitrate permitting strategies and addressing key issues and concerns raised by the environmental justice representatives on those strategies. Also in April a status report was provided to the Board on CV-SALTS progress on implementations strategies and ongoing policy discussions. To continue to meet workplan commitments for the Salt and Nitrate Management Plan, the Executive Committee has increased the number of policy meetings. The schedule with discussion topics can be found at: <http://www.cvsalinity.org/index.php/docs/agendas-notes-and-materials/meeting-materials/3012-snmp-2015-development-schedule-revised/file.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 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 March and April, the committee evaluated potential project alternatives for establishing the appropriate water quality objective and implementation program. A draft technical report on the implementation planning and data modeling was made available to committee members in April for comments, with a final report due at the end of May. 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 17 March, Jim Brownell and Anne Littlejohn participated in a meeting of a technical subgroup of the LSJR Committee, held in Davis. The meeting focused on the development and evaluation of project alternatives and implementation options.

On 17 March, Pamela Creedon, Jeanne Chilcott and Patrick Pulupa participated in an Executive Committee Subgroup meeting with representatives of agricultural, municipal and environmental justice stakeholder groups to discuss managing nitrate discharges to groundwater and provision of safe drinking water supplies.

On March 20, Pamela Creedon, Clay Rodgers, Adam Laputz, Patrick Pulupa, Jeanne Chilcott, Pam Buford, and Glenn Meeks participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on narrative translator for salinity to protect the agriculture beneficial use.

On 26 March, Jim Brownell and Anne Littlejohn participated in the LSJR Committee meeting in Modesto. Project alternatives and selection criteria proposed at the 17 March meeting were reviewed and adjusted as needed by the larger committee.

On March 27, Glenn Meeks and Jeanne Chilcott participated in Technical Advisory Committee meeting. A presentation on the SSALTS Phase 3 Draft Report was presented by CDM-Smith and a discussion on Region 5 Data analysis gaps was presented by Luhdorff & Scalmanini.

On April 9, Pamela Creedon, Clay Rodgers, Adam Laputz, Patrick Pulupa, Jeanne Chilcott, Pam Buford, and Glenn Meeks participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on nitrate permitting strategy summary of key issues addressing concerns raised by the Environmental Justice Community representatives.

On 9 April, Jim Brownell and Anne Littlejohn participated in a technical subgroup LSJR Committee meeting in Sacramento to review issues with averaging periods.

On April 10, Jeanne Chilcott and Pam Buford participated in a conference call with key committee members to prepare material for the annual status update to the Central Valley Water Board scheduled for the April Board Meeting.

On 22 April, Jeanne Chilcott provided an overview of the CV-SALTS initiative including goals, progress to date and schedule, at the Sacramento Valley Water Quality Coalition meeting in Yuba City.

On 23 April, Jim Brownell and Anne Littlejohn participated in the LSJR Committee meeting in Modesto. A review of the draft Technical Report on implementation planning and data modeling of proposed salinity objectives was the main focus of the meeting.

On April 24, 2015, Glenn Meeks attended a DWR webinar on the California Water Plan – 2013 Groundwater Update, which summarized the enhanced groundwater data content that has been added to the CA Water Plan.

On May 1, 2015, Glenn Meeks also attended a webinar listening session on DWR's proposed regulations for hydrologic basin boundary revisions. The webinar discussed what characteristics may be utilized to evaluate basin boundary revision requests and approvals.

On May 1, Jeanne Chilcott and Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on future meeting schedule, needed outreach, and project updates.

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

Monthly staff meetings with representatives of the USBR were held on 23 March and 27 April. 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. Also, discussed was the group being formed to implement the Real Time Salinity Management Program (RTMP) that had been approved by the Board on 4 December 2014. The Westside San Joaquin River Watershed Coalition is currently coordinating a meeting of the entities that have signed the Memorandum of Understanding (MOU) included in the Board approved RTMP. Due to scheduling conflicts, the first meeting was not scheduled as previously planned, but is anticipated to occur in May or June. The MOU has been signed by the San Joaquin Valley Drainage Authority on behalf of the Westside San Joaquin River Watershed Coalition, and the San Luis & Delta-Mendota Water Authority, on behalf of its members participating in the Grassland Basin Drainage Management Activity Agreement. Also, the East San Joaquin Coalition voted to sign the MOU.

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 is posted on the Central Valley Water Board website for a 30-day public comment period.

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 in the summer of 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. A follow-up stakeholder meeting to discuss the feedback

obtained at the workshop, address project challenges including development of a limited MUN beneficial use and associated water quality objects, and discuss next steps will be held in early June 2015.

Meeting Participation – no stakeholder meetings during this period

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 appropriate 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/currently supported and are not anticipated to be supported in the future.

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 a 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) uses which may in the future restrict the ability of agriculture to farm in the basin if it is found that practices cause water quality objectives to be exceeded in groundwater. This amendment process is to evaluate appropriate designation and level of protection given the multiple competing uses within a portion of the groundwater basin. 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.

6. **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

1. 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

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. A factsheet has been developed 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 On-going staff participation in IRWM groups (or Regional Water Management Groups) is included under the Public Outreach section of this EO report.

Action 6.4.5 Well Design and Destruction (Abandonment) Program. County well ordinances have been reviewed and evaluated. Staff is now contacting personnel at county agencies (health departments) to determine the specific methods currently used to oversee and enforce well standards.

Action 6.5.1(b) Develop General Order for Poultry, Cattle, or Other Confined Animal Facilities. The goal of this action is to protect groundwater from waste associated with the operation of confined animal facilities including poultry raising and egg laying facilities, bovine feedlots (heifer ranches, beef cattle yards, etc.), and other types of confined animal facilities not covered by the Dairy General Order. A General Order for Bovine Feedlots has been drafted and is being revised to address comments after internal review, particularly regarding incorporation of Irrigated Lands Regulatory Program requirements. A public review and comment period for the draft General Order for Bovine Feedlots is expected within the next three months. The issue papers for the General Order for Poultry facilities has been revised to incorporate

management changes and is in final review. Once the issue paper is approved, drafting of the General Order for Poultry facilities will commence.

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. Staff have been assigned and have continued reviewing the site files to determine the nature of the inactive cases. In the first quarter of 2015, an additional 14 sites in the backlog were reviewed. Of these sites, five were closed, one is a possible candidate for closure, one is a potential site for assessment, three sites need further information in order to make a determination, two sites were assigned to staff, and two sites were deleted due to duplication.

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, we are coordinating with State Water Board, the California Conference of Directors of Environmental Health (CCDEH), and California Onsite Wastewater Association. With their cooperation, on 25 February 2015 we distributed a preliminary completeness checklist for LAMPs to all Central Valley Local Agencies. On 19 March, and 20 April 2015, we met in Woodland with CCDEH to discuss the checklist and Local Agencies' potential concerns. As a follow-up, we are now negotiating in detail with CCDEH on reporting requirements for LAMPs, and will involve State Board mid-May. This summer, we plan to assist State Water Board staff with follow-up technical workshops.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff is using the new state-wide General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd, which was adopted at the State Water Board's 23 September meeting. There are currently 28 applications on file for wastewater treatment and disposal system that appear eligible for enrollment in the small systems general order. Staff are also reviewing applications on file for WDRs by small food processors for possible coverage under the recently issued and expanded conditional waiver for small food processors and small wineries. Finally, Lonnie Wass of the Fresno office is participating as a Lean 6-Sigma team member reviewing the State Water Board's processes for developing general orders to find ways to expedite them.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

1. Waste Discharge Requirements (WDRs) Development

- **Sacramento River Watershed WDRs**

On 23 April and 30 April, staff released proposed revisions to the Waste Discharge Requirements for Growers within the Sacramento River Watershed for public review and comment. The proposed revisions include additional time for the third-party to submit the Comprehensive Groundwater Quality Management Plan and language providing the Coalition an opportunity to participate in a Regional Monitoring Program.

- **Eastern San Joaquin River Watershed WDRs**

On 17 April, the Board adopted revisions to the Waste Discharge Requirements for the Eastern San Joaquin River Watershed. The following revisions were adopted: change the northern boundary of the Eastern San Joaquin River Watershed Area from the Stanislaus River Watershed to the Stanislaus River; change 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; provide a one-year extension for certification of Nitrogen Management Plans in high vulnerability areas; clarify expectations for grower implementation of Nitrogen Management Plans; and add language to the MRP providing the Coalition an opportunity to participate in the Regional Monitoring Program.

- **Western San Joaquin River Watershed WDRs**

On 17 April, the Board adopted revisions to the Waste Discharge Requirements for the Members of the Westside San Joaquin River Watershed Area. The revisions changed the submittal date for 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 Coalition an opportunity to participate in the Delta Regional Monitoring Program.

- **Grassland Bypass Project/Grassland Drainage Area WDRs**

Tentative draft Orders for the Grassland Bypass Project and the Grassland Drainage Area will be posted in early May for a 45-day public comment period. Board hearing for adoption of the two Orders is scheduled for the July board meeting.

- **San Joaquin County and Delta Area WDRs**

On 17 April, the Board adopted revisions to the Waste Discharge Requirements for Growers within the San Joaquin County and Delta Area. The following revisions were adopted: change the southern boundary of the San Joaquin County and Delta Area from sub-basin border lines to the Stanislaus River; change 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; provide a one-year extension for certification of Nitrogen Management Plans in high vulnerability areas; and add language to the MRP providing the Coalition an opportunity to participate in the Regional Monitoring Program.

- **Nitrogen Management Plan Template**

On 13 March, the Central Valley Water Quality Coalitions (CV Coalitions) submitted a detailed description of the Nitrogen Management Plan Technical Advisory Work Group. The Work Group is being convened to address knowledge gaps that need to be filled to allow calculation of a nitrogen ratio in the Nitrogen Management Plans. The detailed description includes the purpose of the Work Group, the questions and issues to be addressed by the Work Group, and the list of Work Group members. The description was released for public review and no comments were received by the 24 April deadline. The Workgroup held its first meeting on 24 April, which included a number of presentations from federal and state agencies, academia and private consultants on tools for calculating nitrogen removal from crops.

- **Sediment Erosion and Control Plan Template**

On 23 April, staff met with Coalitions' representatives to discuss the status of the draft Sediment and Erosion Control Plan template revisions, and options for a training program that would allow growers to self-certify Sediment Erosion and Control Plans. The requirements and elements that should be considered in

Sediment and Erosion Control Assessment Reports were also reviewed. The reports must identify areas susceptible to erosion and the discharge of sediment that could impact receiving waters. The objective of the report is to determine which Member operations are within such areas and need to develop a Sediment and Erosion Control Plan.

2. ILRP Compliance, Outreach & Enforcement

- **East San Joaquin Agricultural Parcel Inspections**

From mid-March through April, ILRP staff inspected 20 parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under an Irrigated Lands General Order. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 directives to commercial irrigated lands that are not covered by the applicable Irrigated Lands General Order.

- **Sacramento Valley Agricultural Parcel Inspections**

From mid-March through April, ILRP staff inspected 63 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.

- **San Joaquin County & Delta Agricultural Parcel Inspections**

From mid-March through April, ILRP staff inspected about 300 parcels in the San Joaquin County & Delta Water Quality 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.

- **West San Joaquin Agricultural Parcel Inspections**

From mid-March through April, ILRP staff inspected 23 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.

- **Tulare Lake Basin Agricultural Parcel Inspections**

In March and April 2015, ILRP staff inspected 319 parcels in the Kings River Watershed Coalition Authority area, 50 parcels in the Tule Basin Water Quality Coalition area and 9 parcels in the Westlands Water Quality Coalition Area. Information gathered during the inspections was used to determine which parcels require coverage under the applicable Tulare Lake Basin General Order.

- **Sacramento Valley Water Code Section 13260 Directives**

In April 2015, ILRP staff issued 41 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 (NOI) obtain either group or individual regulatory coverage within 15 days of receipt of the Directive.

- **San Joaquin County & Delta Code Section 13260 Directives**

In April 2015, ILRP staff issued 35 Directives to growers in the San Joaquin County & Delta Coalition area. 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 (NOI) obtain either group or individual regulatory coverage within 15 days of receipt of the Directive.

- **Tulare Lake Basin Water Code section 13260 Directives**

In March and April 2015, ILRP staff issued 190 Directives to growers in the Kings River Water Quality Coalition, 22 Directives to growers in the Tule Basin Water Quality Coalition area, and 5 Directives to growers in the Westlands Water Quality Coalition area. These directives were sent based on staff

inspections which confirmed the presence of irrigated agricultural operations. The recipients are required to submit a Notice of Intent (NOI) obtain either group or individual regulatory coverage 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 (NOI) obtain either group or individual regulatory coverage within 15 days of receipt of the Directive.

- **East San Joaquin Notices of Violation for Failure to respond to a Water Code section 13260 Directive**

In April 2015, ILRP staff mailed 39 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 Notices of Violation for Failure to respond to a Water Code section 13260 Directive**

In March and April 2015, ILRP staff mailed 90 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 require the recipients to respond within 15 days or face administrative civil liability.

3. **Sacramento River Watershed Coalition Groups**

- **California Rice Commission Coalition**

On 10 April, a staff review memo for the 2014 Annual Monitoring Report (AMR) was provided to the CRC. All required components of the AMR were present and deemed adequately addressed. Staff requested a special study for dissolved oxygen management plans at two monitoring sites.

On 10 April, the Executive Officer approved the CRC's recommended Rice Pesticides Program Management Practices for 2015. Additional actions will be taken to address exceedances of the thiobencarb performance goal during the 2013 and 2014 growing seasons. In addition to continuing with all currently approved management practices, the CRC will support County Agricultural Commissioners (CACs) if actions are taken against individuals for repeated non-compliance with discharge requirements, increase outreach in counties where violations occur, maintain contact with applicators and pesticide crop advisors, and increase funding for off-hours surveillance inspections. The CRC will also support CACs revoking thiobencarb permits for multiple, intentional violations and support the Water Board's authority to revoke coverage under the prohibition of discharge. The CRC will provide an update on the effectiveness of practices at the October RPP stakeholders meeting.

On 18 April, the California Rice Commission submitted a draft Quality Assurance Project Plan (QAPP) for staff review. The draft QAPP incorporates the new reporting and monitoring required by WDR Order R5-2014-0032. The draft QAPP also covers the quality assurance/quality control measures for the Rice Pesticides Program under Resolution No. R5-2010-9001.

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

On 6 April, Northern California Water Association (NCWA) submitted supplemental information in order to satisfy requirements, not previously documented, to serve as a third-party under General Order R5-2014-0030. NCWA delineated roles and responsibilities carried out by subsidiary groups, including the governance structure. Methods were identified to make annual summaries of expenditures of fees and revenues readily available to Members. Based on NCWA's application and supplemental information submitted, staff recommended a Notice of Applicability be issued to NCWA to serve as a third-party.

On 15 April, Sacramento Valley Water Quality Coalition (SVWQC) submitted a request to complete North Canyon and Coon Hollow Legacy Pesticide Management Plans. Staff is in the process of reviewing the request.

On 21 April, the Executive Officer approved SVWQC's request for an extension to submit Monitoring and Reporting Program Report Component 20 of the first Annual Monitoring Report (AMR). Report Component 20 is a summary of Management Practice information collected as part of Farm Evaluation Surveys. The deadline for Report Component 20 was extended to 1 August 2015, but the 1 May 2015 deadline to submit all other components of the AMR remained unchanged.

On 4 May, staff completed review of SVWQC's addendum to its Monitoring Plan Update for the 2015 monitoring year (October 2014 – September 2015). The addendum provides the assessment monitoring plan for the Goose Lake subwatershed which was not specified previously in the monitoring update for 2015.

4. San Joaquin River Watershed Coalition Groups

- **East San Joaquin Water Quality Coalition (ESJWQC)**

On 22 April, staff held the 23rd quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals and status of other activities in progress. The Coalition provided an update on the monitoring results and outreach in the subwatersheds that have active management plans.

On 1 May, staff received the 2014 Annual Monitoring Report for the San Joaquin Chlorpyrifos and Diazinon TMDL Compliance Monitoring prepared jointly by the East San Joaquin Water Quality Coalition and the Westside San Joaquin River Watershed Coalition. Staff is reviewing the report and preparing comments.

On 1 May, staff received the East San Joaquin Water Quality Coalition 2015 Annual Report for the monitoring program from October 2013 through September 2014. Staff is reviewing the report and preparing comments.

- **San Joaquin County and Delta Water Quality Coalition (SJCDWQC)**

On 23 March, staff and the Coalition held a meeting discussing the draft Groundwater Assessment Report. Staff determined that the draft GAR will need further evaluation of disadvantaged communities and further explanation of why certain areas were not included. On 10 April, the San Joaquin County and Delta Water Quality Coalition provided results of a HVA reevaluation for staff feedback.

On 2 April, staff held a meeting with Delta Water Master concerning elevated electrical conductivity results in Sugar Cut from the prior month. DWR requested that the Delta Water Master follow-up with the Central Valley Water Board. Staff has informed the Coalition of the elevated EC readings. The Compliance and Outreach unit will be investigating.

On 13 April staff attended the regular San Joaquin County and Delta Water Quality Coalition Steering Committee meeting. The meeting agenda included items concerning the Coalition's budget, membership status, GAR, Nitrogen Management Plans, Sediment and Erosion Control Plans, and Coalition monitoring program status.

On 17 April, the Board adopted revisions to the Waste Discharge Requirements for the San Joaquin County and Delta area. The revisions include: a deadline change for the Comprehensive Groundwater Quality Management Plan to be due 60 days after Executive Officer approval of the Groundwater Assessment Report, a one-year deadline extension for certifying the Nitrogen Management Plan, San Joaquin County and Delta Area southern boundary modification, and language revisions to the MRP providing the Coalition an opportunity to participate in the Regional Monitoring Program.

On 24 April, staff received the San Joaquin County and Delta Water Quality Coalition's sediment discharge and assessment report by the deadline, as part of the Order requirements. Staff will review the report and provide comments.

On 24 April, staff received the San Joaquin County and Delta Water Quality Coalition's Groundwater Assessment Report by the deadline, as part of the Order deliverable requirements. Staff will provide comments by the end of June. The GAR is the basis for determining High Vulnerability Areas and establishing management plan priorities.

- **Westside San Joaquin River Watershed Coalition (WSJRWC)**

On 23 March, staff held a meeting with WSJRWC to discuss requirements for preparation of the Monitoring Plan Update. The Coalition submitted a revised Monitoring Plan Update for the period of March 2015 through February 2017, which is under staff review.

On 9 April, staff held the quarterly management plan meeting with the Coalition representatives. Staff provided the past quarter's update. The Coalition representatives provided an update on the various focus plans, follow-up regarding the Chlorpyrifos exceedances, and briefed staff on upcoming reports and other grower outreach progress.

On 30 April, Staff visited the WSJRWC's Ingram Creek Drainage area to investigate the chlorpyrifos exceedances that occurred during the recent monitoring. Staff observed drainage patterns within the Ingram Creek Drainage area in order to delineate the actual chlorpyrifos application areas that might have caused the exceedances of the Water Quality Objectives.

On 1 May, staff received the 2014 water year Annual Monitoring Report for the San Joaquin River Chlorpyrifos and Diazinon TMDL Compliance Monitoring prepared jointly by the Westside San Joaquin River Watershed Coalition and East San Joaquin Water Quality Coalition. The report covers the monitoring period from 1 October 2013 through 30 September 2014. It is currently under staff review.

5. **Tulare Lake Basin Coalition Groups**

- **Kern River Watershed Coalition Authority**

On 9 March 2015 and 16 March 2015, staff held a conference call with the Kern River Watershed Coalition Authority to discuss the Groundwater Quality Assessment Report (GAR) submitted on 4 February 2015. The Coalition was able to clarify some of the rationale used in development of the GAR, which will aid staff in reviewing the report.

- **Westside Water Quality Coalition**

On 17 March 2015, a conference call was held with the Westside Water Quality Coalition to discuss the Groundwater Quality Assessment Report development, and methodology used in the determination of High Vulnerability Areas.

6. **Other Projects**

- **Data Management**

Beginning in April, staff began preparing for ILRP water quality data global checks. The global checks discover missing data and ensure complete datasets before the data is transferred to CEDEN. This process ensures the monitoring data is robust and comparable to all ILRP data sets. This will be completed by the end of April.

Beginning in May, the Central Valley Regional Data Center's contract expires and will no longer be able to provide assistance with loading ILRP data to CEDEN. Significant impacts include delayed data uploads to CEDEN. It is not yet known how long the delay will be.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside 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.

Data reports received in acceptable condition through 29 April 2015 are currently being processed and loaded into the Central Valley Regional Data Center (CV RDC) database replica.

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

- **Pesticide Evaluation Advisory Workgroup**

The Waste Discharge Requirements for irrigated lands include requirements to monitor pesticides in surface water, which are to be identified as part of a process developed by Central Valley Water Board staff with input from qualified scientists and in coordination with the California Department of Pesticide Regulation (DPR). A Pesticide Evaluation Advisory Workgroup (Workgroup) was formed in June 2014, and six meetings were held in 2014 and early 2015. Central Valley Water Board staff drafted the initial *Pesticide Evaluation Protocol* based largely on the products and discussions of the Workgroup. The draft document was reviewed by the Workgroup members, and staff is revising the protocol based on the comments received. The final process will be issued by the Executive Officer.

NON POINT SOURCE (NPS)

1. **Grazing Regulatory Action Project**

Staff is engaged in the state-wide GRAP to develop regulatory strategies to more efficiently address water quality impacts while recognizing and retaining environmental benefits associated with grazing activities in California. GRAP staff has completed invite-only focused listening sessions with the following key stakeholder groups: ranching and related industries, environmental and environmental justice organizations, government and local agencies, academia, and the tribes. Additionally, GRAP staff has completed regional information meetings in Bishop, Redding, and San Luis Obispo. Staff is in the process of posting meeting notes and invitee lists on the GRAP website. All of the input from stakeholder meetings will be considered in the development of a potential GRAP proposal.

GRAP executive leads have briefed State Board members for guidance on next steps and plan to share these next steps with stakeholders. GRAP staff is emphasizing stakeholder participation throughout the process and continues to work with stakeholders in an open and collaborative fashion.

On 3 April, Clint Snyder, Lynn Coster, Cori Hansen, and Rajmir Rai participated in a ranch tour of Rickert Ranch and Fenwood Ranch, in Bella Vista and Anderson, respectively. The tour included a description of ranch features and management practices, but focused on a collaborative discussion of the future direction of grazing, water quality, and state regulation.

GRANTS

1. 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.

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	May 2015	August 2015	Yes
Stormwater	\$200 million	April 2016	May 2016	June 2016	No
Groundwater Sustainability	\$800 million**	April 2016	May 2016	August 2016	No

*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

More information on DWR's Financial Assistance Programs can be found at: <http://www.water.ca.gov/funding/>

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 has also participated in Public Workshops held by the State Water Board and other agencies with Proposition 1 funding programs to stay informed on the various funding programs. This allows staff to be able 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 24 March, Bethany Soto, Pam Buford, Sarah Rutherford, and Anthony Medrano participated in the Proposition 1 workshop facilitated by the State Water Resources Control Board's Division of Financial Assistance held at the Central Valley Water Board's office in Fresno. The workshop's purpose was to obtain stakeholder feedback on the draft guidelines for Small Community Wastewater funding available from Proposition 1, draft guidelines for the Clean, Safe, and Reliable Drinking Water funding, and hear updates on Proposition 1 funding opportunities for Water Recycling, Stormwater, and Groundwater Sustainability.

On 1 April, Diane Beaulaurier attended a public workshop held by the California Department of Fish and Wildlife (CDFW)/Wildlife Conservation Board (WCB). 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. The Wildlife Conservation Board program will focus on restoring stream flows to benefit fisheries.

On 13 April, Diane Beaulaurier attended the California Water Commission (CWC) Public Workshop. The CWC Proposition 1 Grant Program is for public benefits associated with water storage projects that improve the operation of the state water system, are cost effective and provide a net improvement in ecosystem and water quality conditions, and improve flood control, emergency response and recreation opportunities.

On 14 April, Sarah Rutherford attended the State Water Board's Proposition 1 Water Recycling Funding Program (WRFP) Public Workshop, held in Fresno. State Water Board staff presented proposed amendments to the WRFP funding guidelines and the proposed plan to implement Proposition 1 Water Recycling funding. This program will provide funds for water recycling facilities, including planning, construction and financing for water recycling projects that offset or augment state fresh water supplies.

On 15 April, Bethany Soto participated in the San Joaquin River Conservancy public workshop on the Proposition 1 funded Multi-Benefit Water Quality, Water Supply and Watershed Protection and Restoration Grant Program. The purpose of the workshop was to obtain comments on the draft guidelines and a proposal solicitation package. The program will provide funds for projects within the Conservancy's jurisdictional planning area that will provide multiple benefits to protect and restore the San Joaquin River and watershed.

On 21 April, Diane Beaulaurier attended the State Water Board's Proposition 1 Water Recycling Funding Program (WRFP) Public Workshop, held in Sacramento.

On 12 May, Diane Beaulaurier attended the Delta Conservancy Public Workshop on Proposition 1 grant program that will fund projects within or near the statutory Delta and Suisun Marsh, and outside the Delta if the project provides significant benefits to the Delta. The types of projects that will be funded include restoration and enhancement, water quality, agricultural sustainability and land acquisition.

On-going Grant Projects:

2. **Implementation Middle Creek Watershed Road Storm Proofing Project (\$750,000)** - The West Lake Resource Conservation District is implementing this project focused on contributing to the restoration of Clear Lake by reducing the amount of mercury and nutrient transporting sediment reaching the lake and its tributaries. (end date 12/30/15)
3. **Extending Agricultural BMPs in the Lower San Joaquin River Watershed (\$483,720)** – The Sustainable Cotton Project will continue work engaging more farmers of alfalfa, cotton, almonds and more acres in the Lower San Joaquin River watershed in implementing proven BMPs. Chlorpyrifos and diazinon comprise the adopted TMDL for the watershed. This grant works to reduce or eliminate farmers' use of diazinon and chlorpyrifos. (end date 6/30/16)
4. **Mercury on a Landscape Scale: Balancing Regional Exports with Wildlife Health (\$749,500)** – The Bureau of Land Management is 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 6/30/19)

GENERAL

Lean 6-sigma project update

This project requires an introductory level Lean 6-Sigma trainee (a.k.a., Project Green Belt), to attend 10 days of training over three months to learn the five phases of the Lean 6-Sigma methodology: Define, Measure, Analyze, Improve, and Control. The Project Green Belt and Project Team will implement these phases to reduce the permit processing time for Non-Chapter 15 Waste Discharge Requirements, without compromising surface or groundwater quality. The final round of Lean 6-Sigma training was completed on 1 May 2015. The Lean 6-Sigma Project Team has identified a preliminary list of critical steps that are delaying permit processing and will begin to identify and implement improvements during the months of May and June 2015

PUBLIC OUTREACH

On 12 March, Sarah Rutherford participated in the Mokelumne, Amador and Calaveras Counties (MAC) Integrated Regional Watershed Management Group's Regional Participants Committee meeting, held in Jackson. The group met to undertake a focused stakeholder process to update the 'implementation projects' contained in the January 2013 MAC Plan. The first of two meetings was held to review projects, identify project changes, and discuss criteria for endorsement options.

On 12 March, Bethany Soto participated in the Southern Sierra Integrated Regional Water Management Group Meeting. The meeting focused on project updates, discussed work plan, reviewed financial plan and funding, and reviewed and discussed work groups.

On 16 March, Sarah Rutherford participated in a meeting of the Yosemite-Mariposa Integrated Regional Watershed Management Group's Funding Sub-committee. The group discussed recently developed templates and tools to communicate funding opportunities, to efficiently distribute information to the entire IRWM group. Staff will continue to update the group regarding State and Regional Board grant and loan programs.

On 17 March, Shane Edmunds, Griffin Perea and Guy Chetelat attended the bi-monthly meeting of the Greater Battle Creek Watershed Working Group in Red Bluff, California. The meeting focused on water-quality issues related to a legacy county road known as Ponderosa Way in Tehama County. Water Board staff collaborated with Cal Fire, California Department of Fish and Wildlife (CDFW), US Fish and Wildlife Service (USFWS), PG&E and Sierra Pacific Industries to discuss potential solutions to the sediment delivery issues along Ponderosa Way. The group also discussed progress on the Battle Creek Salmon and Steelhead Restoration Project.

On 18 March, Sarah Rutherford attended the Tuolumne-Stanislaus Integrated Regional Watershed Management, Watershed Advisory Committee meeting in Sonora. Project proposals were presented to the group for consideration to be added to the Tuolumne-Stanislaus IRWM Plan.

On 18 March, Bethany Soto participated in the Upper Kings Basin Integrated Regional Water Management Authority Advisory Committee Meeting. The meeting focused on Propositions 84 and 1 funding opportunities; staff reports on contracts, coordination, public information, legislation, and administrative items; and the status of the IRWMP current Projects List and recommendations for Project List revisions or updates.

On 18 March 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. (AMM)

On March 18-20, Tessa Fojut, Jay Simi, Christine Joab, Diane Beaulaurier, Selina Cole, Laura McLellan, and Melissa Dekar attended the Interagency Ecological Program Annual Workshop. The workshop contained a wide array of presentations, ranging from the effects of the drought on Delta ecosystems to food-web dynamics.

On 25 March, Adam Laputz and Lynn Coster attended Sacramento Valley Water Quality Coalition's monthly meeting in Yolo County. Adam gave a presentation on the Irrigated Lands Regulatory Program and spoke to the subwatershed groups about ideas for streamlining the program.

On 25 March, Ben Letton attended a meeting between the US Forest Service regional staff and several Water Board staff in Vallejo, CA. The purpose of the meeting was to discuss grazing and water quality on National Forest lands.

On 3 April, Clint Snyder, Lynn Coster, Cori Hansen (all Redding office staff), and Rajmir Rai (Rancho Cordova office staff) attended a tour of Prather Ranch. The tour focused on collaboration and discussion of the future of grazing, water quality, and state regulation. There were approximately 25 participants including State Water Board member Tam Doduc, Central Valley Water Board Chair Dr. Karl Longley, Natural Resources Conservation Service, the Farm Bureau, UC Cooperative Extension, California Cattlemen's Association, ranchers, and others.

On 6 April, 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 implantation status by each of the individual practitioner's, coordination with DACs within the Tulare Basin, and an update on formation of groundwater sustainability agencies within the Tulare-Kern funding area.

On 7 April, Bethany Soto participated in the Poso Creek IRWM Plan Implementation Meeting. The meeting focused on implementation status of IRWM Plan Projects, funding opportunities.

On 7 April, 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 8 April, Christine Joab attended the Eastern San Joaquin Groundwater Banking Authority Coordinating Committee meeting in Stockton. The meeting focused on their readiness for Proposition 84 Integrated Regional Water Management implementation grant funding, and Proposition 1 funding, CASGEM compliance, and their 2015-2016 budget. Christine provided an overview of current Proposition 1 funding opportunities being offered by the State Water Board, and potential funding opportunity within the Regional Board's Supplemental Environmental Projects (SEP) Program.

On 8 April Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement Network meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 9 April, Sarah Rutherford participated in the Mokelumne, Amador and Calaveras Counties (MAC) Integrated Regional Watershed Management Group's Regional Participants Committee meeting, held in Jackson. The group met to undertake a focused stakeholder process to update the 'implementation projects' contained in the January 2013 MAC Plan. This was the second of two meetings to review and determine final project scores and priorities.

On 10 April, Ben Letton met with representatives from Sierra Pacific Industries, CDFW, Cal Fire, and faculty from UC Davis to discuss on-going and future monitoring and research in the Battle Creek Watershed.

On 13 April, Sarah Rutherford participated in the Madera Integrated Regional Watershed Management Group meeting held in Oakhurst. The group discussed possible Proposition 84 funding projects and updates of currently funded projects. Dane Mathis, from the Department of Water Resources, presented information on the current status of implementation of the Sustainable Groundwater Management Act.

On 14 April, Anthony Medrano provided updates to the Fresno Environmental Reporting Network (FERN) regarding environmental complaints lodged by various disadvantaged community groups and members.

On April 15, Laura McLellan attended the Bioaccumulation Oversight Group Review Panel Meeting. Michelle Wood, Patrick Morris, and Janis Cooke attended by phone. The purpose of the meeting was to review a USGS study of mercury in grebe blood, eggs, and prey fish in California lakes, as well as to review a draft sampling plan for long-term monitoring of bass lakes.

On 16 April, Christine Joab attended the 2015 San Joaquin County State of Our Rivers Symposium. This symposium focused on four main water bodies within San Joaquin County – Mokelumne River, Calaveras River, San Joaquin River, and the Stanislaus River. Morning presentations focused on the impacts of the drought on local water supplies and water conservation efforts, and the afternoon presentations highlighted some current restoration projects underway in each water body.

On 20 April, Michelle Wood attended a tour of the Malakoff Diggins State Historic Park and the Combie Reservoir Sediment and Mercury Removal Project, sponsored by The Sierra Fund and the Department of Conservation's Office of Mine Reclamation as part of the "Reclaiming the Sierra: A Conference to Address Historic Mining Impacts".

On 21 April, Michelle Wood, Laura McLellan, and Patrick Morris attended "Reclaiming the Sierra: A Conference to Address Historic Mining Impacts", presented by The Sierra Fund. In addition, Michelle Wood provided a 30-minute presentation, "Statewide Mercury Program for Reservoirs: Potential Management Practices for Reducing Fish Mercury Levels", and was a panelist for the Prioritization of Remediation Efforts and Best Available Techniques Joint Panel Discussion.

On 21 and 22 April, Shane Edmunds and Griffin Perea attended a Firescape Mendocino workshop in the Mendocino National Forest. During the workshop Water Board staff discussed various timber stand treatments and fuels reduction projects and how they might increase the forests' resiliency to forest fire. Water Board staff offered input and gave suggestions on how to implement various fuels treatments while protecting the beneficial uses of waters of the state. The group's goal is to bring multiple agencies and environmental protection groups together so projects can be designed to satisfy both fuels reduction and habitat retention/restoration goals.

On 22 April, Sue McConnell, Jeanne Chilcott, Lynn Coster and Gurbinder Dhaliwal participated in a meeting in Yuba City with various Subwatershed groups that are members of the Sacramento Valley Water Quality Coalition (SVWQC) and discussed their monitoring options followed by the meeting with the representatives of various water districts within the SVWQC, county Agricultural Commissioners, UCCE advisors, and farm bureau representatives. ILRP and CV-SALTS regulatory requirements and developments were discussed.

On 23 April Alex MacDonald presented an update on the Aerojet Rocketdyne cleanup efforts to the Regional Groundwater Authority (RGA) of Sacramento. This group is made up of water purveyors in Sacramento County north of the American River. The presentation highlighted groundwater remediation efforts in the Western Groundwater Operable Unit which includes areas within the RGA boundaries, focusing on the results of new monitor wells showing a slightly expanded plume of n-nitrosodimethylamine. Additional monitor wells will be installed to enhance plume delineation and allow for an evaluation of expansion of the extraction system to contain the plume. The plume is approximately 85% contained. (AMM)

On 23 April, Dani Berchtold and Scott Zaitz participated in a State Water Board led workshop on the new Industrial General Storm Water Permit held in Redding.

On 24 April, Shane Edmunds and Ben Letton attended the Battle Creek Conservancy Board Meeting in Manton, California. Staff listened to concerns from the board members about water quality issues in the watershed and discussed potential options the Central Valley Water Board can take to provide additional protection to the watershed. Staff recommended the Conservancy contact executive staff at the Central Valley Water Board to further express their concerns.

On 24 April, Janis Cooke participated in a meeting with staff from the Delta Conservancy, Delta Stewardship Council, and US Geological Survey to discuss plans for a Delta Mercury Workshop, under consideration for January or February 2016. The purpose of the workshop is to review new information and revise the 2002 Mercury Strategy for the Bay-Delta Ecosystem that was written for the California Bay-Delta Authority.

On 25 April, Ron Falkowski, Melissa Buciak, Dani Berchtold, Debra Hallis, and Kevin Pfeiffer presented a Water Boards information booth at the Whole Earth and Watershed Festival in Redding. Staff answered water-quality questions and presented information on the drought and macro-invertebrate assessment.

On 27 April, Christine Joab attended the American River Basin Integrated Regional Water Management (IRWM) stakeholder meeting. The meeting focused on the draft guideline and application of Proposition 84 IRWM implementation grant funding, Proposition 1 grant funding opportunities, the development and schedule of the Sustainable Groundwater Management Act.

On 28 April, Chris Foe and Christine Joab attended the Regulatory Group meeting for the State Board's development of a Nutrient Numeric Endpoint Policy. The meeting focused on the development of the Science Plan and its current status, State Board's outreach efforts to stakeholders, and an overview of stakeholder's feedback on the Science Plan.

On 29 April, Bethany Soto participated in a Listening Session facilitated by the Department of Water Resources (DWR) to obtain information on the development of the Emergency Regulations on Groundwater Basin Boundary Revisions as part of the Sustainable Groundwater Management Act (SGMA). Feedback focused on both site-specific basin boundary issues and comments for consideration in the draft Basin Boundary Regulations."

On 29 and 30 April, Sue McConnell and Brett Stevens attended the State Board ILRP Roundtable at the Central Coast Regional Water Quality Control Board's office in San Luis Obispo. Topics discussed included water quality data management, the pros and cons of grower coalitions, and updates from State Board staff on the next fiscal year's fee schedule, a planned state-wide ILRP information management system, and various other topics. The Roundtable meets about three times a year with the goals of improving consistency among the regions' ILRP's and sharing knowledge and lessons learned among state-wide ILRP staff.

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 12 May, Janis Cooke, Michelle Wood, Laura McLellan, and Patrick Morris participated in a meeting of the Delta Tributaries Mercury Council. Attendees heard presentations about mine cleanups in the coast range and modeling of fish mercury levels and watershed factors.

On 21 May, Clint Snyder and Nathan Jacobsen (Senior Staff Counsel) facilitated a tour of abandoned mines for USEPA's Superfund Division Director, Superfund Assistant Director, Section Chief, and Project Managers. Specifically, the tour focused on mines owned by Mining Remedial Reclamation Company (MRRRC) located within the West Squaw and Little Backbone Creeks, both tributary to Shasta Lake. The tour served to educate USEPA on mining projects, other than Iron Mountain Mine, within the upper Sacramento River watershed.

STAFFING UPDATE
March 16, 2015 – May 15, 2015

Promotions:

Josh Palmer – Sr. Water Resource Control Engineer
 Jeremy Pagan – Sr. Water Resource Control Engineer

Leave of Absence:

Steven Popenoe – Water Resource Control Engineer
 Lauria Molitoris – Staff Services Analyst
 Amy Ha – Water Resource Control Engineer

Retirement:

Ross Atkinson – Engineering Geologist
 Phil Woodward – Sr. Engineering Geologist

Authorized Positions: 232.7

Vacant Positions: 13

Separations	New Hires
Dale Schultz – Environmental Scientist	Marilyn Morrow – Engineering Geologist Danielle Siebal – Water Resource Control Engineer Chris Day – Engineering Geologist True Khang – Environmental Scientist

Temporary Help Positions

Separations	New Hires
Tina Ures – Scientific Aid Shaina Price – Scientific Aid Katherine Taylor – Scientific Aid	Ruben Mullins – Scientific Aid Matthew Krause – Scientific Aid Annelisa Moe – Scientific Aid Taranjot Sahota – Scientific Aid Sarah Storz – Scientific Aid Jeondra Arrington – Scientific Aid

TRAINING UPDATE
March 16, 2015 – May 15, 2015

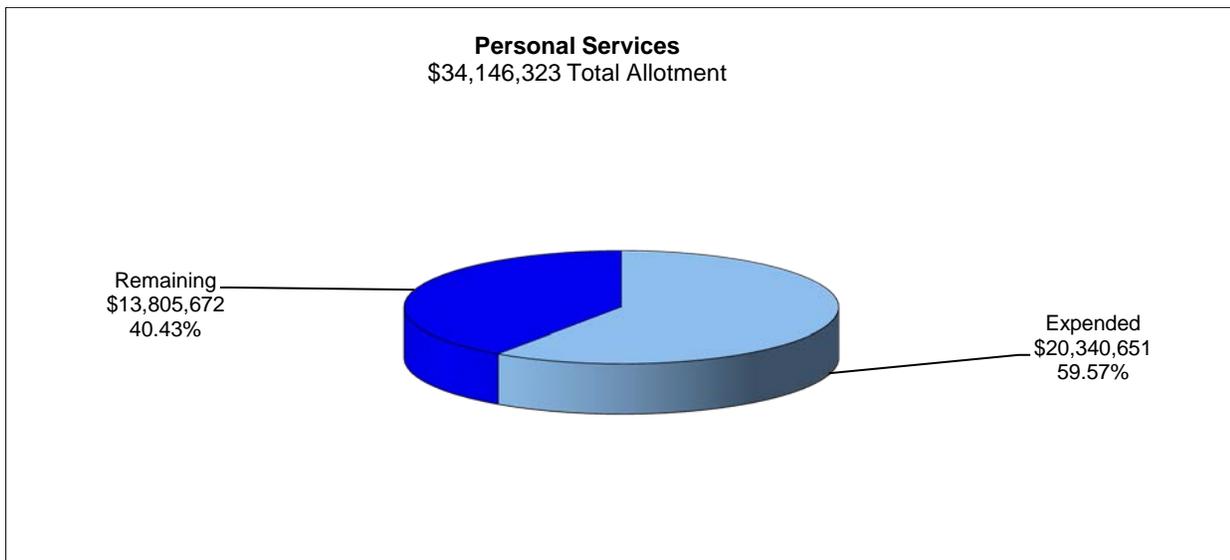
Class Title	Number of Attendees
2014 Annual IEP Workshop	12
2015 California Environmental Modeling Forum Annual Meeting	2
Essentials of Collection Systems	1
AED CPR - AHA Heart Saver AED Training	4
AED/CPR/First Aid	4
Basic CEQA Training for the Waterboards	9
Basic Supervision for State Supervisors - Part II	1
Bioassessment Course, Parts 1 and 2	1
CAL/EPA Basic Inspector Academy	9
Concept of Bioassessment and Swamp Field Procedures	7
Course #300: Fundamental Inspector Course -Online Training (FIC)	2
Cyanobacterial Blooms Remote Sensing	1
Defensive Drivers Training	7
Ethics Orientation for State Officials	3
Getting Feedback Right	19
Globally Harmonized System of Labeling and Chemicals	2
Groundwater Modeling	8
Hazardous Materials Technician/Specialist Refresher HTECR1-14	2
HAZWOPER - 40 Hours	16
How to Deal with Difficult People	1
How to Work With Difficult People/Crucial Conversations Training	2
Introduction to Aquatic Toxicity Testing	19
Introduction to ArcGIS for the Water Boards	1
Introduction to Environmental Statistics	9

Class Title	Number of Attendees
Maintaining a Respectful Work Environment	265
Meeting Facilitation for Stakeholder Meetings & Processes	3
NPDES Cross-Training for TMDL and Planning Staff	9
NPDES Wastewater Facility Inspections Training	9
Reclaiming the Sierra 2015: The New Gold Rush Conference	6
Remediation Workshop - Latest Soil and Groundwater Remediation	2
Review Team Roles and Responsibilities	1
Stormwater Chemistry, Monitoring, and BMP Effectiveness	1
Stormwater Chemistry; Principles & Applications / SWM-402	1
Stormwater Pollutant Chemistry	2
Toast Master International (Public Speaking)	1
Vernal Pool Cram	1

FISCAL UPDATE
Through February 28, 2015
(66.6% should be expended to date)

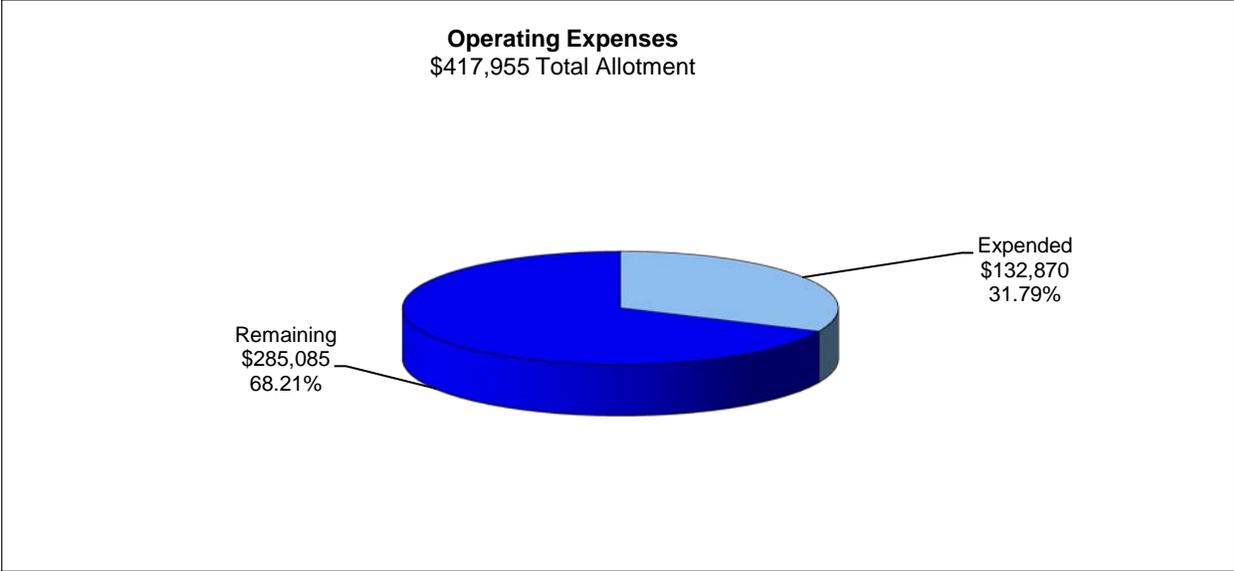
Personal Services:

Our Personal Services budget for the 2014-15 Fiscal Year is \$34,146,323.



Operating Expenses:

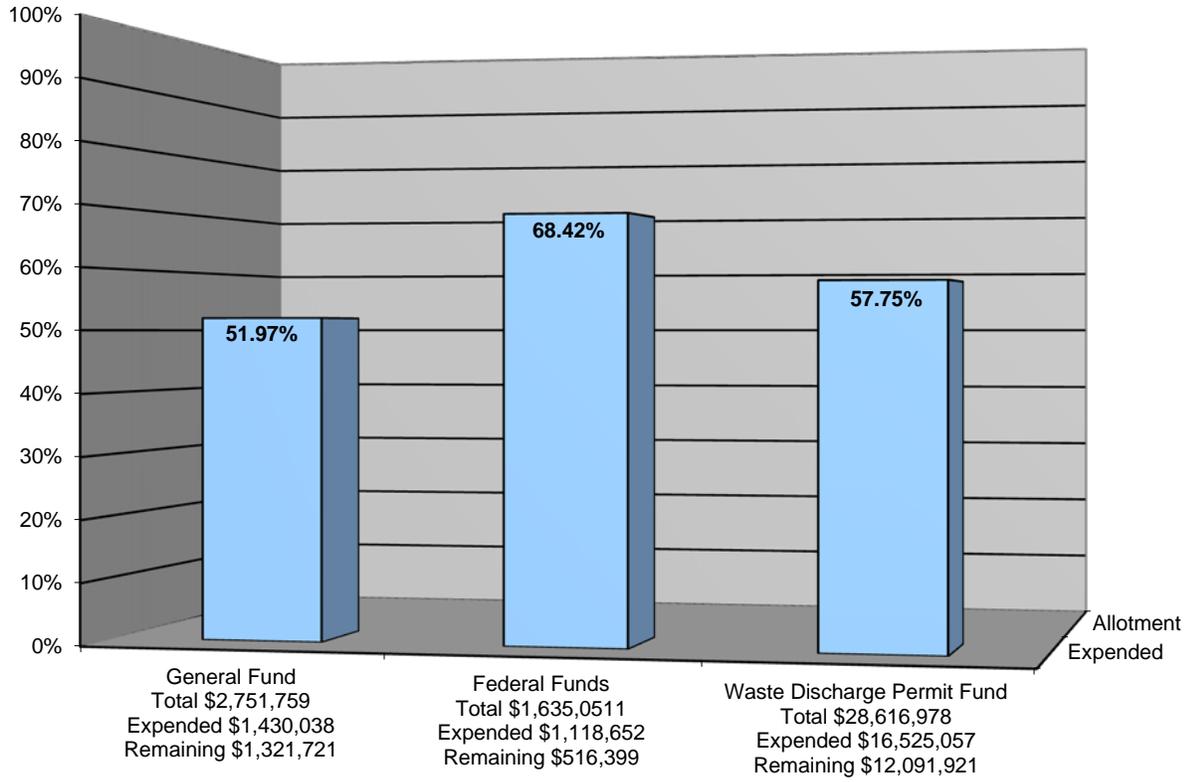
Our Operating Expense budget for the 2014-15 Fiscal Year is \$417,955.



Key Fund Issues:

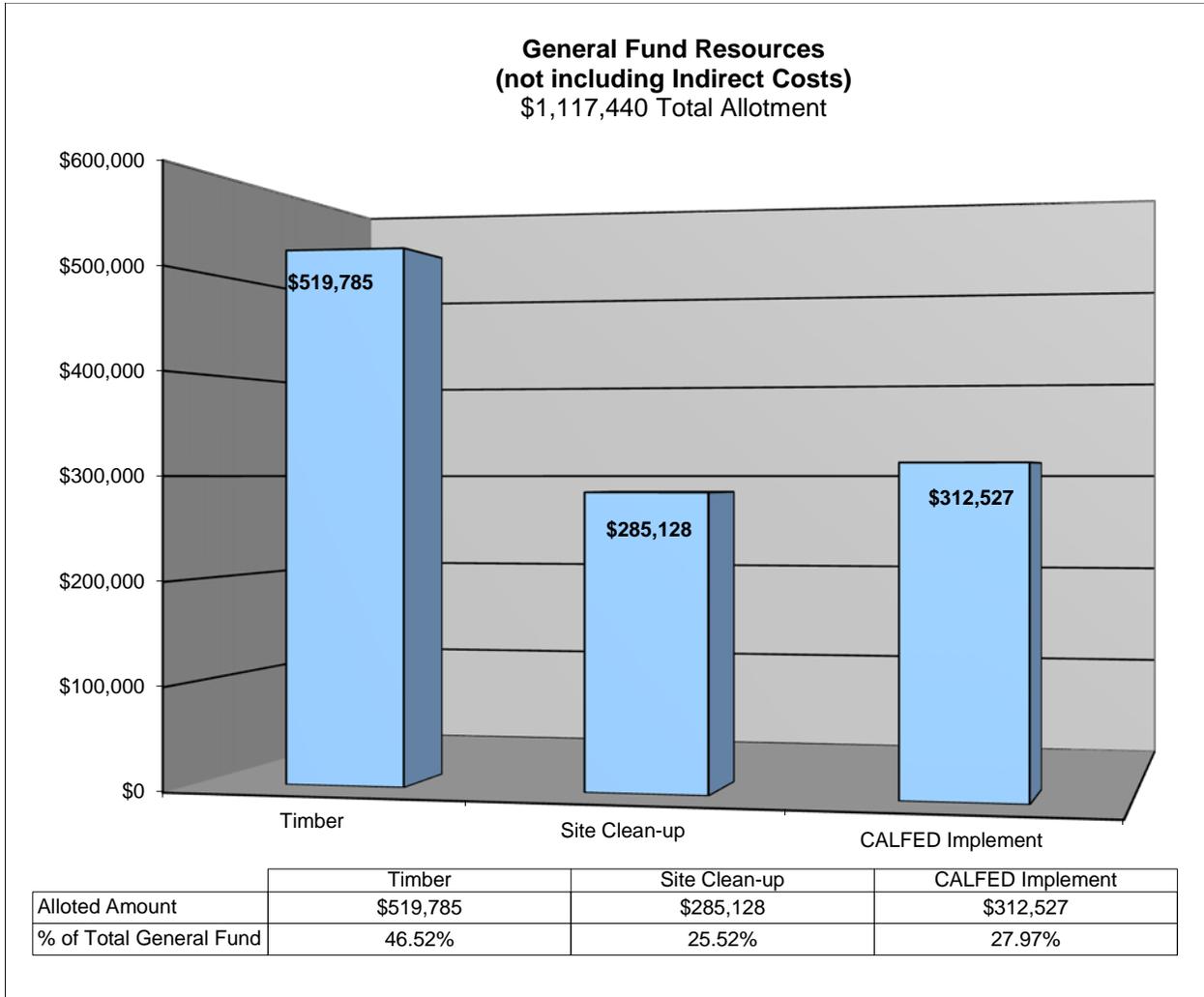
All key funds are being expended at a reasonable level.

Key Funds



General Fund Resources:

Our General Fund budget for the 2014-15 Fiscal Year is \$1,117,440. The Legislature and the Governor have directed our General Fund monies to specific programs. We have very little discretion in shifting these resources from one program to another.



CONTRACTS

Contract #	Contractor Name	Description	End Date	Amount
Administrative Support Services				
12-058-150	California Reporting, LLC	Court Report Services	5/31/2015	\$32,000
12-061-150	Eaton Interpreting Services, Inc.	Interpreting & Real-Time Caption	5/31/2015	\$6,500
14-150-9010	California Reporting, LLC	Court Reporter Services - Off Site	6/30/2015	\$4,999
Operational Support Services				
12-095-150	Excelchem Environmental Laboratories	Lab Analytical Services - Redding	6/30/2015	\$55,000
13-014-150	Moore Twining Associates Inc.	Lab Analysis - Fresno	6/30/2015	\$130,000
13-051-150 Am. 1	Excelchem Environmental Laboratories	Lab Analysis - Rancho Cordova	06/30/16	\$80,000
TBD	TBD	Helicopter Services	11/30/2017	\$35,000
Water Quality Study/Planning				
09-076-150	San Joaquin Valley Drainage Authority	CV-Salts - Phase 1	5/14/2016	\$1,200,000
11-123-555	San Joaquin Valley Drainage Authority	CV-Salts - Phase 2	12/1/2016	\$3,800,000
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
TBD	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.

July 2015 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Exeter Dehydrator (Revised WDRs)
- Giumarra Winery (Revised WDRs)
- Kern Ridge Growers, Di Giorgio Facility (New WDRs)
- Sacramento Regional County Sanitation District Permit Amendment
- Sliger Mine Permit Renewal
- Woodland/Davis Regional Water Treatment Facility (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)

NPDES PROGRAM-PERMITTING

- Sacramento Regional County Sanitation District Permit Amendment
- Time Schedule Order, Lazarus Mine, Sierra County
- Time Schedule Order, Alturas WWTP, Modoc County
- Time Schedule Order, Miner's Ranch WTP, Butte County

IRRIGATED LANDS REGULATORY PROGRAM

- Grasslands Bypass Project (Revised WDRs)
- Growers in Grasslands Drainage Area (New General Order)

DREDGE/FILL – PERMITTING

- Panoche Valley Solar Facility Project, San Benito County, Waste Discharge Requirements (New)

October 2015 BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Harris Ranch Kingsburg Plant (Revised WDRs)
- Los Gatos Tomato Processing (Revised WDRs)
- Monarch Nut Company (Revised WDRs)
- North Kern Water Storage District Oilfield Dischargers (New WDRs)
- Pleasant Valley State Prison WWTF (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Altamont Class II/III Landfills and Class II Surface Impoundment (Revised WDRs)
- Sacramento Regional Biosolids Disposal, Class II Land Treatment (Revised WDRs)
- Recology Hay Road Class II Landfill, Land Treatment Unit (Revised WDRs)
- Maintenance Dredging General Order (Revision)

NPDES PROGRAM-PERMITTING

- Sliger Mine Permit Renewal
- Galt Permit Renewal
- Rio Vista Northwest Permit Renewal
- Time Schedule Order, Clear Creek WWTP, Shasta County
- Redding WWTPs Local Limits

December 2015 Board Meeting

NPDES PROGRAM-PERMITTING

- Grass Valley Permit Renewal

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Ardagh Glass Company, Saint Gobain Containers (Revised WDRs)
- 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)
- City of Manteca WWTF (Revised WDRs)
- City of Mendota WWTF (Revised WDRs)
- 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)
- Lion Raisin Company (Revised WDRs)
- London CSD WWTF (Revised WDRs)
- Mokelumne Rim Vineyards (Revised WDRs)
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Shasta Renewable Energy (New WDRs)
- Shasta Wine Village (New WDRs)
- Sierra Pacific Industries, Chinese Mill Camp (Revised WDRs)
- Spanish Mine (New WDRs)
- Strathmore WWTF (Revised WDRs)
- Sun Pacific/Califia Farms (Revised WDRs)
- Tasteful Selections (Revised WDRs)
- Tulare Lake Drainage District-Mid Evap. Basins (New WDRs)
- UC Davis Center for Aq. Biology (New WDRs)
- Ventura Coastal, Tipton Plant (Revised 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)

NPDES PROGRAM-PERMITTING

- Collins Pine Company, Chester Sawmill Permit Renewal

CONFINED ANIMAL PROGRAM

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

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, PLANS AND PERMITS UNDER DEVELOPMENT OF PENDING DEVELOPMENT

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Timber Activities on Non-federal Lands	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.	Statewide	SB
A-14	Implement Lower San Joaquin River Salt/Boron TMDL	2015-05-11 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)	Regional	R5
A-15	Composting Operations Statewide General Order	2015-05-21 Staff 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 is scheduled for June 16, 2015 and the Board Meeting to consider certifying the draft EIR and adopting the General Order is scheduled for July 7, 2015.	Statewide	SB
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	2015-05-05 The Final Draft of the Local Agency Management Plan (LAMP) Guidance document is under review. The document is scheduled to be finalized in May 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
C	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2015-05-12 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
P	Policies for Variances and Exceptions	2015-05-07 Adopted by Central Valley Water Board on 6 June 2014. Approved by the State Water Board on 17 March 2015. Requires Office of Administrative Law and US EPA approval before becoming effective.	Regional	R5
A	General Order for Bovine Feedlots	2015-05-28 General Order to regulate bovine feedlots (other than dairies - e.g., heifer facilities, calf raising facilities, beef cattle facilities).	Regional	R5
A	External Groundwater Monitoring Workgroup	2015-02-25 Have assembled a group of groundwater monitoring experts to provide input on how the Regional Water Board addresses complex groundwater monitoring issues. Two on-going efforts are working on related issues, the Statewide committee reviewing the Antidegradation Policy and CV-SALTS review of policy issues related to assimilative capacity. Results of these two efforts may impact the approach or recommendations from the monitoring workgroup. To avoid duplication of efforts the monitoring workgroup is on hold at this time.	Regional	R5
A-15	Central Valley Diuron Basin Plan Amendment	2015-05-06 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	Central Valley Pyrethroids Basin Plan Amendment	2015-05-06 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	2015-05-28 Issue Paper has been completed and is under internal review.	Regional	R5
A-15	Region-wide General Order for MS4s	2015-05-28 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Grassland Drainage Area - New Groundwater WDRs	2015-02-25 The Grassland Drainage Area (GDA) surface water discharges are regulated through the Grassland Bypass Project WDRs. A separate set of general WDRs for discharge to groundwater from the GDA are being developed. The groundwater WDRs will have a similar structure to other irrigated lands WDRs.	Regional	R5
A-15	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2015-05-28 WDRs are being updated to reflect a Basin Plan amendment and the Use Agreement between the US Bureau of Reclamation and the San Luis and Delta-Mendota Water Authority for Phase III of the project. Board consideration scheduled for July 2015.	Regional	R5
A	Evaluate Municipal and Domestic Supply Beneficial Uses for Groundwater in the vicinity of the Littlejohns Fault and Establish Groundwater Protection Regulations for these Site-Specific Conditions - Amendment to the Sacramento River and San Joaquin River Basin Plan	2015-05-28 The Basin Plan Amendment was adopted by the Central Valley Water Board on 28 March 2014 and approved by the State Water Board on 20 January 2015. A revision to Sources of Drinking Water Policy was also adopted by the State Water Board on 20 January 2015 to provide a site-specific exception for groundwater beneath portions of the Royal Mountain King Mine Site. The Amendment and the revision to the Sources of Drinking Water Policy has received OAL approval	Regional	R5
A	High-Speed Rail Municipal Separate Storm System (MS4) permitting	2015-05-22 The High Speed Rail Authority was designated under the Phase II Municipal Separate Storm Sewer System (MS4) Permit on August 22, 2014. The Authority submitted a complete application package in November 2014 and is subsequently enrolled in the statewide Phase II MS4 Permit. The Authority's proposed projects' storm water runoff controls and post-construction storm water standards comply with the storm water management and hydromodification requirements of the Phase II MS4 Permit and must meet the maximum extent practicable standard. Staff continues to work with the High Speed Rail Authority on implementing the Phase II MS4 permit requirements.	Statewide	SB
A	Development of permit for USFS Non-Point Source activities	2015-03-02 R5 staff is working with the USFS 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	2015-03-02 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
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
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
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-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
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
*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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-16*	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II*	2015-03-30 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. The advisory committee met on August 6, 2014 and the Harbor Technical work group met on August 7, 2014. Staff anticipates release of the draft SQO amendments and substitute environmental document in July 2016.	Statewide	SB
A-16	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
A-16	Bacteria Standards for Ocean and Inland Surface Waters	2015-05-29 The State Water Board is developing proposed statewide bacteria water quality objectives and a proposed control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives are proposed to be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. State Water Board staff compiled comments from focused stakeholder meetings held in April through July 2014. A Northern California Scoping Meeting was held on January 28, 2015. A Southern California Scoping was held on February 10, 2015 in Costa Mesa. 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 is working on the staff report and will consider the comments as we draft the staff report. Staff plans to release draft documents for public review and comment in summer 2015. State Board Web site: http://www.waterboards.ca.gov/bacterialobjectives/	Statewide	SB
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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Groundwater Quality Protection Strategy	2015-04-28 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 April 2015 Central Valley Water Board meeting. (Pam Buford)	Regional	R5
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
A-16	General Waste Discharge Requirements Order for Large Wineries	2015-05-05 State Board staff have developed a conceptual means to prepare a General Order for large wineries. The concept was discussed briefly at the April 2015 Deputy Management Committee meeting and the response was generally supportive. Staff plans to present the concept to the MCC for feedback on the approach before initiating contact with the wine industry. A white paper describing the approach is in preparation.	Statewide	SB
*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 document is expected to be released for public review in 2016.	Statewide	SB
A-15	Phase I update of the Bay-Delta Plan: San Joaquin River flows and southern Delta salinity	2015-05-05 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 late spring 2015. Draft plan amendment to be brought to the Board for consideration by end of 2015.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2015-05-05 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 Summer 2015.	Statewide	SB
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2015-05-06 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
A-14	Central Valley Diazinon and Chlorpyrifos Basin Plan Amendment	2015-05-11 Amendment addressing chlorpyrifos and diazinon in hundreds of valley floor rivers, streams and creeks adopted by Regional Board on 28 March 2014. Requires SWRCB, OAL and USEPA approval before becoming effective. Scheduled for SWRCB consideration in June 2015.(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.	2015-05-11 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
A-15	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	2015-05-11 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2015-05-12 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
C	Mercury TMDL and Water Quality Objectives(Reservoirs)	2015-05-12 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 spring.	Statewide	R5
A	Development of the Delta Regional Monitoring Program (RMP)	2015-05-12 The Delta RMP has a monitoring design for toxicity/pesticides, pathogens, and nutrients and the Steering Committee is developing a funding plan for the annual budget. Pathogens sampling began in April 2015. (Staff contact, Patrick Morris)	Regional	R5
*A-17	Antidegradation Policy	2015-05-29 The State Water Board is considering preparation of an Implementation Plan to the existing Antidegradation Policy, or an additional policy, to address application of the Antidegradation Policy to groundwater. Focused stakeholder meetings were held in October and November 2013. The work team, composed of members from the State Water Board and Regional Water Boards, convened on multiple dates from April 2014 through May 2015 to consider focused stakeholder group comments, work on the framework for the Implementation Plan or policy, and prepare a scoping document. The project web page contains summaries of purpose, background, and process; an estimated time line; and links to associated documents. State Water Board executive management and Board briefings took place in May 2015. Staff are developing a Scoping Document to be available prior to focused stakeholder group meetings currently scheduled in June and July 2015. Public CEQA scoping meetings in northern and southern California are planned for August 2015. Web page link: http://www.waterboards.ca.gov/plans_policies/antidegradation.shtml	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
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
A-15	Point of Use/Point of Entry Treatment Device Regulations	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.	Regional	SB
A-15	Safe Drinking Water Plan	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	Regional	SB
A-15	Groundwater Oil and Gas Monitoring Program	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	Statewide	SB
A-15	Composting Operations Statewide General Order	2015-05-21 Staff 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 is scheduled for June 16, 2015 and the Board Meeting to consider certifying the draft EIR and adopting the General Order is scheduled for July 7, 2015.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
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	2015-05-22 State and Regional Water Board staff engaged collaboratively with stakeholders statewide and developed overarching principles and a prioritized list of potential Water Board actions to address regulatory storm water issues. The focus of this planning effort is to incorporate incentive-driven, multiple-benefit approaches that achieve quantitative water quality improvement and water supply augmentation. 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 principal 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. Draft planning documents are proposed to be released for public comments in June 2015. State Water Board staff will be presenting an information item to the State Water Board on August 18, 2015.	Statewide	SB
C	High Speed Rail Municipal Separate Storm System (MS4) permitting	2015-05-22 The High Speed Rail Authority was designated under the Phase II Municipal Separate Storm Sewer System (MS4) Permit on August 22, 2014. The Authority submitted a complete application package in November 2014 and is subsequently enrolled in the statewide Phase II MS4 Permit. The Authority's proposed projects' storm water runoff controls and post-construction storm water standards comply with the storm water management and hydromodification requirements of the Phase II MS4 Permit and must meet the maximum extent practicable standard. Staff continues to work with the High Speed Rail Authority on implementing the Phase II MS4 permit requirements.	Statewide	SB
A	Grazing, Regulatory Action Project (GRAP)	2015-05-22 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. Website: http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml	Statewide	R6

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	General Order for Poultry Facilities	2015-05-28 General Order for poultry raising and egg laying facilities. Issue paper review completed. Drafting of GO to begin by mid-June.	Regional	R5
A-15	Revision of General Order for Existing Dairies	2015-05-28 Revision of General Order R5-2013-0122 to include requirements for land application areas consistent with the Irrigated Lands Regulatory Program requirements.	Regional	R5
P	Wetlands and Riparian Areas Policy - Phase II	2015-03-02 Pending completion of Phase I.	Statewide	SB
P	Wetlands and Riparian Areas Policy - Phase III	2014-10-31 Pending completion of Phase II.	Statewide	SB
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	2015-05-29 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
P	Regulation of Ready-mix Concrete Waste Products	2015-05-05 Identified by the Waste Discharge Requirements unit at the State Water Board for consideration of a statewide general order. The concept was discussed briefly at the April 2015 Deputy Management Committee meeting and the response was generally supportive. A white paper describing the approach is in preparation.	Statewide	SB
P	Off-Highway Vehicle (OHV) waste discharge requirements (WDR) / waiver	2014-12-02 Staff plans to develop concepts for Waste Discharge Requirements (WDR) or waiver of WDR for OHVs at State Parks.	Statewide	SB
P	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	Mercury Offset Policy	2015-02-27 Suspended indefinitely.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
P	Suction Dredge General Permit	2015-05-05 Permit development is suspended during the pendency of the suction dredge moratorium. Suction dredging, including the method known as booming, continues to be prohibited within 100 yards of any California river, stream or lake (Fish & G. Code, section 5653 subd. (d).).	Statewide	SB
P	Aggregate (sand/gravel) Wash Water to Land General Order or waiver	2015-05-05 Identified by the Waste Discharge Requirements unit at the State Water Board for consideration of a statewide General Order. The concept was discussed briefly at the April 2015 Deputy Management Committee meeting and the response was generally supportive. A white paper describing the approach is in preparation.	Statewide	SB
P	New winery waste guidelines	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	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	2015-05-28 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)
Green = Targeted for completion in 2014 (A-14)
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	5F				5R				5S				Grand Total
	Category 1	Category 2	Category 3	5F Total	Category 1	Category 2	Category 3	5R Total	Category 1	Category 2	Category 3	5S Total	
Month													
February 2015	1	0	8	9	1	1	2	4	5	5	164	174	187

Spill Cause	Count of Spills	%
Root Intrusion	111	59.4%
Debris-General	23	12.3%
Grease Deposition (FOG)	19	10.2%
Debris-Rags	9	4.8%
Operator error	8	4.3%
Other	7	3.7%
Pipe Structural Problem/Failure	3	1.6%
Damage by Others Not Related to CS Construction/Maintenance	1	0.5%
Debris from Construction	1	0.5%
Debris from Lateral	1	0.5%
Inappropriate Discharge to CS	1	0.5%
Natural Disaster	1	0.5%
Non-Dispersables	1	0.5%
Pump Station Failure-Controls	1	0.5%
Grand Total	187	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	Agency	Collection System	WDID	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
SR	Red Bluff City	Red Bluff CS	SSSO10845	813118	Certified	Category 1	1063 First St Red High School	Tehama	Yes	7,800	7,700	2/13/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	813278	Certified	Category 1	131675	Sacramento	Yes	4,594	4,589	2/15/2015	Root Intrusion
SS	UC Davis	UC Davis CS	SSSO11071	813079	Certified	Category 1	UC Davis Campus, near the Facility Electrical Shop	Yolo	Yes	5,000	4,000	2/12/2015	Damage by Others Not Related to CS Construction/Maintenance
SS	Sutter Creek City	Sutter Creek CS	SSSO11061	812995	Certified	Category 1	Main Line P-387 near Sutter Creek Behind 280 Mahoney Mill Road	Amador	Yes	3,500	1,500	2/9/2015	Natural Disaster
SS	Lake City	Lake Co Sanitation Dist A09-1 & A09-3 CS	SSSO10982	812825	Certified	Category 1	Soda Bay Road and Mostin Drive	Lake	Yes	3,000	1,500	2/1/2015	Pipe Structural Problem/Failure
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	813029	Certified	Category 1	130934	Sacramento	Yes	625	624	2/6/2015	Inappropriate Discharge to CS
SF	Mariposa PUD	Mariposa PUD CS	SSSO10744	813114	Certified	Category 1	Highways 49 and 140 South	Mariposa	Yes	500	100	2/17/2015	Root Intrusion
SS	Ironhouse Sanitary District	Ironhouse Sanitary District CS	SSSO10970	813337	Certified	Category 2	Main Street and Bridgehead Rd	Contra Costa	No	2,250	0	2/26/2015	Debris-General
SS	Ca Dept of Corrections Soledad	Folsom State Prison CS	SSSO11192	813124	Certified	Category 2	Folsom Prison womans Facility	Sacramento	No	2,000	0	2/17/2015	Debris-Rags
SS	Tracy City	Tracy CS	SSSO11066	813143	Certified	Category 2	3751 N. Tracy Blvd.,	San Joaquin	No	1,700	0	2/16/2015	Grease Deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	813338	Certified	Category 2	131912	Sacramento	No	1,440	0	2/26/2015	Root Intrusion
SR	Redding City	Redding City CS	SSSO10801	813099	Certified	Category 2	Manhole G8-32, located just north of 509 Shoemaker Ct	Shasta	No	1,350	0	2/3/2015	Debris-Rags
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	813280	Certified	Category 2	131689	Sacramento	No	1,097	0	2/23/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814217	Certified	Category 3	131153	Sacramento	No	755	0	2/9/2015	Root Intrusion
SS	El Dorado Irrigation District	Deer Creek CS	SSSO10923	813626	Certified	Category 3	DC-2015-02-02	El Dorado	No	575	0	2/2/2015	Grease Deposition (FOG)
SF	Atwater City	Atwater CS	SSSO10716	813283	Certified	Category 3	Bellevue & Buhach	Merced	No	520	0	2/17/2015	Grease Deposition (FOG)
SR	Redding City	Redding City CS	SSSO10801	813771	Certified	Category 3	1100 Echo Rd	Shasta	No	495	0	2/14/2015	Debris-Rags
SF	Ca Dept of Corrections Soledad	Wasco State Prison CS	SSSO10775	813657	Certified	Category 3	Between Facility C-3 and C-4	Kern	No	300	0	2/24/2015	Debris-Rags
SS	Marysville City	Marysville CS	SSSO10994	813080	Certified	Category 3	E. 19th & Freeman Sts.	Yuba	No	250	0	2/7/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814220	Certified	Category 3	131164	Sacramento	No	213	0	2/10/2015	Root Intrusion
SF	Ca Dept of Corrections Soledad	Wasco State Prison CS	SSSO10775	813655	Certified	Category 3	Between Facility C-3 and C-4	Kern	No	200	0	2/18/2015	Debris-Rags
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814249	Certified	Category 3	131368	Sacramento	No	196	0	2/17/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814286	Certified	Category 3	132026	Sacramento	No	196	0	2/27/2015	Grease Deposition (FOG)
SF	Mariposa Cnty DPW	Mariposa Co YOSEMITE WEST CS	SSSO11323	813838	Certified	Category 3	7465 Henness Ridge Road	Mariposa	No	150	0	2/15/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814240	Certified	Category 3	131274	Sacramento	No	133	0	2/16/2015	Root Intrusion
SS	Modesto City	Modesto CS	SSSO11001	812999	Certified	Category 3	1201 Geneva Dr	Stanislaus	No	120	0	2/16/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814287	Certified	Category 3	132035	Sacramento	No	111	0	2/26/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814219	Certified	Category 3	131163	Sacramento	No	99	0	2/12/2015	Debris-General
SS	Stockton City MUD	City of Stockton MUD CS	SSSO11433	813285	Certified	Category 3	729 e. Sonora St.	San Joaquin	No	95	0	2/24/2015	Debris-General
SS	Stockton City MUD	City of Stockton MUD CS	SSSO11433	812901	Certified	Category 3	2411 N. California St Stockton Ca.	San Joaquin	No	91	0	2/4/2015	Grease Deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814288	Certified	Category 3	132043	Sacramento	No	90	0	2/28/2015	Root Intrusion
SS	Antioch City	City Of Antioch CS	SSSO10890	814086	Certified	Category 3	1800 Candice Ct. Antioch Ca.	Contra Costa	No	72	0	2/1/2015	Grease Deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814205	Certified	Category 3	130953	Sacramento	No	64	0	2/9/2015	Debris-General
SS	Murphys SD	Murphys CS	SSSO11007	812944	Certified	Category 3	Manhole #200	Calaveras	No	60	0	2/6/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814276	Certified	Category 3	131897	Sacramento	No	60	0	2/26/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814230	Certified	Category 3	131232	Sacramento	No	57	0	2/13/2015	Root Intrusion
SS	Stockton City MUD	City of Stockton MUD CS	SSSO11433	813002	Certified	Category 3	738 W. Los Felis Ave.	San Joaquin	No	57	0	2/9/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814223	Certified	Category 3	131176	Sacramento	No	55	0	2/12/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814292	Certified	Category 3	132050	Sacramento	No	52	0	2/28/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814236	Certified	Category 3	131265	Sacramento	No	51	0	2/15/2015	Root Intrusion
SF	Bakersfield City	City Of Bakersfield CS	SSSO10717	813298	Certified	Category 3	6501 Colony St	Kern	No	50	0	2/17/2015	Other
SF	Tuolumne Utilities District	Tuolumne Utilities District CS	SSSO10771	812867	Certified	Category 3	11142 State St	Tuolumne	No	50	0	2/2/2015	Root Intrusion
SF	Tuolumne Utilities District	Tuolumne Utilities District CS	SSSO10771	813317	Certified	Category 3	57 Linoberg, clean out below house	Tuolumne	No	50	0	2/22/2015	Root Intrusion
SR	Mt Shasta City	Mt Shasta CS	SSSO10835	813680	Certified	Category 3	Birch St Alley	Siskiyou	No	45	0	2/26/2015	Root Intrusion
SS	Yuba City	Stonagate Village CS	SSSO11060	813166	Certified	Category 3	3119 Monroe Road	Sutter	No	31	0	2/13/2015	Pump Station Failure-Controls
SS	Ca Dept of Corrections Soledad	Folsom State Prison CS	SSSO11192	813094	Certified	Category 3	Folsom State Prison Camp	Sacramento	No	30	0	2/13/2015	Debris-Rags
SS	Clearlake Oaks City Water Dist	Clearlake Oaks Co Wtr Dis CS	SSSO10906	812965	Certified	Category 3	12676 Highway 20	Lake	No	30	0	2/5/2015	Debris-General
SS	Modesto City	Modesto CS	SSSO11001	813667	Certified	Category 3	1604 Jacqueline Wy	Stanislaus	No	30	0	2/26/2015	Root Intrusion
SS	Antioch City	City Of Antioch CS	SSSO10890	813978	Certified	Category 3	1530 HILL DRIVE ANTIOCH CA	Contra Costa	No	29	0	2/3/2015	Debris-Rags
SS	Davis City	Davis CS	SSSO10921	812795	Certified	Category 3	1512 Lst	Yolo	No	29	0	2/1/2015	Other
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814269	Certified	Category 3	131753	Sacramento	No	29	0	2/24/2015	Root Intrusion
SS	Modesto City	Modesto CS	SSSO11001	813006	Certified	Category 3	2001 Vista Dr	Stanislaus	No	25	0	2/9/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814266	Certified	Category 3	131693	Sacramento	No	25	0	2/23/2015	Root Intrusion
SS	Grass Valley City	Grass Valley City CS	SSSO10958	813576	Certified	Category 2	Bulter 543	Nevada	No	24	0	2/26/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814291	Certified	Category 3	132047	Sacramento	No	22	0	2/28/2015	Grease Deposition (FOG)
SS	Roseville City	Dry Creek CS	SSSO10935	814125	Certified	Category 3	1700 Hiawatha	Placer	No	21	0	2/16/2015	Non-Dispersibles
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814246	Certified	Category 3	131342	Sacramento	No	21	0	2/17/2015	Root Intrusion
SS	Davis City	Davis CS	SSSO10921	813218	Certified	Category 3	2905 Tiber Avenue	Yolo	No	20	0	2/16/2015	Other
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	SSSO10912	814237	Certified	Category 3	131266	Sacramento	No	20	0	2/15/2015	Debris-General

Region	Agency	Collection System	WDID	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
SS	UC Davis Health System	UC Davis Health System CS	55S011463	813673	Certified	Category 3	UC Davis Medical Center - Bldg 34	Sacramento	No	20	0	2/26/2015	Other
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814289	Certified	Category 3	132044	Sacramento	No	18	0	2/28/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814206	Certified	Category 3	130973	Sacramento	No	16	0	2/9/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814282	Certified	Category 3	131985	Sacramento	No	16	0	2/27/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814177	Certified	Category 3	130420	Sacramento	No	15	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814214	Certified	Category 3	131063	Sacramento	No	15	0	2/11/2015	Root intrusion
SS	Sacramento City	City of Sacramento Utilities CS	55S010901	813110	Certified	Category 3	3253 O'FARRELL DR, SACRAMENTO, CA	Sacramento	No	15	0	2/13/2015	Grease Deposition (FOG)
SS	Woodland City	City of Woodland CS	55S010903	813734	Certified	Category 3	85 W. Court St.	Yolo	No	15	0	2/24/2015	Grease Deposition (FOG)
SS	Roseville City	Dry Creek CS	55S010935	813868	Certified	Category 3	605 Mayfair	Placer	No	12	0	2/24/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814239	Certified	Category 3	131270	Sacramento	No	12	0	2/15/2015	Root intrusion
SS	Roseville City	Dry Creek CS	55S010935	813225	Certified	Category 3	1409 Oakmont	Placer	No	11	0	2/5/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814189	Certified	Category 3	130578	Sacramento	No	11	0	2/3/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814229	Certified	Category 3	131225	Sacramento	No	11	0	2/11/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814242	Certified	Category 3	131292	Sacramento	No	11	0	2/17/2015	Root intrusion
9F	Exeter City	Exeter CS	55S011226	814348	Certified	Category 3	Visalia Road / North Albert	Tulare	No	10	0	2/3/2015	Debris-Rags
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814196	Certified	Category 3	130692	Sacramento	No	10	0	2/5/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814213	Certified	Category 3	131056	Sacramento	No	10	0	2/11/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814222	Certified	Category 3	131175	Sacramento	No	10	0	2/9/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814277	Certified	Category 3	131934	Sacramento	No	10	0	2/25/2015	Root intrusion
SS	Sacramento City	City of Sacramento Combined CS	55S010901-C	813015	Certified	Category 3	2140 MARSHALL WAY, SACRAMENTO, CA	Sacramento	No	10	0	2/8/2015	Grease Deposition (FOG)
SS	Sacramento City	City of Sacramento Utilities CS	55S010901	813176	Certified	Category 3	2347 67th AVE, SACRAMENTO, CA	Sacramento	No	10	0	2/17/2015	Grease Deposition (FOG)
SS	Antioch City	City of Antioch CS	55S010890	813976	Certified	Category 3	5125 BELL DRIVE ANTIOCH	Contra Costa	No	9	0	2/9/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814238	Certified	Category 3	131269	Sacramento	No	9	0	2/16/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814251	Certified	Category 3	131497	Sacramento	No	9	0	2/19/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814243	Certified	Category 3	131302	Sacramento	No	8	0	2/17/2015	Root intrusion
SS	Stockton City MUD	City of Stockton MUD CS	55S011433	813276	Certified	Category 3	1221 N. California St.	San Joaquin	No	8	0	2/23/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814186	Certified	Category 3	130499	Sacramento	No	7	0	2/3/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814187	Certified	Category 3	130505	Sacramento	No	7	0	2/3/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814231	Certified	Category 3	131235	Sacramento	No	7	0	2/13/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814248	Certified	Category 3	131366	Sacramento	No	7	0	2/17/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814253	Certified	Category 3	131512	Sacramento	No	7	0	2/19/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814258	Certified	Category 3	131539	Sacramento	No	7	0	2/20/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814184	Certified	Category 3	130462	Sacramento	No	6	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814190	Certified	Category 3	130599	Sacramento	No	6	0	2/3/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814194	Certified	Category 3	130686	Sacramento	No	6	0	2/4/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814250	Certified	Category 3	131442	Sacramento	No	6	0	2/19/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814255	Certified	Category 3	131514	Sacramento	No	6	0	2/19/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814264	Certified	Category 3	131690	Sacramento	No	6	0	2/23/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814273	Certified	Category 3	131860	Sacramento	No	6	0	2/25/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814278	Certified	Category 3	131945	Sacramento	No	6	0	2/26/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814284	Certified	Category 3	132009	Sacramento	No	6	0	2/27/2015	Root intrusion
SS	Sacramento City	City of Sacramento Combined CS	55S010901-C	813188	Certified	Category 3	2730 BROADWAY, SACRAMENTO, CA	Sacramento	No	6	0	2/18/2015	Grease Deposition (FOG)
SS	Davis City	Davis CS	55S010921	813217	Certified	Category 3	409 J STREET	Yolo	No	5	0	2/14/2015	Root Intrusion
SS	Folsom City - Environmental & Water Resources Dept	City Of Folsom CS	55S010893	813623	Certified	Category 3	287 Barnhill Dr	Sacramento	No	5	0	2/2/2015	Debris from Construction
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814176	Certified	Category 3	130417	Sacramento	No	5	0	2/2/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814178	Certified	Category 3	130422	Sacramento	No	5	0	2/1/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814180	Certified	Category 3	130439	Sacramento	No	5	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814191	Certified	Category 3	130612	Sacramento	No	5	0	2/4/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814204	Certified	Category 3	130945	Sacramento	No	5	0	2/9/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814210	Certified	Category 3	130992	Sacramento	No	5	0	2/9/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814221	Certified	Category 3	131174	Sacramento	No	5	0	2/12/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814225	Certified	Category 3	131178	Sacramento	No	5	0	2/12/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814247	Certified	Category 3	131362	Sacramento	No	5	0	2/16/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814260	Certified	Category 3	131594	Sacramento	No	5	0	2/21/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814261	Certified	Category 3	131601	Sacramento	No	5	0	2/21/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814262	Certified	Category 3	131604	Sacramento	No	5	0	2/22/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814265	Certified	Category 3	131691	Sacramento	No	5	0	2/23/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814275	Certified	Category 3	131891	Sacramento	No	5	0	2/25/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55S010912	814399	Certified	Category 3	132064	Sacramento	No	5	0	2/28/2015	Root Intrusion
SS	San Joaquin Cnty Utility Maintenance Division	Pacific Gardens Sanitary District CS	55S011480	813379	Certified	Category 3	4307 Yacht Habor	San Joaquin	No	5	0	2/23/2015	Debris-General

Region	Agency	Collection System	WDID	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
55	Stockton City MUD	City of Stockton MUD CS	55SO11433	813142	Certified	Category 3	4423 Sigma Ct.	San Joaquin	No	5	0	2/17/2015	Debris-General
55	Antioch City	City Of Antioch CS	55SO10890	813973	Certified	Category 3	2000 GLENWOOD DR, ANTIOCH, CA	Contra Costa	No	4	0	2/28/2015	Root Intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814174	Certified	Category 3	130408	Sacramento	No	4	0	2/1/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814179	Certified	Category 3	130428	Sacramento	No	4	0	2/1/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814195	Certified	Category 3	130687	Sacramento	No	4	0	2/4/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814197	Certified	Category 3	130706	Sacramento	No	4	0	2/5/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814199	Certified	Category 3	130741	Sacramento	No	4	0	2/5/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814201	Certified	Category 3	130805	Sacramento	No	4	0	2/6/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814203	Certified	Category 3	130924	Sacramento	No	4	0	2/8/2015	Debris-General
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814209	Certified	Category 3	130982	Sacramento	No	4	0	2/10/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814224	Certified	Category 3	131177	Sacramento	No	4	0	2/12/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814252	Certified	Category 3	131511	Sacramento	No	4	0	2/19/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814256	Certified	Category 3	131519	Sacramento	No	4	0	2/20/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814257	Certified	Category 3	131531	Sacramento	No	4	0	2/20/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814259	Certified	Category 3	131554	Sacramento	No	4	0	2/20/2015	Debris-General
55	Sacramento City	City of Sacramento Utilities CS	55SO10901	813030	Certified	Category 3	2398 CAMBRIDGE ST, SACRAMENTO, CA	Sacramento	No	4	0	2/10/2015	Grease Deposition (FOG)
55	Antioch City	City Of Antioch CS	55SO10890	813319	Certified	Category 3	1014 St. Frances	Contra Costa	No	3	0	2/12/2015	Debris from Lateral
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814175	Certified	Category 3	130413	Sacramento	No	3	0	2/1/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814183	Certified	Category 3	130455	Sacramento	No	3	0	2/2/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814211	Certified	Category 3	130994	Sacramento	No	3	0	2/10/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814212	Certified	Category 3	131041	Sacramento	No	3	0	2/10/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814226	Certified	Category 3	131201	Sacramento	No	3	0	2/13/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814233	Certified	Category 3	131249	Sacramento	No	3	0	2/14/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814245	Certified	Category 3	131334	Sacramento	No	3	0	2/17/2015	Debris-General
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814267	Certified	Category 3	131702	Sacramento	No	3	0	2/24/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814271	Certified	Category 3	131796	Sacramento	No	3	0	2/24/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814279	Certified	Category 3	131961	Sacramento	No	3	0	2/26/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814283	Certified	Category 3	131994	Sacramento	No	3	0	2/27/2015	Root intrusion
55	Antioch City	City Of Antioch CS	55SO10890	813971	Certified	Category 3	5127 LONGDALE CT	Contra Costa	No	2	0	2/26/2015	Pipe Structural Problem/Failure
55	Placer Cnty Dept of Facility Services	SMD No. 2 CS	55SO11362	813135	Certified	Category 3	West Lane, Granite Bay, CA Map Page F15 Manhole 11	Placer	No	2	0	2/9/2015	Root Intrusion
55	Roseville City	Dry Creek CS	55SO10935	813295	Certified	Category 3	1044 Treasure Ln.	Placer	No	2	0	2/15/2015	Debris-Rags
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814181	Certified	Category 3	130441	Sacramento	No	2	0	2/2/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814182	Certified	Category 3	130446	Sacramento	No	2	0	2/2/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814188	Certified	Category 3	130553	Sacramento	No	2	0	2/3/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814200	Certified	Category 3	130767	Sacramento	No	2	0	2/6/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814202	Certified	Category 3	130893	Sacramento	No	2	0	2/8/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814208	Certified	Category 3	130978	Sacramento	No	2	0	2/9/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814216	Certified	Category 3	131110	Sacramento	No	2	0	2/11/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814218	Certified	Category 3	131161	Sacramento	No	2	0	2/12/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814228	Certified	Category 3	131220	Sacramento	No	2	0	2/13/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814232	Certified	Category 3	131236	Sacramento	No	2	0	2/13/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814234	Certified	Category 3	131253	Sacramento	No	2	0	2/13/2015	Debris-General
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814235	Certified	Category 3	131255	Sacramento	No	2	0	2/14/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814241	Certified	Category 3	131278	Sacramento	No	2	0	2/16/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814244	Certified	Category 3	131321	Sacramento	No	2	0	2/17/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814263	Certified	Category 3	131645	Sacramento	No	2	0	2/22/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814270	Certified	Category 3	131776	Sacramento	No	2	0	2/24/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814272	Certified	Category 3	131857	Sacramento	No	2	0	2/25/2015	Grease deposition (FOG)
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814274	Certified	Category 3	131877	Sacramento	No	2	0	2/24/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814280	Certified	Category 3	131969	Sacramento	No	2	0	2/26/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814281	Certified	Category 3	131973	Sacramento	No	2	0	2/26/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814285	Certified	Category 3	132023	Sacramento	No	2	0	2/27/2015	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814290	Certified	Category 3	132045	Sacramento	No	2	0	2/28/2015	Root intrusion
55	Antioch City	City Of Antioch CS	55SO10890	813974	Certified	Category 3	3210 WHATLEY CT, ANTIOCH, CA	Contra Costa	No	1	0	2/26/2015	Root Intrusion
55	Knights Landing Service Dist	Knights Landing CS	55SO10976	813296	Certified	Category 3	Mill street between 6th and 7th	Yolo	No	1	0	2/24/2015	Debris-General
55	Roseville City	Dry Creek CS	55SO10935	813682	Certified	Category 3	1212 Stiney Point	Placer	No	1	0	2/9/2015	Root Intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814185	Certified	Category 3	130464	Sacramento	No	1	0	2/2/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814192	Certified	Category 3	130619	Sacramento	No	1	0	2/4/2015	Operator error
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814193	Certified	Category 3	130685	Sacramento	No	1	0	2/4/2015	Root intrusion
55	Sacramento Area Sewer District	Sacramento Area Sewer District CS	55SO10912	814198	Certified	Category 3	130738	Sacramento	No	1	0	2/5/2015	Root intrusion

Region	Agency	Collection System	WDID	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
SS	Stockton City MUD	City of Stockton MUD CS	5SSO11433	813142	Certified	Category 3	4423 S Igna Ct.	San Joaquin	No	5	0	2/17/2015	Debris-General
SS	Antioch City	City Of Antioch CS	5SSO10890	813973	Certified	Category 3	2000 GLENWOOD DR, ANTIOCH, CA	Contra Costa	No	4	0	2/28/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814174	Certified	Category 3	130408	Sacramento	No	4	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814179	Certified	Category 3	130428	Sacramento	No	4	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814195	Certified	Category 3	130687	Sacramento	No	4	0	2/4/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814197	Certified	Category 3	130706	Sacramento	No	4	0	2/5/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814199	Certified	Category 3	130741	Sacramento	No	4	0	2/5/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814201	Certified	Category 3	130805	Sacramento	No	4	0	2/6/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814203	Certified	Category 3	130924	Sacramento	No	4	0	2/8/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814209	Certified	Category 3	130982	Sacramento	No	4	0	2/10/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814224	Certified	Category 3	131177	Sacramento	No	4	0	2/12/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814252	Certified	Category 3	131511	Sacramento	No	4	0	2/19/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814256	Certified	Category 3	131519	Sacramento	No	4	0	2/20/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814257	Certified	Category 3	131531	Sacramento	No	4	0	2/20/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814259	Certified	Category 3	131554	Sacramento	No	4	0	2/20/2015	Debris-General
SS	Sacramento City	City of Sacramento Utilities CS	5SSO10901	813030	Certified	Category 3	2398 CAMBRIDGE ST, SACRAMENTO, CA	Sacramento	No	4	0	2/10/2015	Grease Deposition (FOG)
SS	Antioch City	City Of Antioch CS	5SSO10890	813319	Certified	Category 3	1014 St. Frances	Contra Costa	No	3	0	2/12/2015	Debris from Lateral
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814175	Certified	Category 3	130413	Sacramento	No	3	0	2/1/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814183	Certified	Category 3	130455	Sacramento	No	3	0	2/2/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814211	Certified	Category 3	130994	Sacramento	No	3	0	2/10/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814212	Certified	Category 3	131041	Sacramento	No	3	0	2/10/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814226	Certified	Category 3	131201	Sacramento	No	3	0	2/13/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814233	Certified	Category 3	131249	Sacramento	No	3	0	2/14/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814245	Certified	Category 3	131334	Sacramento	No	3	0	2/17/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814267	Certified	Category 3	131702	Sacramento	No	3	0	2/24/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814271	Certified	Category 3	131796	Sacramento	No	3	0	2/24/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814279	Certified	Category 3	131961	Sacramento	No	3	0	2/26/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814283	Certified	Category 3	131994	Sacramento	No	3	0	2/27/2015	Root intrusion
SS	Antioch City	City Of Antioch CS	5SSO10890	813971	Certified	Category 3	5127 LONGDALE CT	Contra Costa	No	2	0	2/26/2015	Pipe Structural Problem/Failure
SS	Placer Cty Dept of Facility Services	SMD No. 2 CS	5SSO11362	813135	Certified	Category 3	West Lane, Granite Bay, CA Map Page F15 Manhole11	Placer	No	2	0	2/9/2015	Root Intrusion
SS	Roseville City	Dry Creek CS	5SSO10935	813295	Certified	Category 3	1044 Treasure Ln.	Placer	No	2	0	2/15/2015	Debris-Rags
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814181	Certified	Category 3	130441	Sacramento	No	2	0	2/2/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814182	Certified	Category 3	130446	Sacramento	No	2	0	2/2/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814188	Certified	Category 3	130553	Sacramento	No	2	0	2/3/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814200	Certified	Category 3	130767	Sacramento	No	2	0	2/6/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814202	Certified	Category 3	130893	Sacramento	No	2	0	2/8/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814208	Certified	Category 3	130978	Sacramento	No	2	0	2/9/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814216	Certified	Category 3	131110	Sacramento	No	2	0	2/11/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814218	Certified	Category 3	131161	Sacramento	No	2	0	2/12/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814228	Certified	Category 3	131220	Sacramento	No	2	0	2/13/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814232	Certified	Category 3	131236	Sacramento	No	2	0	2/13/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814234	Certified	Category 3	131253	Sacramento	No	2	0	2/13/2015	Debris-General
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814235	Certified	Category 3	131255	Sacramento	No	2	0	2/14/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814241	Certified	Category 3	131278	Sacramento	No	2	0	2/16/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814244	Certified	Category 3	131321	Sacramento	No	2	0	2/17/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814263	Certified	Category 3	131645	Sacramento	No	2	0	2/22/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814270	Certified	Category 3	131776	Sacramento	No	2	0	2/24/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814272	Certified	Category 3	131857	Sacramento	No	2	0	2/25/2015	Grease deposition (FOG)
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814274	Certified	Category 3	131877	Sacramento	No	2	0	2/24/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814280	Certified	Category 3	131969	Sacramento	No	2	0	2/26/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814281	Certified	Category 3	131973	Sacramento	No	2	0	2/26/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814285	Certified	Category 3	132023	Sacramento	No	2	0	2/27/2015	Pipe Structural Problem/Failure
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814290	Certified	Category 3	132045	Sacramento	No	2	0	2/28/2015	Root intrusion
SS	Antioch City	City Of Antioch CS	5SSO10890	813974	Certified	Category 3	3210 WHATLEY CT, ANTIOCH, CA	Contra Costa	No	1	0	2/26/2015	Root Intrusion
SS	Knights Landing Service Dist	Knights Landing CS	5SSO10976	813296	Certified	Category 3	Mill street between 6th and 7th	Yolo	No	1	0	2/24/2015	Debris-General
SS	Roseville City	Dry Creek CS	5SSO10935	813682	Certified	Category 3	1212 Stiney Point	Placer	No	1	0	2/9/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814185	Certified	Category 3	130464	Sacramento	No	1	0	2/2/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814192	Certified	Category 3	130619	Sacramento	No	1	0	2/4/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814193	Certified	Category 3	130685	Sacramento	No	1	0	2/4/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814198	Certified	Category 3	130738	Sacramento	No	1	0	2/5/2015	Root Intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814207	Certified	Category 3	130975	Sacramento	No	1	0	2/9/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814215	Certified	Category 3	131088	Sacramento	No	1	0	2/9/2015	Operator error
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814227	Certified	Category 3	131208	Sacramento	No	1	0	2/11/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814254	Certified	Category 3	131513	Sacramento	No	1	0	2/19/2015	Root intrusion
SS	Sacramento Area Sewer District	Sacramento Area Sewer District CS	5SSO10912	814268	Certified	Category 3	131729	Sacramento	No	1	0	2/24/2015	Root intrusion
SS	Yuba City	Yuba City CS	5SSO11100	813805	Certified	Category 3	650 Palm Ave	Sutter	No	1	0	2/24/2015	Other
SS	Yuba City	Yuba City CS	5SSO11100	813806	Certified	Category 3	1551 Esplanade Way	Sutter	No	1	0	2/24/2015	Other
SS	Yuba City	Yuba City CS	5SSO11100	813808	Certified	Category 3	632 Brooks Ave	Sutter	No	1	0	2/26/2015	Other