

California Regional Water Quality Control Board  
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT  
October 9/10, 2014

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## SUCCESS STORIES

### 1. Collection and Treatment of Drew Tunnel Inactive Mine Discharge

The Drew Tunnel discharge originates from historic Newmont underground mine operations in the Grass Valley area. Until recently, the discharge has been collected and treated at the City of Grass Valley's wastewater treatment plant prior to discharging to Wolf Creek. Drew Tunnel discharge to the City's treatment plant is problematic, primarily during wet weather, when Drew Tunnel discharge flow can exceed plant capacity which resulted in compliance issues and enforcement action by our Board against the City. To address this concern, Newmont and the City have collaborated to install a treatment system to collect and treat the Drew Tunnel discharge. On 24 September 2014 Drew Tunnel discharge directly to Wolf Creek via the treatment system was initiated, removing the discharge from the City's plant. This successful collaboration will substantially reduce hydraulic loading to the City's plant. Prior to treatment, Drew Tunnel discharge has elevated iron and manganese levels. The discharge to Wolf Creek is permitted under the Central Valley Water Board's limited threat general NPDES permit.

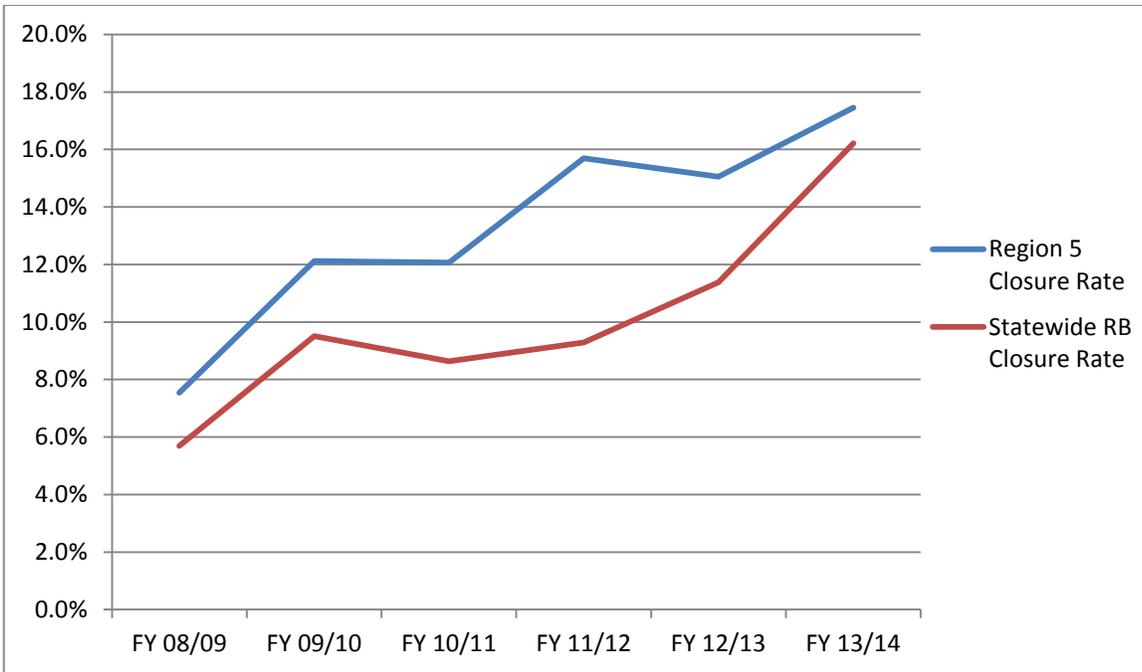
The Drew Tunnel discharge is one of four inactive mine related discharges that originate from historic Newmont underground mine operations in the Grass Valley area (near the City's municipal wastewater treatment plant). The Central Valley Water Board is working with Newmont, Nevada County, and the City of Grass Valley to ensure that these discharges are treated, as necessary to protect water quality. Newmont has proposed a wetland-based treatment system as a long-term solution. All four of the discharges would be conveyed to the new treatment system upon construction. Initial studies and planning for the treatment system have been conducted. Permits and California Environmental Quality Act (CEQA) planning will be conducted through spring 2015, with construction to follow.

### 2. **SUCCESS OF THE REGION 5 UNDERGROUND STORAGE TANK (UST) PROGRAM**

The UST program dates back to 1985 following the discovery of impacted supply wells in the Santa Clara Valley. There are two main programmatic components of the UST Program – Leak Prevention and Detection, which is implemented by a local agency (CUPA) and Site Clean-Up which is split between Regional Board and local lead agencies.

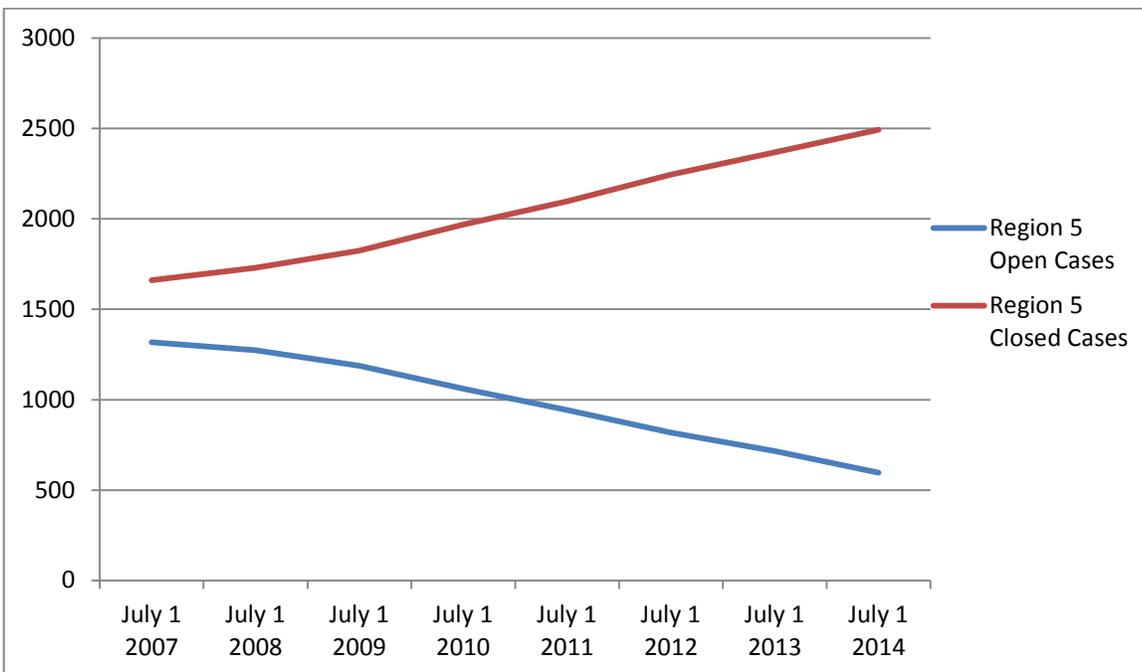
The Region 5 UST Program is funded to support 14.2 PYs. 2.5 PYs are funded from the Federal EPA UST Program; the balance is from the State UST Cleanup Fund. No program money comes from the State General Fund.

Region 5 is currently the lead agency for approximately 3100 cases, 2509 (80.9%) which have been satisfactorily investigated, remediated and closed. Of the 591 open cases approximately 60% of are overseen by the Sacramento Office, 26 % by the Fresno office and 14% in the Redding Office. Moving cases through to cleanup and closure is a high priority. Last year cleanup was completed on 127 Board lead cases and No Further Action Required letters were issued to the responsible parties. The following graph shows the percentage of Region 5 and Statewide open cases at the beginning of the fiscal year that were closed during the year for each of the last 6 years.



In May 2012 the State Board adopted the *Water Quality Control Policy for Low-Threat Underground Storage Tank Closure* (LTCP) prescribing site conditions for which cases were to be closed. Region 5 recognized the direction demanded by the draft policy and began implementing many of the concepts nearly 2 years prior to adoption of the policy. This year we are again aiming to close over 16% of our open cases even as we have absorbed a 10% staff reduction in the program. We continue to maintain a higher closure rate than the State wide average.

Over the past 7 fiscal years we have averaged approximately 119 case closures per year. During the same period approximately 16 new releases were reported per year. This results in a net reduction of the UST program caseload. The following graph shows the number of open and closed Region 5 lead cases.



The cases that remain open are the more complicated and contentious and thus require greater staff time on a per case basis. We also continue to have cases referred to us from the local programs. In June 2013 the State Board did not recertify approximately 12 existing local programs in the Region, which resulted in roughly 80 open cases being transferred to us (closed cases were not transferred). This year we expect 20-30 cases to be referred to us. As other local programs are phased out in future years we expect additional cases to be transferred, but still at a lower rate than cases are closed.

### 3. **CLEAN-UP SITES SUCCESSFULLY CLOSED-NO FURTHER ACTION REQUIRED**

**800 Riverside Avenue Property, Roseville, Placer County.** In 2011, the Estate of Kenneth Ainsworth removed hydraulic hoists and a floor drain sump and excavated soil impacted with hydraulic oil and gasoline to a depth of 12 feet. Groundwater that was encountered between 7 and 8 feet deep was repeatedly pumped out of the excavations resulting in improving groundwater quality. Further groundwater sampling has continued to demonstrate that residual concentrations of petroleum hydrocarbons and acetone have decreased to near or below water quality objectives and low remaining residual concentrations are expected to continue decreasing with time. A Conditional No Further Action Determination letter was issued on July 10, 2014.

**Agreement for Cleanup and Redevelopment of the Former Orchard Supply Property in Midtown Sacramento, Sacramento County.** The Orchard Supply Company Site, located at 1731 17<sup>th</sup> Street in Sacramento, formerly operated as an agricultural chemical outlet. The Orchard Supply Company went bankrupt and the Department of Toxic Substances Control has funded cleanup actions for the soil at the site which has made the property suitable for commercial use. However, groundwater beneath the site remains contaminated. 17R Sacramento Partners, LLC (17R), is seeking to purchase the site for redevelopment. The Central Valley Water Board and the Department of Toxic Substances Control have entered into a tentative agreement with 17R and the Capital Area Development Authority (CADA) that would release 17R from environmental liability associated with the cleanup of the site after 17R contributes \$550,000 to a groundwater cleanup trust to be administered by CADA with Central Valley Water Board staff oversight. The groundwater beneath the site will be cleaned up by injecting a treatment compound that has been shown to successfully break down the pollutants found in the groundwater at the site.

**Union Pacific Railroad Company, 131 W. Orange Avenue, Porterville, Tulare County.** A no further action determination was issued on 16 July 2014 for the Union Pacific Railroad Company site, 131 W. Orange Avenue, Porterville, Tulare County. Heavy end petroleum hydrocarbons were discovered in soil associated with a former aboveground storage tank. The lateral and vertical extent of impacts to soil and groundwater were delineated in a series of assessments. Degraded soil was excavated to a depth of 10 feet and disposed of offsite. Petroleum hydrocarbons were not detected in groundwater in the final groundwater monitoring event. The consultant, Arcadis, stated in a closure report that the negligible amount of petroleum hydrocarbons remaining in soil does not pose a significant threat to human health, groundwater, or the environment.

### 4. **UNDERGROUND STORAGE TANKS-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) **UST FRESNO OFFICE**

- **Silvas Oil Company, 1250 Laurel Avenue, Kingsburg, Fresno County**

The Silvas Oil Company facility is an operating commercial fueling facility. A diesel release was discovered during UST dispenser upgrades in 2006. A subsequent investigation found the release to be small, with no groundwater impacts. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy (LTCP), and was closed 1 July 2014.

- **G&K Mini Mart, 4090 South Chestnut Avenue, Fresno, Fresno County**

The site is currently a vacant lot but was formerly a convenience store with retail fueling facilities. The USTs were removed in May 2000, and gasoline constituents were detected in soil. Additional investigations

defined the extent of the release. The release did not extend deeper than 25 feet, and groundwater (estimated to be at 70 feet) was not impacted. The case met the closure criteria contained in the LTCP and was closed 14 August 2014.

- **Aqua-Chlor, 2885 East Jensen Avenue, Fresno, Fresno County**  
The site is currently a vacant lot, but was formerly a manufacturing business. USTs, used for the storage of petroleum based raw materials used in manufacturing were removed in 2008 and petroleum hydrocarbon constituents were detected in soil. Soil investigations defined the extent of the release, which did not impact groundwater. The case met the closure criteria contained in the LTCP and was closed 14 July 2014.
- **EZ Trip, 6639 North Parkway Drive, Fresno, Fresno County**  
In November 1996 gasoline was detected in soil during an upgrade of the fuel dispensers. Subsequent soil investigations defined the extent of the release. Monitoring determined free product was present in groundwater. Soil vapor extraction was conducted and removed about 7,440 pounds (1,200 gallons) of gasoline. Groundwater monitoring demonstrated that gasoline constituents have declined to below water quality objectives. The case was closed 13 August 2014.
- **Continental Auto Exchange, 100 South 19-½ Avenue, Lemoore, Kings County**  
A gasoline release to soil and shallow groundwater was discovered when UST were removed in 1988. Site investigation determined that gasoline and diesel constituents were present beneath the former UST and fuel dispensers. Gasoline concentrations in groundwater decreased during the monitoring history. The case met closure criteria in the LTCP and was closed 30 July 2014.
- **Etcheverry's Market, 8104 Road 24, Madera, Madera County**  
The site is currently an active commercial fueling facility with a convenience store. Two USTs were removed from the site in 1997, and gasoline was detected in soil. The Madera County Environmental Health Department referred the case to the Central Valley Water Board in 2007. Subsequent investigations found the release had impacted groundwater. Soil vapor extraction and air sparging were performed and removed approximately 5,800 pounds (935 gallons) of gasoline. Groundwater monitoring indicated water quality objectives were met and the case was closed on 1 July 2014.
- **Bilco Oil, 529 South Gateway Drive, Madera, Madera County**  
Three gasoline and one diesel UST were removed in 2001. Subsequent investigations identified gasoline impacts to soil and groundwater. Soil vapor extraction was performed and removed about 117,000 pounds (18,870 gallons) of gasoline. When last sampled in 2013, no gasoline constituents were detected in groundwater. The case met the closure criteria contained in the LTCP and was closed 1 July 2014.
- **Sierra Telephone Maintenance Yard, 39858 Road 525-B, Oakhurst, Madera County**  
One 12,000-gallon gasoline UST was removed in 1998 and gasoline was detected in soil. Subsequent investigations detected significant concentrations of gasoline in shallow groundwater and low concentrations in the deeper fractured rock aquifer. Soil vapor extraction removed an unknown quantity of gasoline. Concentrations of petroleum hydrocarbons in groundwater have been declining and during the last sampling event in 2013, gasoline was only detected in shallow monitoring wells in the source area. The case met the closure criteria in the LTCP and was closed on 1 July 2014.
- **Felix's Chevron, 198 East Naranjo Boulevard, Woodlake, Tulare County**  
Gasoline constituents were discovered in soil adjacent to onsite USTs during a 1995 site investigation. The USTs were removed and investigation determined the MTBE plume was commingled with another UST release to the west. Floating product was present until 2009. About 38,000 pounds (6,100 gallons) of gasoline were removed by soil vapor extraction and air sparging. The case met closure criteria contained in the LTCP and was closed 7 August 2014.

b) **UST SACRAMENTO OFFICE**

- **Tosco/76 (Former BP) Station # 11135, 495 4th Street, Williams, Colusa County**  
In 1986 Mobil Oil Corporation (Mobil) discovered an unauthorized fuel release had occurred and removed and replaced four underground storage tanks. Site investigation defined the extent of the petroleum

hydrocarbons. About 220,000 gallons of petroleum hydrocarbon impacted groundwater and 58 tons of hydrocarbon impacted soil were removed from the Site. Oxygen injection was implemented and petroleum constituent concentrations have dropped significantly. The site was closed on 1 July 2014.

- **B & G Mini Mart, 3005 Highway 49, Auburn, Placer County**  
In December 1987, a pump turbine malfunctioned and soil samples obtained during its replacement showed that an unauthorized release of petroleum had occurred. Free phase petroleum was present on the groundwater beneath the Site. Active remediation removed about 22,000 pounds (3,520 gallons) of petroleum, reducing constituent concentrations. Water quality is expected to be restored in 10 to 15 years. The site was closed on 2 May 2014.
- **Johnson Petroleum Construction, 121 Church Street, Roseville, Placer County**  
In October 2003, three kerosene underground storage tanks were identified, drained, and subsequently abandoned in place. Soil samples were collected from the base of the UST cavity, and the analytical results indicated that an unauthorized release of petroleum hydrocarbons had occurred. Multiple phases of soil excavation were implemented at the Site. The residual petroleum mass consists primarily of degraded kerosene and diesel fuel, with little to no benzene, or ethylbenzene. The pollutant mass is limited in extent and it will likely degrade in place. The site was closed on 9 May 2014
- **Shell-Brand Service Station, 3999 Douglas Boulevard, Roseville, Placer County**  
In January 1990, Shell observed gasoline impacted groundwater in early detection wells installed within the Site's UST basin. Shell implemented several phases of remediation, including groundwater extraction; dual phase extraction, in-situ chemical oxidation, and soil excavation were completed, removing about 7,000 pounds (1,100 gallons) of petroleum hydrocarbons from beneath the Site. The site was closed on 30 April 2014.
- **Art Hayashida, Assignee (Service Transport Lines Inc.), 618 Galveston Street, West Sacramento, Yolo County.** In 1998 Service Transport Lines Inc. removed two underground storage tanks and discovered that an unauthorized fuel release had occurred. About 300 cubic yards of hydrocarbon impacted soil was removed and site investigation defined the extent of the petroleum impacts at the property. A dual-phase extraction pilot test and a 27-day ozone injection pilot test were implemented. Periodic batch groundwater extraction removed about 22,540 gallons of petroleum hydrocarbon impacted groundwater from the Site. Petroleum constituent concentrations have dropped significantly over time as a result of active remediation. The site was closed on 19 August 2014.

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

**Sacramento**

- (former) Crystal Creamery, 1013 D Street, Sacramento
- Arco Station #703, 1266 Howe, Sacramento
- Arco Station #2096, 2460 Florin Road, Sacramento
- Quik Stop Market No. 135, 5764 Antelope Road, Sacramento
- Quik Stop Market No. 139, 1295 Fulton Avenue, Sacramento
- Sacramento Rug Works, 1308 65<sup>th</sup> Street, Sacramento
- Chevron Service Station #9-1561, 4800 Freeport Boulevard, Sacramento
- Shell SS, 3510 Fair Oaks Boulevard, Sacramento

**Tulare County**

- Time Oil Company, 2440 South Mooney Boulevard, Visalia
- Tri Mart Chevron, 526 South Kaweah Avenue, Exeter

## STAFF RECOGNITION

### SUPERIOR ACCOMPLISHMENT AWARDS

At the August 7/8, 2014 Board meeting, Executive Officer presented the superior accomplishment award to the Christine Joab

**Candidate:** Christine Joab  
**Unit:** Delta TMDLs – Sacramento Office  
**Title:** Environmental Scientist  
**Supervisor:** Patrick Morris

Christine has worked diligently addressing the dissolved oxygen impairment in the Stockton Deep Water Ship Channel. As lead for implementing the DO TMDL for the last 5 years, she has coordinated with the many stakeholders involved in the project and has gained a detailed understanding of the complexities of the impairment. During Christine's oversight of the DO TMDL, the channel has experienced noted improvements in dissolved oxygen levels. Recently, Christine has helped review and comment on the draft environmental document for the Bay Delta Conservation Plan, a very complicated conservation strategy to restore fish and wildlife in the Delta and secure California's water supplies.

Christine is also very active in our employee association. She brightens our work environment with seasonal decorations and helps organize parties that unite us as an office.

### EMPLOYEE OF THE MONTH AWARD

JULY, 2014

**Candidate:** Steve Meeks  
**Unit:** Site Cleanup Program  
**Title:** Senior Water Resource Control Engineer  
**Supervisor:** Duncan Austin

Steve has worked in Cleanup Program for 8 years, first as a staff engineer, then as a supervising senior. Steve has consistently provided high quality oversight of complex soil and groundwater cleanups. We appreciate Steve's dedication to achieving excellent results that are consistent with the policies, regulations, and requirements of the Central Valley Board.

Steve came to the Regional Board in 2006 after working for 17 years as a senior manager Delta Environmental. Steve managed the cleanup of one of our region's most challenging sites, the Downtown Sacramento Rail Yards. In addition to his technical expertise and management of environmental clean-ups, Steve has a real knack for getting complex projects organized, keeping them on task, and keeping dischargers on schedule.

In 2011, Steve was promoted to Senior, managing a unit of 5 geologists and engineers who oversee a combined total of over 100 cases. Steve's ability to achieve high quality results with his staff and their cases is due in large part to his effective skills in interfacing and communicating with other regulators, dischargers, and consultants. Finally, his friendly personality gives him the ability to build great relationships with stakeholders, which truly makes the difference in getting sites cleaned up and closed.

## EMPLOYEE OF THE MONTH AWARD

### SACRAMENTO OFFICE

AUGUST, 2014

**Candidate:** Mike Smith  
**Unit:** Storage Tank Enforcement Unit 1  
**Title:** Environmental Scientist  
**Supervisor:** Joe Mello

Mike has been one of our more effective staff members, consistently outpacing the statewide average each year in UST performance measures.

Mike takes the personal approach with the regulated community, providing a high level of customer service and working closely with responsible parties to achieve effective and efficient groundwater cleanups. His approach has not only led to a successful cleanup rate for his cases, but has also led to continued cleanup at high priority sites where funding had not been available. He is currently working on nine cases which have recently been transferred to the Regional Board and have been inactive for nearly two decades.

**Candidate:** Alisha Wenzel  
**Unit:** Surface Water Ambient Monitoring Program  
**Title:** Environmental Scientist  
**Supervisor:** Susan Fregien

Alisha is the Surface Water Ambient Monitoring Program Coordinator for Region 5. She is receiving this recognition award for her outstanding management of multiple SWAMP projects during the past several years while the program has undergone many staff changes.

Alisha has developed excellent working relationships with staff within the Water Boards and at a variety of other organizations and institutions. This is a vital skill and a big reason for her success. Alisha oversees the day-to-day work of four scientific aids, which includes complex field sampling and laboratory analyses schedules, entering and uploading SWAMP monitoring data, and preparation of reports and fact sheets. In addition, she manages several research contracts, coordinates with other staff working on SWAMP-funded projects in all three offices, and provides expert guidance regarding SWAMP monitoring and quality assurance protocols. Alisha has also provided significant input in the process of developing long-term program priorities with the Executive Management Group. Alisha maintains a professional, helpful and optimistic attitude through all her duties,

### FRESNO OFFICE

JUNE, 2014

**Candidate:** Ronald E. Holcomb  
**Unit:** Title 27  
**Title:** Engineering Geologist  
**Supervisor:** Dan Carlson

Ron's thorough and professional work greatly contributes to the success of the Title 27 Unit and to our organization.

During the month of May, Ron performed the following:

- Reviewed a Work Plan to Decommission Groundwater Monitoring wells at the Taft Sanitary Landfill;
- Reviewed a Construction Quality Assurance Report for Liner Construction at the McKittrick Waste Treatment Facility;
- Reviewed the Threat to Water Quality/Complexity rating for the China Grade Sanitary Landfill;

- Completed Tentative WDRs for the Zenda Mine;
- Performed seven landfill inspections; and
- Presented a summary of the Mining Program within the southern part of the Region at the Board Workshop in Redding.

Ron has been with the Central Valley Water Board for 15 years and in private consulting for 11 years prior. As a Professional Geologist, Certified Engineering Geologist, and Certified Hydrogeologist, Ron is qualified to address a broad range of issues. Having such expertise, Ron has and continues to be a resource for staff within and outside of the Landfill Unit.

Ron continues to expand his professional knowledge and is actively working on his Master's Degree. He expects to defend his thesis by the end of this year.

Ron's work is thorough and he often provides assistance to others in the office, which is not always reflected in his document output; but which has greatly benefited our agency as a whole.

### FRESNO OFFICE

JULY, 2014

**Candidate:** John D. Whiting  
**Unit:** UST Program  
**Title:** Engineering Geologist  
**Supervisor:** Shelton R. Gray

John has worked in a professional capacity as an Engineering Geologist in the UST Program for with the Central Valley Water Board for nearly 14 years. John consistently provides high quality oversight of complex soil and groundwater cleanups and closure involving underground storage tank release cases. We appreciate John's dedication to achieving excellent results that are consistent with the policies, regulations, and requirements of the State of California and the Central Valley Water Board.

John came to the Central Valley Water Board in 2000, like many in the Fresno office, from several years with local environmental consulting firms. John manages nearly 70 UST cases, several of the most challenging sites in the area, including the City of Dinuba, a major groundwater remediation project, where several legal and consulting firms are involved. In addition to his technical expertise and management of tank cases, John is able to get complex projects organized, keep them on task, and working to keep dischargers on schedule.

John's ability to achieve high quality results, as well as provide oversight and review of other staff products, is due to his effective skills in interfacing, communicating with other regulators, dischargers, and consultants. Finally, his consistent, quiet personality gives him the ability to build great relationships with stakeholders, which makes the difference in getting sites cleaned up and closed.

### FRESNO OFFICE

AUGUST, 2014

**Candidate:** Douglas L. Wachtell  
**Unit:** Oil Field  
**Title:** Engineering Geologist  
**Supervisor:** Dane Johnson

Doug's thorough and professional work product greatly contributes to the success of the Oil Field Program and our organization.

During the previous month, tasks completed include:

1. Sent out eight 13267 Orders for information regarding use of injections wells for disposal of oil field produced water;
2. Collected samples from water supply wells located near active injection wells (three days in the field + significant prep time);
3. Observed monitoring well sampling by the discharger at Aera's Lost Hills facility;
4. Processed two drilling sump Notices of Intent and subsequently issued two Notices of Applicability;
5. Reviewed the file and arranged a meeting regarding Valley Water Management Company's McKittrick oil field disposal ponds;
6. Reviewed submittals from previous section 13267 Orders issued to ExxonMobil and Chevron;
7. Doug also provides technical support to the State Water Board's SB4/fracking group and responds to numerous Public Records Act requests.

Doug has been with the Central Valley Water Board for about 15 years and worked in the petroleum industry for 7 years prior to that. With his background, Doug has and continues to be a resource for staff within and outside of the organization. Doug consistently maintains a cheerful and professional demeanor. His efforts in the performance of his assigned duties, including Safety and Training Coordinator, make him a valuable contributor to our organization.

### REDDING OFFICE

JUNE, 2014

**Candidate:** Stacy Gotham  
**Unit:** NPDES  
**Title:** WRCE Engineer  
**Supervisor:** Bryan Smith

Stacy is the acting lead of the NPDES unit in the Redding office. She excels in this role and her contributions to the unit, the office, and the Region are highly valued and appreciated. Several new staff has joined the unit since Stacy has been the lead. She has helped to train the new staff, and review their work products. She helps plan and organize the unit's work, and contributes to management discussions regarding NPDES program activities. She has excellent written and verbal communication skills and provides insightful comments. She has had a key role in numerous permitting actions and several enforcement cases. She is reliable, hardworking, flexible, and has a positive attitude.

### REDDING OFFICE

JULY, 2014

**Candidate:** Scott Zaitz  
**Unit:** Storm Water/Water Quality Certification  
**Title:** Environmental Scientist  
**Supervisor:** George Day

Scott has performed excellent work regulating storm water from high profile Caltrans bridge & safety projects. He has conducted over 168 storm water inspections and 33 water quality inspections over the past year. Those inspections included high profile Caltrans bridge and highway safety projects. Scott is an asset to the Storm Water and Water Quality Certification unit, and to the entire Central Valley Water Board. Scott is well known for his extensive knowledge of these programs and his skills as a regulator. He is respected by the regulated community, the public and his peers. He provides a field presence on projects that require a critical eye to prevent water quality impacts.

## REDDING OFFICE

AUGUST, 2014

**Candidate:** Eric Rapport  
**Unit:** Onsite Wastewater Specialist  
**Title:** Sr. Engineering Geologist  
**Supervisor:** Bryan Smith

Eric has done an excellent job taking a lead role in the OWTS Policy implementation. Eric was recently assigned to lead the Region's implementation of the Onsite Waste Treatment Systems (OWTS) Policy. He has done an excellent job getting up to speed on the OWTS Policy and reaching out to fellow regulators and the regulated public. Eric has prepared a checklist to aid in timely and efficient review of Local Agency Management Programs, and has identified key issues for management discussion and decision. Eric has applied his new onsite wastewater focus to several challenging cases including the Chico septic systems prohibition area, and the Red Bluff/Antelope area nitrate problem. His input into these and other challenging cases has furthered the scientific rigor and resulted in new ways to evaluate groundwater impacts and source identification.

Eric is transitioning away from Site Cleanup Program cases, but is progressing and closing some of the most challenging cases managed by the Redding office. Eric has a positive, thoughtful attitude and produces reliable, high quality, hard work that is appreciated by his peers and management.

## **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](http://www.waterboards.ca.gov/about_us/docs/resource_alignment_report.pdf).

Below is the Region 5 Performance Measurement Summary for the current fiscal year. This report was produced with data through 100% of the 2013-14 fiscal year.

### Region 5 Performance Measurement Summary from 1 July 2013 to 30 June 2014

Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
<b>NPDES Wastewater</b>						
Major Individual Permits Issued, Revised and Renewed	9	17	189%	n/a	n/a	Staff generally plan to renew more major permits than the performance target to account for potential delays such as: technical concerns; shifts in priorities; or extending public comment periods to facilitate better stakeholder involvement. There were minimal delays on renewals of major individual NPDES permits during FY 13/14, which resulted in exceeding the target.
Major Individual Permits Facilities Inspected	51	29	57%	n/a	32	Target reflects the use of contractor help that was not available during FY 13/14.
Minor Individual Permits Issued, Revised and Renewed	19	18	95%	n/a	n/a	During the permit renewal process, it is sometimes determined that an individual NPDES permit is no longer needed. This typically occurs for facilities that can be regulated under a general NPDES permit, or that no longer need an NPDES permit due to ceased discharge(s) to surface waters. In FY 13/14, Region 5 rescinded three minor individual NPDES permits instead of renewing them.
Minor Individual Facilities Inspected	7	10	143%	n/a	13	The target for inspections was significantly exceeded because the inspections counted includes follow-up and complaint investigations, inspection types that were not included when the target was set, plus an increase in field work in the oil fields.
Minor General Enrollees Facilities Inspected	0	1	N/A	n/a	1	
<b>Waste Discharge to Land – Wastewater</b>						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	26	72%	n/a	n/a	The region experienced a vacancy of a key position mid-way through the fiscal year, received and processed a higher than anticipated number of applicants for general order enrollments (112 vs. 45), and increased its field presence in oil fields.
Municipal Waste Facilities Inspected	75	114	152%	n/a	116	The target for inspections was significantly exceeded because the number of inspections counted includes pre-requirement, follow-up, and complaint investigations, inspection types that were not included when the target was set.
Industrial Waste Facilities Inspected	45	61	136%	n/a	61	
All Other Facilities Inspected	10	10	100%	n/a	11	
<b>Land Disposal</b>						
Landfills Permits Issued, Revised and Renewed	9	14	156%	n/a	n/a	
Landfills Facilities Inspected	73	99	136%	n/a	149	The target for landfill inspections was exceeded due to including compliance/enforcement and construction inspections coupled with the added oil field inspections completed in the Fresno Office counties. Not all of these inspections were not thought to have been included in the target.
All Other Permits Issued, Revised and Renewed	5	1	20%	n/a	n/a	Staff in Sacramento were redirected from permits to assist with two complex Cleanup and Abatement Orders (CAOs) for mines. Cleanup and Abatement Orders are not counted towards permit performance targets in the Land Disposal program.
All Other Facilities Inspected	48	22	46%	n/a	26	Staff in Sacramento redirected from permits to assist with two complex CAOs for mines. Staff inspected multiple unregulated facilities, but those sites are not included in the inspection counts.
<b>NPDES Storm Water</b>						
Stormwater Construction Facilities Inspected	289	489	169%	n/a	652	Due to drought conditions, construction stormwater inspections led to less violations and, subsequently, less enforcement actions. Thus, staff were allotted more field time for inspections.
Stormwater Industrial Facilities Inspected	195	220	113%	n/a	243	
Stormwater Municipal Facilities Inspected	4	8	200%	n/a	8	Field inspectors were inadvertently under the impression that 9 facility inspections was the target; it required significant staff resources to complete the 8 inspections.
<b>Other Programs</b>						
Timber Harvest Inspections	120	141	118%	n/a	141	
Confined Animal Facility Facilities Inspected (Dairies)	320	413	129%	n/a	491	The target for Confined Animal Facilities Inspections was significantly exceeded because the number of inspections counted includes "Follow-up" and "Closure" inspections; those inspection types were not included in the target development.
<b>Clean Up</b>						
New DoD Sites Into Active Remediation	63	60	95%	n/a	n/a	Three cases were rescheduled to the following fiscal year (FY 14/15).
New SCP Sites Into Active Remediation	36	41	114%	n/a	n/a	
Cleanup Program Sites Closed	140	50	36%	n/a	n/a	94 DoD closures were inadvertently included in the target estimate. (There is no target for DoD site closures.) Private site closures were estimated to be 46, which was achieved.
New UST Sites Into Active Remediation	45	55	122%	n/a	n/a	In June 2013 approximately 80 open UST cases were transferred from Local Agencies to the Regional Board. Many of these cases were much further along than indicated in GeoTracker. After the cases were transferred, RB staff reviewed all the case files and updated GeoTracker to represent current site conditions. This resulted in a greater number of active remediation sites and site closures than projected.
Underground Storage Tank Sites Closed	105	127	121%	n/a	n/a	Refer to previous comment (re: ~80 cases transferred to Regional Board).
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

Below is the Region 5 Performance Measurement Summary for the current fiscal year. This report was produced with data through 16% of the current fiscal year.

## Region 5 Performance Measurement Summary from 1 July 2014 to 29 August 2014

Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
<b>NPDES Wastewater</b>						
Major Individual Permits Issued, Revised and Renewed	8	2	25%	n/a	n/a	
Major Individual Permits Facilities Inspected	22	0	0%	n/a	0	
Minor Individual Permits Issued, Revised and Renewed	16	1	6%	n/a	n/a	
Minor Individual Facilities Inspected	10	1	10%	n/a	1	
Minor General Enrollees Facilities Inspected	0	2	N/A	n/a	2	
<b>Waste Discharge to Land – Wastewater</b>						
Municipal Waste, Industrial Waste, and All Other Facilities - Permits Past Review Date Updated	32	6	19%	n/a	n/a	
Municipal Waste, Industrial Waste, and All Other Facilities - Facilities Inspected	130	34	26%	n/a	25	Inspections for the three different Facility types have been consolidated to be consistent with State Board reporting format.
<b>Land Disposal</b>						
Landfills Permits Issued, Revised and Renewed	9	1	11%	n/a	n/a	
Landfills Facilities Inspected	20	11	55%	n/a	0	
All Other Permits Issued, Revised and Renewed	7	1	14%	n/a	n/a	
All Other Facilities Inspected	83	2	2%	n/a	2	
<b>NPDES Storm Water</b>						
Stormwater Construction Facilities Inspected	289	59	20%	n/a	61	
Stormwater Industrial Facilities Inspected	195	24	12%	n/a	24	
Stormwater Municipal Facilities Inspected	0	0	N/A	n/a	0	
<b>Other Programs</b>						
Timber Harvest Facilities Inspected	160	34	21%	n/a	35	
Confined Animal Facility Facilities Inspected (Dairies)	320	61	19%	n/a	63	
<b>Clean Up</b>						
New DoD Sites Into Active Remediation	56	0	0%	n/a	n/a	
New SCP Sites Into Active Remediation	80	9	11%	n/a	n/a	
Cleanup Program Sites Projected Closed	60	9	15%	42	n/a	Staff inadvertently included 18 DoD site closures in this metric; therefore, the Revised Target should be 42.
New UST Sites Into Active Remediation	59	8	14%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	103	17	17%	n/a	n/a	

\* Actuals: Number of facilities inspected or permits issued.

\*\* Total #: Number of inspections completed including all reinspections.

## ENFORCEMENT

### 1. **\$381,000 in Mandatory Minimum Penalty ACL Complaints Issued**

On 8 September 2014, the Assistant Executive Officer issued 12 Administrative Civil Liability Complaints which assess mandatory minimum penalties for effluent limit violations or late reporting violations of NPDES permits. The Dischargers may either pay the penalty within 30 days, request to enter into settlement discussions, or request a hearing before the Board. The following Administrative Civil Liability Complaints were issued:

- a. The City of Brentwood was assessed \$12,000 for four violations of the dibromochloromethane limit which occurred between 1 May 2013 and 31 March 2014 at its wastewater treatment plant.
- b. The Department of Corrections and Rehabilitation was assessed \$12,000 for two violations of the bromoform limit, one violation of the dibromochloromethane limit, and one violation of the total nitrate as nitrogen limit which occurred between 1 January 2014 and 31 March 2014 at the Deuel Vocational Institution.
- c. The City of Stockton was assessed \$12,000 for four violations of the total ammonia nitrogen effluent which occurred between 1 June 2013 and 31 March 2014 at its Regional Wastewater Control Facility.
- d. The California Water Service Company was assessed \$3,000 for one violation of the total chlorine residual limit which occurred between 22 July 2011 and 31 March 2014 from its Stockton District Water System Maintenance Project.
- e. Raymus Homes was assessed \$9,000 for three late reporting violations occurring between 6 December 2013 and 31 March 2014 from its Oleander Estates Unit 1 Dewatering Project.
- f. McElvany Incorporated was assessed \$57,000 for nineteen late reporting violations which occurred between 30 April 2013 and 31 March 2014 at its Blossom Grove Subdivision Project.
- g. The City of Davis was assessed \$18,000 for five violations of the total residual chlorine limit and one violation of the total suspended solids limit which occurred between 1 October 2012 and 31 March 2014 at its wastewater treatment plant.
- h. The El Dorado Irrigation District was assessed \$3,000 for one violation of the total recoverable mercury limit which occurred between 1 December 2007 and 31 March 2014 at its Deer Creek wastewater treatment plant.
- i. The Sacramento Regional County Sanitation District was assessed \$6,000 for two violations of the ammonia limit which occurred between 1 September 2012 and 31 March 2014 at its wastewater treatment plant.
- j. The Linda County Water District was assessed \$9,000 for three violations of the ammonia limit which occurred between 1 January 2014 and 31 March 2014 at its wastewater treatment plant.
- k. The City of Yuba City was assessed \$30,000 for five violations of the settleable solids limit, one violation of the pH limit, and four violations of the total residual chlorine limit which occurred between 1 January 2013 and 31 March 2014 from its wastewater treatment plant.
- l. California Sprouts, LLC was assessed \$210,000 for seventy late reporting violations for failure to submit reports which occurred between 30 April 2012 and 31 March 2014 at its Sacramento sprouts farm.

## 2. ENFORCEMENT UPDATE

17 June 2014 through 29 August 2014

From a statewide perspective, Region 5 was responsible for approximately 53% of all the enforcement actions tracked in CIWQS during this period including 80% of all NOV's, and 22% of all ACL's

Since the last report, the Central Valley Water Board enforcement staff issued a number of formal and informal enforcement actions:

Region	13267	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	TSO	VER	Total
1	0	2	1	1	0	0	1	0	0	0	0	5
2	0	8	0	0	0	0	0	0	0	0	0	8
3	0	2	0	0	0	0	0	0	1	0	0	3
4	6	11	0	0	44	7	23	8	0	2	1	102
<b>5F</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>11</b>	<b>0</b>	<b>139</b>	<b>1</b>	<b>8</b>	<b>212</b>
<b>5R</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>
<b>5S</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>97</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>121</b>
6T	1	1	1	0	0	0	0	0	6	0	10	19
6V	0	0	1	0	0	0	3	0	1	0	16	21
7	0	1	0	0	0	0	0	0	6	0	0	7
8	0	1	0	0	0	91	1	0	7	0	10	110
9	1	5	1	0	0	2	2	0	21	1	3	36
<b>Total</b>	<b>8</b>	<b>40</b>	<b>4</b>	<b>2</b>	<b>47</b>	<b>155</b>	<b>148</b>	<b>8</b>	<b>182</b>	<b>5</b>	<b>60</b>	<b>659</b>

### Enforcement Actions:

**13267** = 13267 Letter/Order

**ACL** = Administrative Civil Liability

**CAO** = Cleanup and Abatement Order

**CDO** = Cease and Desist Order

**EPL** = Expedited Payment Letter

**NNC** = Notice of Non-Compliance (Stormwater)

**NOV** = Notice of Violation

**NTC** = Notice to Comply

**SEL** = Staff Enforcement Letter

**TSO** = Time Schedule Order

**VER** = Verbal Communication

The following is a list of major enforcement actions that have been issued since the previous EO Report:

Action Date	Action	Facility Name	Summary of Violations
6/23/2014	Administrative Civil Liability	William R. Sinks	Administrative Civil Liability (ACL) Complaint R5-2014-0528 settled for \$3,540 for failure to submit Report of Waste Discharge (RoWD) as required under Water Code section 13260.
7/10/2014	Administrative Civil Liability	Red Bluff Wastewater Reclamation Plant	ACL Order memorializing that the Discharger completed a Compliance Project in excess of the ACL penalty amount and in accordance with the Enforcement Policy. ACL Complaint had previously been issued for a Mandatory Minimum Penalty (MMP) violation in 2012.
7/10/2014	Administrative Civil Liability	Quincy Wastewater Treatment Plant and Collection System	ACL Order memorializing that the Discharger completed a Compliance Project in excess of the ACL penalty amount and in accordance with the Enforcement Policy. ACL Complaint had been issued for MMP violations.
7/11/2014	Administrative Civil Liability	Discovery Bay Wastewater Treatment Plant	ACL Complaint R5-2014-0542 issued in the amount of \$271,320 for the discharge of 534,181 gallons of partially treated wastewater to Old River. This Complaint alleges that the Discharger violated provisions of Waste Discharge Requirements (WDRs) Order R5-2008-0179-01 (NPDES CA 0078590).
7/14/2014	Administrative Civil Liability	Placer Cnty SMD No 1 Wastewater Treatment Plant	ACLO R5-2014-0544 is issued in the amount of \$9,000 for effluent limitation violations during the period of 1 June 2013 through 28 February 2014. Three of the non-serious violations are subject to mandatory penalties under Water Code section 13385(i)(1) because these violations were preceded by three or more similar violations within a six-month period. The Discharger shall pay \$4,500 and the remaining \$4,500 shall be suspended pending completion of the Supplemental Environmental Project (SEP) that the Discharger is currently required to complete under Order R5-2013-0575. This Order increases the total cost of the SEP by \$4,500 (from \$111,000 to \$115,500).
7/17/2014	Administrative Civil Liability	Sweeney Dairy	ACL R5-2014-0543 for Water Code sections 13323 and 13268 in \$18,564 for failure to submit the 2012 Annual Report with appurtenant components by the 1 July 2013 deadline.
7/23/2014	Time Schedule Order	Turlock Wastewater Treatment Plant	Time Schedule Order (TSO) R5-2014-0901 issued pursuant to California Water Code (CWC) Sections 13300 and 13267, the Discharger must comply with the prescribed time schedule to ensure compliance with the final effluent limitations at Discharge Point 001 for copper, selenium, carbon tetrachloride, and nitrate, and the final effluent limitations at Discharge Point 002 for copper, selenium, and silver all contained in Order R5-2010-0002.
8/4/2014	Administrative Civil Liability	Biggs Wastewater Treatment Plant	ACL Order for MMP violations consisting of ammonia exceedances from January 2009 through September 2012. The Discharger satisfied the penalty prescribed in the ACL with a Compliance Project.

Action Date	Action	Facility Name	Summary of Violations
8/7/2014	Administrative Civil Liability	Reeve Road Heifer Ranch	Settlement Agreement/Stipulation for Entry of ACL Order issued for: failure to submit proof of legal disposal of animal carcasses; failure to timely submit a groundwater remediation plan; and failure to comply with Directive 4 of the Cleanup and Abatement Order (CAO) to dispose of comingled manure and animal remains. Discharger shall pay \$15,000.
8/8/2014	Administrative Civil Liability	Payless Gas & Food Mart	Adoption of ACL Order R5-2015-0093 for failure to comply with a Section 13267 Order.
8/8/2014	Cease and Desist Order	Dixon Wastewater Treatment Facility (WWTF)	Adoption of Cease and Desist Order (CDO) R5-2014-0099 as a companion order to the revised WDRs to set a compliance schedule for completion of the new WWTF to minimize evapoconcentration during treatment and effluent disposal.
8/8/2014	Time Schedule Order	The Wine Group Franzia Winery-Sanger	Adoption of TSO R5-2014-0095 to address effluent violations.

## SANITARY SEWER OVERFLOWS / COMPLAINTS

### a) **SANITARY SEWER OVERFLOWS IN EXCESS OF 50,000-GALLONS**

There were no SSO events resulting in spills in excess of 50,000-gallons in July 2014. All of the spills occurring during the July 2014 reporting period are included as **Attachment A**.

### b) **REPORTING FORMAT CHANGE**

Starting with this reporting period, the sanitary sewer overflow (SSO) section will only include spill data from months that are at least two months in advance of the date of the current Board Meeting. This data lag period is necessary to provide the appropriate reporting period to dischargers. For Category 3 spills, dischargers may submit their certified report within up to 30 calendar days of the month in which the SSO occurred. Therefore, for a Category 3 spill occurring on August 1<sup>st</sup>, the certified report would not be due until September 30<sup>th</sup>. Refer to the State Water Board's Order No. WQ 2013-0058-EXEC for all of the reporting deadlines:

[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2013/wqo2013\\_0058exec.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2013/wqo2013_0058exec.pdf).

### c) **SANITARY SEWER OVERFLOWS**

SSOs continue to be an area of concern and focus of attention for Central Valley Water Board staff. In July 2014 reporting period, there were **6** Category 1, **8** Category 2, and **150** Category 3 spills reported. As of 9 September 2013, the State Water Board's Order No. WQ 2013-0058-EXEC amended the Monitoring and Reporting Program for the Statewide Waste Discharge Requirements for Sanitary Sewer Systems such that:

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

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

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

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

### d) **ADDITIONAL INFORMATION**

Reports on sewage spills are available on a real-time basis to the public from the State Water Board's webpage at: [http://www.waterboards.ca.gov/water\\_issues/programs/ssso/index.shtml](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*). Additional information about Water Boards' SSO Reduction Program can be found at: [http://www.waterboards.ca.gov/water\\_issues/programs/ssso/docs/compliance\\_report2011.pdf](http://www.waterboards.ca.gov/water_issues/programs/ssso/docs/compliance_report2011.pdf).

## COMPLAINTS

1 Regional Board staff is responsible for responding to complaints related to water quality within the Central Valley Region as they are received by the online Cal/EPA Environmental Complaint Form ([http://www.dtsc.ca.gov/database/CalEPA\\_Complaint/](http://www.dtsc.ca.gov/database/CalEPA_Complaint/)). From 17 June through 29 August 2014 the Central Valley Regional Water Board received **32** complaints related to water quality from Cal/EPA. Of those 32, **20** have been closed or referred to the appropriate agency (e.g., County Environmental Health agencies). Investigations for the remaining **12** complaints remain ongoing. For the fiscal year 2013-2104, **all 110 (100%)** of the complaints received from the Cal/EPA Complaints System have been investigated and either closed or referred to an outside agency.

### 2. Storm Water

On 26 September, a fish kill in the French Camp Outlet Canal, located in the City of Manteca (City), was reported to the Central Valley Water Board. There are an unknown number of dead fish. The French Camp Outlet Canal is a receiving water for the City's municipal separate storm sewer system (MS4). Central Valley Water Board MS4 staff requested the City to investigate on 26 September. The City submitted a report on 1 October indicating that a municipal source could not be identified. The City has informed the board that it will follow up on receiving water monitoring results, once laboratory analysis is complete.

On 28 September, a fish kill in Marsh Creek, located between the Cities of Brentwood and Oakley, was reported to the Central Valley Water Board. There are approximately 100 dead fish. Marsh Creek is the receiving water for the Cities of Brentwood and Oakley's municipal separate storm sewer system (MS4). California Department of Fish and Wildlife (CDFW) conducted the investigation at Marsh Creek, and collected fish tissue and water samples. CDFW will be working with Contra Costa Health Services to determine the cause. Central Valley Water Board staff will be included in the distribution of any lab data or reporting associated with this incident.

On 30 September, a fish kill at Yosemite Lake and Smith Canal at American Legion Park, located in the City of Stockton (City), was reported to the Central Valley Water Board. There are approximately 100-200 dead fish. Yosemite Lake is located at the west terminus of Smith Canal, and is the receiving water for the City's municipal separate storm sewer system (MS4). Central Valley Water Board MS4 staff requested the City to investigate on 30 September. The City has commenced sampling, and will provide a report of results on 3 October.

## DELTA ACTIVITIES

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

The State Water Resources Control Board and U.S. EPA funded a study titled "Testing the Toxicity Toolbox: A Thorough Assessment of Water Quality in the Sacramento River at Hood, CA". This study was completed in July 2014 and preliminary results from the study were presented in a poster at the Interagency Ecological Program's (IEP) February 2014 Annual Workshop. The purpose of the study was to test the application of ex-situ monitoring tools to capture toxicant effects in real-time chronic exposures in comparison to standard toxicity testing, for the assessment of toxicant presence and effects. A multidisciplinary team of experts designed the study using the "Best Available Technologies" to evaluate a key integrator site (Sacramento River at Hood, CA) with as many analytical endpoints as possible in hopes that direct comparison on the utility of these different types of analyses could be established. The study found that molecular analyses in combination with ex-situ exposures were the most sensitive combinations, and that hormone responsive genes were heavily affected suggesting exposure to compounds with hormone-like activity. Given the frequency of detections of pharmaceuticals in the study (most frequently antibiotics and lipid-control medications), the researchers recommend future monitoring plans should include this analysis to support the molecular findings.

### 2. **Delta Methylmercury Control Studies**

The Delta methylmercury TMDL requires studies of loads and management practices to control discharges of methylmercury. Studies are in progress for methylmercury from sources including municipal wastewater, urban and industrial storm water, managed seasonal wetlands, and restored tidal wetlands. Staff at the Department of Water Resources is leading a state and federal agency effort to develop models for methylmercury production, fate, and transport in the Delta and Yolo Bypass. The managed seasonal wetland study is funded through the 319(h) program.

Staff is directly involved in two methylmercury control study efforts. With colleagues from USEPA Region 9, staff is monitoring mercury and methylmercury in agricultural source and tailwater. In addition, the Central Valley Water Board is funding and working with the CDFW Moss Landing Marine Lab to examine the effects of invasive aquatic vegetation presence and removal on methylmercury in Delta channels.

### 3. **Delta Mercury Exposure Reduction Program (MERP)**

The Delta Mercury Exposure Reduction Program is an outreach effort to reduce fish consumers' intake of mercury and other contaminants in fish. Outreach is planned to occur while the Delta methylmercury TMDL is being implemented. Staff has been working with the Department of Public Health and Delta Conservancy to develop materials. The MERP's first meetings with community-based stakeholders and fish consumers are scheduled for mid-October in Stockton and Walnut Grove.

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

The technical work to refine assessment questions and design a coordinated monitoring program is well underway. Four separate subgroups (current use pesticides, pathogens, nutrients, and mercury) are developing detailed monitoring designs to answer the assessment questions. Monitoring designs for each of these constituents have been distributed to the Delta RMP Technical Advisory Committee (TAC) for review. The TAC will be reviewing and commenting on the designs and discussing them in detail at its next meeting, scheduled for 23 September. The goal of that meeting is to evaluate the individual designs, evaluate costs, eliminate redundancies, and then create a coordinated monitoring design to recommend to the Steering Committee in late October.

The Steering Committee met on 14 July and agreed to use a budget of \$1.5 Million for planning purposes for the first year of the program. Each of the represented sectors was tasked with working with their respective groups to determine how much funding is realistically available for the program. The Steering Committee will meet on 29 September to review realistic funding expectations, determine how to allocate the funding among the participants, and discuss expectations for adequate participation in the program.

### 5. **Bay Delta Conservation Program (BDCP)**

The draft Bay Delta Conservation Plan (BDCP) and associated Environmental Impact Report/Environmental Impact Statement (EIR/S) were available for public review and comment from December 13, 2013 through July

29, 2014. The draft Implementing Agreement (IA) was available for review and comment between May 30 and July 29, 2014. The public comment period for all three documents has now closed. Central Valley Water Board staff comments were submitted to and accepted by the State Water Board for inclusion in an overall comment package from the State Water Board.

The Department of Water Resources recently announced that they will publish partially recirculated draft BDCP, EIR/EIS, and IA documents in early 2015. The recirculated material will include portions of each document that warrant additional public review prior to publication and adoption of the final documents. Water Board staff will review and comment, if necessary, on the recirculated documents when available. More information is available at: <http://baydeltaconservationplan.com/PublicReview/PublicReviewDraftBDCP.aspx>.

#### 6. **Nutrient Strategy**

The Delta Stewardship Council recommended in their 2013 Delta Plan that the San Francisco and Central Valley Regional Water Quality Control Boards develop nutrient research plans to determine whether nutrient objectives were needed for the Delta. The 2014 Delta Strategic Plan laid out a plan, including key deliverables and a schedule, for developing the research plan. Stakeholder and Technical Advisory Group (STAG) meetings were held on 3 June and 9 September to inform the public and begin organizing the effort. The Sacramento Regional County Sanitation District has hired a facilitator for the STAG meetings. Staff is now forming Science Work Groups to help with the development of the Nutrient Research Plan. A Research Plan should be available for public review in the summer of 2015.

## **NPDES**

On 22 July 2014, under delegated authority by the Central Valley Water Board, the Executive Officer issued Time Schedule Order R5-2014-0901 for the City of Turlock (Discharger) Water Quality Control Facility (Facility). The Facility is designed to treat up to 20 MGD, but currently discharges approximately 10.3 MGD of tertiary treated wastewater to Harding Drain and the San Joaquin River. The time schedule order extends the time schedule for compliance with final effluent limitations for chlorodibromomethane and dichlorobromomethane (disinfection byproducts) from December 2014 to December 2019. The Discharger has made diligent efforts to comply with the final effluent limitations for disinfection byproducts and has requested additional time to evaluate the development and implementation of the North Valley Regional Recycled Water Project. Implementation of the recycled water project would result in the cessation, or reduction of discharge such that sufficient dilution would be available for compliance with the final effluent limitations.

## DAIRIES

Staff has processed annual reports for dairies that were due by 1 July 2014 for the calendar year 2013. To date, about 95% of the approximately 1,300 dairies covered under the Dairy General Order have submitted the required annual report. In August 2014, staff issued Notices of Violation (NOVs) to dairies that failed to submit the 2013 Annual Report and will pursue formal enforcement for those dairies that fail to come into compliance with the Dairy General Order.

On 27 August 2014, Pamela Creedon, Andrew Altevogt, Clay Rodgers, Doug Patteson, Dale Essary, and Charlene Herbst met with representatives of the Community Water Center and other environmental/environmental justice stakeholders to discuss potential risks to Disadvantaged Unincorporated Communities (DUCs) in the Tulare Lake Basin. Staff and interns working for the Community Water Center, with assistance from Central Valley Water Board staff, Dr. Thomas Harter of UC Davis, and others, compiled data from annual reports submitted by dairies regulated under the Waste Discharge Requirements General Order for Existing Milk Cow Dairies. At the meeting, Laurel Firestone and Pete DeMarco of the Community Water Center presented their summation of the data their findings and recommendations to protect drinking water supplies at DUCs. Central Valley Water Board staff is considering the issues raised at the meeting and will schedule an informational item for a future Board meeting.

## SITE CLEANUP

### 1. **Renn Transportation, Quincy, Plumas County**

On 20 December 2007 during a tanker truck overturn, Renn Transportation, Inc., Discharger, spilled about 1,500 gallons of trans-mix, 80% gasoline and 20% diesel fuel, into a drop inlet on the shoulder of State Highway 70. Emergency responders recovered between 270 and 480 gallons of petroleum from shallow soil excavations in a nearby ditch. The rest migrated under the highway, in shallow groundwater within alluvium, and into the deeper fractured bedrock aquifer. Dissolved gasoline aromatics and naphthalene impacted two private domestic wells, shallow and deep, at a local motel. On 2 June 2009, the Executive Officer issued the Discharger a Cleanup and Abatement Order. Further site investigation under the Order indicated that pumping of the deep, fractured bedrock domestic well would hydraulically control the extent of pollution. Therefore the Discharger incorporated the well into a proposal for a closed-loop, recirculating bio-stimulation system, with amendment injection near the spill site and extraction from the well. On 6 October 2009, the Executive Officer permitted the system under the In-Situ Remediation General Order. Groundwater monitoring, during active cleanup and after shut-down in 2011, showed that treatment was effective. Therefore, on 3 December 2013 permit coverage was terminated. Due to staff's potential concerns about a remaining vertical conduit, in a legal settlement the Discharger has destroyed the motel's deep well under Plumas County permit, and installed an appropriate replacement well. The shallow well now shows no petroleum constituents above water quality objectives for human toxicity. Remaining waste discharge poses limited threats to human health and the environment. (EJR)

## SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee policy discussions have moved to defining key terms to be used in the Salt and Nitrate Management Plan such as *Existing Water Quality (surface and groundwater)*, *Assimilative Capacity and Maximum Benefit to the People of the State*. In lieu of a July policy discussion the group was asked to review these key terms to avoid re-defining words or phrases that already have long standing definitions and also propose factors to be consider when evaluating in the future. For the August policy meeting a compilation of existing definitions and proposed strawman definitions were discussed. This discussion will continue into the September policy meeting. Technical projects are continuing on schedule, Phase II Conceptual Model workplan Task 3: , has been completed, and work continues on the Management Zone Archetype area. These and ongoing projects will be verifying early findings through case studies so that the initial draft Salt and Nitrate Management Plan can be prepared. A brief summary of all CV-SALTS technical projects can be found under the CV-SALTS website at: <http://www.cvsalinity.org/index.php/technical-projects-index.html>

The Lower San Joaquin River (LSJR) Committee is continuing to compile technical information that will support a Basin Plan Amendment for salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. The committee applied a set of policies for establishment of salinity water quality objectives to Hoffman modeling runs in order to identify a range of objectives for agricultural beneficial use. The policy decisions included identification of almonds as the most salt sensitive crop of those comprising up to 95% of the commercial acreage irrigated with San Joaquin River water and protecting to 95% yield. Based on their decisions, the committee selected a salinity range between 1,000 and 1,600  $\mu\text{S}/\text{cm}$  for further evaluation. The alternative objectives are being compared to historic water quality including by season and water year type with a focused meeting to discuss implementation alternatives scheduled for October 2<sup>nd</sup>.

### 2. **CV-SALTS Meeting Participation**

On 11 July, Pam Buford and Jeanne Chilcott participated in the CV-SALTS Executive Committee Administrative Meeting which focused on discussion and approval of a draft Salt and Nitrate Management Plan Table of Contents as well as technical project updates.

On 14 August, Karl Longley, Clay Rodgers, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion of key terms to be defined in the Salt and Nitrate Management Plan and a brief discussion of the draft Grassland Bypass Project Waste Discharge Requirements.

On 26 August, Glenn Meeks and Jeanne Chilcott participated in the CV-SALTS Technical Advisory Committee Meeting. Discussion included review of the Draft Phase 2 SSALTS Report (evaluating control, containment and export alternatives). The report is scheduled to be submitted for approval during the 8 September Administrative meeting.

On 28 August, Jim Brownell participated in the LSJR Committee monthly meeting.

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

Monthly staff meetings with representatives of the USBR were held on 11 August and 8 September to discuss the status of work related to updating the current MAA. During both meetings USBR staff and members of the Westside San Joaquin River Watershed Coalition reported on the continued progress they have made on the Real-Time Salinity Management Program (RTMP) prediction model tool. The tool development is on track to roll out with the RTMP framework under development by USBR, the Westside Coalition, and other interested parties.

The Board is scheduled to consider for approval both the revised MAA and the RTMP framework during its 9/10 October 2014 meeting. Both draft documents were released for public review in June and both reference a USBR Annual Work Plan documenting salinity activities for the 2015 federal fiscal year.

Although the USBR submitted a preliminary draft Annual Work Plan in June for internal staff review, the USBR has not submitted a draft for public comment. Although the work plan is referenced in the draft revised MAA and in the RTMP framework document it has not yet been included with those documents. Therefore, the draft revised MAA to be presented to the Board is conditioned upon receipt of a work plan for public review by 31 October 2014 and receipt of a final work plan for Executive Officer approval by 31 December 2014.

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

The project evaluating appropriate application and level of protection of MUN in agriculturally dominated surface waters continues progress with staff working with the San Luis Canal Company (the case study for the San Joaquin River Basin) on developing a water body categorization report and maps for their district. The draft water quality report for the 18-month monitoring study conducted in the Sacramento Case Study Area has been release for public review and a draft technical memorandum is scheduled to for release in mid-September for a one time monitoring event (June 2014) in the Sacramento and San Joaquin River Basins for constituents with maximum contaminant levels (MCLs) identified in Title 22. .

The next stakeholder meeting has been scheduled at the Rancho Cordova office on 26 September, during which draft Basin Plan Amendment alternatives for designating appropriate MUN beneficial uses in receiving waters of four Publicly Owned Treatment Works in the Sacramento Valley and alternatives for a region-wide MUN evaluation process for agriculturally dominated water bodies will be discussed.

MUN Meeting Participation

On 25 September, Anne Littlejohn, Cindy Au Yeung and Jeanne Chilcott met with a representative from the San Joaquin Tributaries Authority to discuss and obtain feedback on potential options for evaluating the MUN beneficial use in constructed supply canals.

More information on the project can be found at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/mun\\_beneficial\\_use/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/index.shtml)

Sacramento Case Study Draft Water Quality report can be found at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/mun\\_beneficial\\_use/mun\\_wq\\_report/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/mun_wq_report/index.shtml)

## GROUND WATER STRATEGY

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

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

The Groundwater Quality Protection Strategy June 2013-2015 Workplan can be found at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/groundwater\\_quality/index.shtml](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 draft plan by May 2016. 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. Following executive management approval the white papers will be provided to staff as a reference tool for developing permits to be used as appropriate on a case by case basis. Due to the volunteer makeup of the GMAW drafting white papers on all of the issues identified within the workplan term has been challenging. Currently drafts are being developed for two white papers titled:

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

GMAW meeting information can be found at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/groundwater\\_quality/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.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. Executive Management has identified staff resources to implement this portion of the workplan. Staff have been assigned and a management expectations memo has been finalized to provide direction to staff. Newly assigned staff are educating themselves on their assigned IRWM groups and beginning to attend meetings. Staff participation in IRWM groups (or Regional Water Management Groups) is included under the Public Outreach section of this EO report.

Action 6.4.5 Well Design and Destruction (Abandonment) Program. Implementation of work on this action was temporarily delayed by high priority inspections but is now underway. Staff are currently working on task 2 compiling lists of entities to contact regarding their specific methods for overseeing well standards. The time schedule for implementation of this project began approximately four months later than originally projected; however, completion of project is still tentatively planned for May 2015.

Action 6.5.1(b) Develop General Order for Poultry, Cattle, or Other Confined Animal Facilities. The goal of this action is to protect groundwater from waste associated with the operation of confined animal facilities including poultry raising and egg laying facilities, bovine feedlots (heifer ranches, beef cattle yards, etc.), and other types of confined animal facilities not covered by the Dairy General Order. A General Order for Bovine feedlots is being drafted for management review and discussions are underway regarding how to incorporate the Irrigated Lands Regulatory Program requirements in the order (and into the confined animal facilities program in general). The General Order for Poultry facilities has been delayed because of high priority enforcement cases and inspections, but work on developing a draft Poultry General Order has begun.

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

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

Action 6.5.3 Reduce Site Cleanup backlog. The goal of this action is to reduce the number of inactive cases (i.e., the case backlog) in the Site Cleanup Program. Staff have been assigned and have started reviewing the site files to determine the nature of the inactive cases. Currently 134 sites are being further scrutinized. Between July and September 2014, an additional seven backlog sites have been categorized: three are potential candidates for closure, two are potentially suitable for closure pending verification samples, one is an information only case, and one site is potentially a cleanup site, subject to verification. Work will continue on the sites that need additional review.

Action 6.5.4(a) & 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. The State Water Board Onsite Wastewater Treatment System (OWTS) Policy can be found at: [http://www.waterboards.ca.gov/water\\_issues/programs/owts/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml). As required by the OWTS Policy the Central Valley Water Board adopted amendments for both Basin Plans at the May 2014 meeting. Next steps will be for State Water Board (scheduled for 9 September 2014), Office of Administrative Law, and US EPA to approve the basin plan amendments.

The OWTS Policy gives Local Agencies the option to develop and implement performance-based requirements for new and replacement OWTS in Local Agency Management Programs (LAMPs). In the Central Valley, most Local Agencies have committed to submit LAMPs; drafts are due to our agency by 13 May 2016, and will require Board approval by 13 May 2017. Central Valley Water Board staff expect to receive 30 draft LAMPs, from 29 counties and the Town of Paradise. To prepare for this workload, Central Valley Water Board staff is coordinating with State Board, the California Conference of Directors of Environmental Health (CCDEH), and California Onsite Wastewater Association (COWA). In 2013 and 2014, staff reviewed draft versions of the State Water Board's pending guidance document for implementation of the policy, met informally with several county environmental health directors, attended CCDEH meetings in Oroville, Redding, and Woodland, and attended COWA technical trainings in Alameda, Paradise, and Santa Rosa. Staff has recently drafted a preliminary completeness checklist for draft LAMPs, and is soliciting comments from CCDEH.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff is working closely with the State Water Board's WDR unit to develop general orders to assist in reducing WDR backlogs. The State Water Board unit work on a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd is for consideration by the State Water Board

at its 23 September meeting. Once adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. Staff is also working on renewal of the conditional waiver for small food processors and small wineries. The work on this waiver includes review of it to determine if it can be expanded to include coverage of more facilities without undue risk to water quality.

## IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

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

#### a) **Grasslands Bypass Project**

A workshop on the draft WDR and MRP was presented to the board on 8 August. Board members requested the Grassland Bypass Project and Grassland Drainage Area WDRs and MRPs be presented together before the board to determine how the requirements in the two Orders are related and would be integrated.

On 25 August a conference was arranged between representatives of the Grassland Area Farmers and the U.S. Bureau of Reclamation to discuss the board's request and the additional information needed for the two Orders. Another conference call is scheduled 15 September to discuss further coordination and scheduling.

#### b) **Sacramento River Watershed WDR**

On 4 June, the Executive Officer issued a Conditional Notice of Applicability and conditional approval of the Northern California Water Association (NCWA) to serve as the third-party group under Order R5-2014-0030. The conditional approval required submittal of an addendum containing additional documentation related to organizational governance and accountability to complete the NCWA's application. An addendum was submitted by NCWA on 27 June, which partially met the requested documentation. On 12 August, the Executive Officer issued a Request for Supplemental Information from NCWA, which is due by 12 September and must include 1) the methods by which summaries of fees and revenues are readily available to Members, and 2) copies of bylaws of the subsidiary organizations and copies of agreements between collaborating organizations.

By 16 July, one comment letter was received on the Sacramento Valley Water Quality Coalition's proposed Farm Evaluation template. Staff is preparing a final Farm Evaluation template, as well as a final Managed Wetlands Evaluation Template to be used by Members in the Coalition area. Templates will be issued by the Executive Officer.

#### c) **Western San Joaquin River Watershed WDRs**

On 29 July, the Executive Officer issued the final Managed Wetland Evaluation Template for Members who are wetlands managers in the Westside San Joaquin River Watershed Coalition (Coalition). Wetlands managers must use the template to report practices in managed wetlands in lieu of submitting the Farm Evaluation Template. The Coalition and wetlands managers coordinated with Staff to develop the template.

#### d) **Eastern San Joaquin River Watershed WDRs**

On 5 August, the State Water Board adopted Order WQ 2014-0135, which orders that the State Water Board will review Waste Discharge Requirements Order No. R5-2012-0116 on its own motion. This action allows the State Water Board more time to review the issues raised in the three petitions of the Eastern San Joaquin River Watershed WDRs.

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

The State Water Board's Agricultural Expert Panel will release their final report and recommendations shortly and present it to the State Water Board at the State Water Board's meeting on 23 September 2014. The final report will be available at: <http://www.itrc.org/swrcb/Presentations/downloads.htm#MeetingDocs> .

On 18 July, the Executive Officer provided testimony to the Expert Panel at a public meeting to receive comments on the Panel's draft report.

On 28 July, Clay Rodgers and Joe Karkoski attended a meeting of the Expert Panel Advisory Committee. The Advisory Committee developed several consensus recommendations related to the Expert Panel's draft report - [http://www.itrc.org/swrcb/Files/advisory\\_committee\\_consensus\\_comments\\_to\\_expert\\_panel.pdf](http://www.itrc.org/swrcb/Files/advisory_committee_consensus_comments_to_expert_panel.pdf) .

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

In July and August, ILRP staff inspected 120 parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. 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 Eastern San Joaquin River Watershed General Order.

4. **Compliance & Outreach – Water Code section 13260 Directives**

In August, ILRP staff mailed 67 Directives to landowners who staff has determined own irrigated agriculture. Landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections) are being mailed the directives that require the recipients to submit proof of coalition membership or a Notice of Intent to get regulatory coverage.

5. **Compliance & Outreach – Letters to San Joaquin County & Delta Growers**

In July and August, ILRP staff mailed 991 initial notice letters and 1,983 final notice letters to likely owners of irrigated lands in the San Joaquin County & Delta Coalition area. The letters advised owners of irrigated lands to join the Coalition before the 23 August “open enrollment” deadline. After this deadline, new Coalition members must submit a Notice of Intent and processing fee to the Central Valley Water Board in addition to applying to join the Coalition.

6. **Compliance & Outreach – Letter to Sacramento Valley Growers**

In July and August, ILRP staff mailed 5,747 notice letters to likely owners of irrigated lands in the Sacramento Valley Water Quality Coalition area. The letters advised owners of irrigated lands to join the Coalition before the 2 October “open enrollment” deadline. After this deadline, new Coalition members must submit a Notice of Intent and processing fee to the Central Valley Water Board in addition to applying to join the Coalition.

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

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

Since the last Executive Officer report, 801 outreach letters have been issued throughout the Tulare Lake Basin Area, bringing the total number of outreach letters issued in the basin to 28,176. The outreach letter efforts are now complete for the Tulare Lake Basin Area, and staff will be conducting compliance inspections for un-enrolled growers during the upcoming months.

8. **Compliance & Outreach - Enforcement**

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

This Stipulated Order was prepared in response to a memorandum that the Central Valley Water Board's Advisory Team issued to the Prosecution Team tentatively rejecting an earlier proposed settlement of the Complaint. The Prosecution Team revised the penalty methodology for the Stipulated Order in response to the Advisory Team's comments to better explain how the proposed settlement adequately addresses the Central Valley Water Board's regulatory interests.

The Assistant Executive Officer and Davis Trust have tentatively agreed to the terms of the Stipulated Order. However, the settlement agreement will not become final until after a 30-day public notice and comment period and adoption of the Stipulated Order by the Central Valley Water Board, or its delegee. The public comment period ends on 6 October 2014.

## 9. Coalition Groups

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

On 8 July, Staff met with the East San Joaquin Water Quality Coalition (Coalition) to discuss concerns identified by staff during review of the Coalition's Sediment Discharge and Erosion Assessment Report (SDEAR). As a result of the meeting, the Coalition submitted a revised approach for the SDEAR on 15 August. Following completion of staff's review, the Coalition will submit a revised SDEAR.

On 1 August, the Coalition submitted their surface water Monitoring Plan Update (MPU) for the 2015 water year. Per the WDR Order, the MPU provides a comprehensive monitoring schedule, including core sites, represented sites, parameters and frequency of monitoring. Staff review is currently underway.

On 8 August, the Executive Officer approved a 90-day extension for submittal of the East San Joaquin Water Quality Coalition's (Coalition) revised Groundwater Quality Assessment Report (GAR). The GAR determines high and low vulnerability areas, establishes priorities within high vulnerability areas, and provides a basis for further workplan and management plan requirements. The Coalition must submit the revised GAR by 10 November 2014.

On 3 September, the Coalition submitted a request for extension of the sixth priority Management Plan Performance Goals; specifically for Performance Measures 2.1 and 2.2, which involve obtaining management practice surveys from targeted growers. The request is currently under staff review.

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

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

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

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

On 1 August, the San Joaquin County and Delta Water Quality Coalition submitted its 2014 Monitoring Plan Update report in accordance with Attachment B of the Order. The plan is under staff review.

On 21 August, the Executive Officer approved the Coalition's final Farm Evaluation Template after receiving comments from the public. The template is used to comply with the requirements of the General Order. Coalition members must submit their farm evaluations to the Coalition by 15 June 2015.

On 22 August, based on the information provided in a June request letter, the Executive Officer approved the completion of certain management plans within the San Joaquin County and Delta Water Quality Coalition.

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

On 29 July, staff met with representatives of the Cawelo Water District Coalition to discuss the development of the Surface Water Monitoring Report and proposed monitoring locations. The Groundwater Assessment Report and designation of high vulnerability areas were also discussed.

On 6 August, Nick Smaira and Patrick Barnes traveled to western Fresno County to conduct a trial run of irrigated lands compliance inspections.

On 18 and 19 August, staff issued reviews of Groundwater Quality Assessment Report outlines for the Kern River Watershed Coalition Authority, Kaweah Basin Water Quality Association, Tule Basin Water Quality

Association, and Buena Vista Coalition. The deadlines for submittal of the final Groundwater Quality Assessment Reports for these coalitions are between 4 and 6 February 2015.

On 18 and 19 August, staff issued reviews of Surface Water Monitoring Report outlines for Cawelo Water District Coalition and Westside Water Quality Coalition. The deadlines for submittal of the final Surface Water Monitoring Plans are 23 October and 17 November, respectively.

On 22 August, the Executive Officer issued revised Notices of Applicability to the Cawelo Water District Coalition and the Kern River Watershed Coalition Authority to revise a shared boundary between the coalitions.

On 27 August, staff met with the representatives of the Kaweah Basin Water Quality Coalition and Fig Growers Laboratory to discuss quality control and data formatting issues.

On 3 September, staff met with representatives of the Buena Vista Coalition to discuss the development of the Groundwater Assessment Report and designation of high vulnerability areas.

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

On 7 August, staff issued the Westlands Water Quality Coalition a Notice of Violation for failure to submit the First Quarter 2014 Surface Water Monitoring Data Report. On 14 August, Westlands Water Quality Coalition resolved the violation by submitting the report.

On 18 August, staff issued a review of the Westlands Water Quality Coalition Groundwater Quality Assessment Report outline. The next step will be to prepare a Groundwater Quality Assessment Report based on the approved outline. The deadline for submittal of the final Groundwater Quality Assessment Report is 16 February 2015.

f) **Westside San Joaquin River Watershed Coalition**

On 5 August, staff completed review of the Westside San Joaquin River Coalition's 30 November semiannual monitoring report for compliance with Monitoring and Reporting Program Order R5-2008-0831.

g) **Groundwater Quality Assessment Reports**

On 23 July, Pamela Creedon, Clay Rodgers, Joe Karkoski, and Glenn Meeks met with representatives from a number of coalition groups to discuss the preparation of Groundwater Quality Assessment Reports. One of the points emphasized was the need to include consideration of disadvantaged communities in establishing priorities in high vulnerability areas.

## 10. Other Projects

a) **Data Management**

Data from 2009 through mid-2013 for all Coalitions are available to the public on CEDEN. The next transfer is planned for September 2014 and will add data through early 2014. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in September for the 2nd quarter are currently being processed and loaded into the California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC).

Staff is currently processing the Westside San Joaquin Watershed Coalition data. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by the Coalition since program inception. The current goal is to complete and load the Westside San Joaquin River Watershed Coalition data to CEDEN by end of September this year.

In August of 2013, CEDEN released the most updated and consolidated version of their electronic data templates. Over the course of late 2014 and into early 2015, the ILRP will be transitioning to the use of these new CEDEN templates for Excel based data submissions from Coalitions. This transition will assist all parties in better maintaining comparability and efficient use of resources. The next communication is

planned for late September and should provide an update on the status of the online tool, an updated webpage with links to the new templates and resources as well as provide a revised schedule for the transition.

b) **Managed Wetlands Workgroup**

During the WDR Order adoption hearings for the Long-term ILRP, the Board directed the Executive Officer and staff to address issues raised by wetlands managers. Following an initial meeting with the Executive Officer, a work group consisting of representatives from public and private managed wetlands formed to address concerns about the applicability of the ILRP framework for regulating discharges from managed wetlands. Following a meeting on 19 March, the workgroup developed a preliminary list of desirable outcomes for a managed wetlands regulatory framework. During a meeting held on 31 July, the Managed Wetlands Workgroup began discussing potential regulatory options. The key concerns expressed were the effects of regulatory program costs on the ability of wetlands managers to optimize wetland habitat and the lack of benefits to their programs under the current program. The next meeting of the Managed Wetlands Workgroup is scheduled for 16 September.

c) **Prop 84 Grant Funding**

To date, sixty-eight projects have been completed and invoiced. Nine projects are still open. The completion and invoicing of projects are required by December 2014.

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

d) **Rice Pesticides Program**

A meeting to discuss the 2014 season monitoring results for the Rice Pesticides Program has been scheduled for 13 October at the Rancho Cordova office.

e) **Pesticide Evaluation Advisory Workgroup**

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

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/irrigated\\_lands/new\\_waste\\_discharge\\_requirements/stakeholder\\_advisory\\_workgroup/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/new_waste_discharge_requirements/stakeholder_advisory_workgroup/index.shtml)

## GRANTS

1. **State Water Resources Control Board Drought Response Outreach Program for Schools (DROPS)**  
The State Water Board's DROPS grant program is focused on projects that address the drought by capturing , treating, infiltrating stormwater and provide multiple benefits including water quality improvement, water conservation, water supply augmentation, greenhouse gas reduction, energy savings, and an increased awareness of water resource sustainability. Eligible applicants are local educational agencies. The Division of Financial Assistance recently adopted Program Guidelines and the grant solicitation for DROPS opened 8 September 2014 with applications due 15 January 2015. More information on eligible applicants, projects, and funding amounts is available on the State Water Board website at:  
[http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/drops/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/drops/index.shtml)
2. **State Water Resources Control Board CAA Interim Emergency Drinking Water – Funding Still Available.** In March 2014, Governor Brown approved a \$687.4-million emergency drought relief package to take effect immediately. As a result of the Governor's action, the State Water Board approved \$4 million in funding from the Cleanup and Abatement Account (CAA) to provide interim replacement drinking water for economically disadvantaged communities with contaminated water supplies. Eligible entities include Public Agencies, Not-for-Profit Water Districts, Not-for-Program Organizations, and Tribal Governments. For further funding information on eligibility requirements and how to apply, please visit  
[http://www.waterboards.ca.gov/water\\_issues/programs/grants\\_loans/caa/dw\\_droughtfund/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/index.shtml)

## GENERAL

### 1. **Mercury Offset Policy (See Policies and Permits Table)**

State Board staff reported that after consulting national guidance on off-sets and trading, it was discovered that EPA guidance on the use of offsets and trading for bio-accumulative pollutants is limited to pilot studies or limited geographic scope. A statewide policy would not comport with national guidance and at this time State Board does not have available staff resources to determine how to proceed with a policy that would be acceptable to EPA given other competing State Board priorities.

### 2. **Malakoff Diggins State Historic Park, Nevada County**

Jeff Huggins and Marty Hartzell with the Title 27 Permitting and Mining Unit attended a 27 August 2014 meeting in Grass Valley with the California State Parks and The Sierra Fund (TSF) to discuss ongoing efforts to address surface water discharges from the Malakoff Diggins State Historic Park in Nevada County. California State Parks and TSF provided an update of their work plan to address mercury and turbidity in surface water that discharges to Humbug Creek and the South Fork Yuba River. The meeting and update built on two similar meetings held in June and August of 2013. Meeting participants also included the California Department of Conservation, the United States Geological Survey, Sonoma State University, and TSF consultants Holdrege & Kull.

### 3. **401 Certifications**

Central Valley Water Board staff, Marisa Van Dyke, has been working with a 401 Certification Template Team led by the State Water Board to develop a 401 Certification template tool to be used by the 401 Certification Program statewide (effort initiated in August 2013). This effort is in response to State Auditor Report 2012-120, where the Water Boards are required to take action to ensure consistency in the 401 Certification process. Development of the 401 Certification template tool will: (1) improve CIWQS data entry; (2) facilitate tracking of program performance measures; (3) improve efficiency during management review of 401 Certifications; and (4) increase consistency in 401 Certifications issued. The Team is collaborating with the Department of Information Technology to implement the template tool.

### 4. **Cyanobacteria Blooms in Clear Lake**

Water samples collected from Clear Lake by the Environmental Protection Agencies of the Big Valley Rancheria and the Elem Indian Colony indicated elevated levels of microcystins (toxins) in the cyanobacteria blooms that occurred over the Labor Day weekend. Microcystins can be harmful to pets and wildlife and if ingested in large doses, potentially humans. In response, Lake County, the Tribes and local utilities in coordination with Environmental Health and Public Health, have posted "Health Advisories" at public parks and beaches around the lake, sent informational postcards to area residents, local lodging facilities and businesses, and increased monitoring of raw and treated water supplies. High levels continued to be detected in some areas of the lake in mid-September, however raw water at intakes to drinking water treatment plants indicated levels below concern with no detection in the finished supply. A multi-agency task force convened on September 18<sup>th</sup> at the request of environmental staff from Elem Indian Colony and Big Valley Rancheria, and included staff from the Water Boards, Lake County Department of Water Resources, Public Health, USEPA and California Department of Fish and Wildlife. The task force will collaborate on testing, information sharing and public health actions in event of high concentrations of microcystins. In addition to participating on the local task force, Central Valley Water Board staff is coordinating with State Water Board staff on the potential re-establishment of the Water Board Blue-Green Algae Workgroup to address the statewide issue of increasing cyanobacteria blooms.

## PUBLIC OUTREACH

On 23 June, Anthony Medrano attended the Stakeholder Oversight Advisory Committee meeting to review and discuss the draft final report for Tulare Lake Basin Disadvantaged Community Water Study and evaluate previous updated recommendations.

On 1 July, Anthony Medrano participated in the monthly meeting of the Kern Environmental Enforcement Meeting to review and provide updates regarding environmental complaints lodged by various disadvantaged community groups and members.

On 8 July Tessa Fojut and Daniel McClure met with representatives from the California Department of Pesticide Regulation and the California Stormwater Quality Association regarding registration of the pesticide cyantraniliprole for urban uses.

On 16 July Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted the Aerojet's discharges from its treatment systems under an NPDES permit, the differences between Regional Board and EPA cleanup criteria, implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site.

On 16 July, Guy Chetelat and Ben Letton met with Steve Tussing of Battle Creek Conservancy to discuss coordination between the Conservancy, SWAMP and Water Board staff regarding monitoring and updating the Battle Creek Assessment.

From 21-24 July, Dana Kulesza, Chris Jimmerson, Terry Bechtel, Eric Warren, and Patrick Barnes attended the California Specialty Crops Tour, which visited farms throughout Fresno, Kings, Tulare, Monterey, and Stanislaus counties. Topics included reduced-risk pest management, nutrient management techniques, the effects of drought conditions on water and soil quality, methyl bromide alternatives for fumigation, and herbicide alternatives for weed control.

On 22 July, Guy Chetelat attended the Butte County RCD meeting in Oroville and provided guidance on IRWM funding and project proposal development

On 22 July, Meghan Sullivan and Tessa Fojut participated in the Delta RMP Pesticide Subcommittee meeting.

On 24 July, Chris Foe participated in the Delta RMP Nutrient Subcommittee meeting.

On 29 July, Meghan Sullivan and Jay Simi participated in the Delta RMP Pathogens Subcommittee meeting.

On 30/31 July Tessa Fojut attended the Western Plant Health Association Regulatory Conference in Sacramento. Presentations were made on the registration process for pesticides in California.

On 4 August, Pamela Creedon and Joe Karkoski attended a meeting of various agricultural industry representatives, including agricultural coalitions, commodity groups, food processors, and the dairy industry. The group discussed general issues related to the irrigated lands program and other agricultural programs at the board.

On 6 and 7 August, Janis Cooke participated with the Department of Public Health in seven initial assessment meetings with community-based organizations in the Delta area to assess their community's needs and interests in the mercury exposure reduction program. These organizations represent Lao, Filipino, Latino, Vietnamese, Slavic, and other fish consumers.

On 11 August, Anthony Medrano attended the final Stakeholder Oversight Advisory Committee meeting of the Tulare Lake Basin Disadvantaged Community Water Study to review the tasks completed through the study, discuss outcomes, and assess the final study report and recommendations.

On 12 August, Chris Foe, Patrick Morris and Janis Cooke participated in the Delta Tributaries Mercury Council meeting in West Sacramento.

On 13 August, Chris Foe and Christine Joab held an organizational stakeholder advisory group meeting for the Delta Nutrient Research Study Plan project.

On 13 August, Tessa Fojut and Ken Landau met with representatives from the California Association of Sanitation Agencies and the Department of Pesticide Regulation to discuss pyrethroid pesticides in publicly owned treatment facility effluents.

On 14 August, Meghan Sullivan and Tessa Fojut participated in the Delta RMP Pesticide Subcommittee meeting.

On 18 August, Meghan Sullivan and Chris Foe participated in the Delta RMP Nutrient Subcommittee meeting.

On 18 August, Meghan Sullivan and Janis Cooke participated in the Delta RMP Methylmercury Subcommittee meeting.

On 21 August, Holly Grover participated in the Westside Sacramento IRWM Coordinating Committee Regular Business Meeting. This group submitted a proposal to DWR for the latest round of drought funding.

On 21 August, Holly Grover participated in the Westside Sacramento IRWM Mussel Task Force Meeting. Discussion topics included the development of a communication system between the Westside counties, developing a data clearinghouse and early detection system, and funding programs.

On 21 August, Ben Letton attended a Pit River Watershed Alliance (PRWA) meeting in McArthur, CA. The meeting was attended by representatives from agriculture, Resource Conservation Districts, USFWS, USFS, and Public Works Departments from several communities in the Pit River watershed. The majority of the discussion focused on the future of PRWA and its involvement with Integrated Regional Water Management (IRWM). The consensus was to continue the group, especially in light of new funding sources proposed in Proposition 1 (AB1471).

On 21 August, Guy Chetelat attended the North Sacramento Valley IRWM technical advisory committee meeting in Willows regarding proposed projects and increasing tribal and other stakeholder participation.

On 26 August, Meghan Sullivan and Jay Simi participated in the Delta RMP Pathogens Subcommittee meeting.

On 26 August, Nick Smaira, Dean Hubbard, and Sarah Rutherford attended a Nutrient Management conference in Exeter, CA. The conference was sponsored by the California Association of Pest Control Advisors and included discussions related salinity management under drought conditions, micronutrient management for San Joaquin Valley crops and soil conditions, and laboratory analyses to evaluate nutrient deficiencies and water quality issues.

On 27 August, Alisha Wenzel, Sue McConnell, Christine Joab, and James Brownell attended a meeting with EPA representatives and CURES for a demonstration of the San Joaquin River Water Quality portal.

On 27 August, the Interstate Technology and Regulatory Council's (ITRC) Contaminated Sediments Team published a web-based Technical and Regulatory Guidance document Remedy Selection for Contaminated Sediments. James D. Taylor, Central Valley Water Board Senior Engineering Geologist in the Site Cleanup Section is a member of the ITRC Contaminated Sediments Team and represented the California Water Boards in the development of the team's document. The objective of the document is to assist decision-makers in identifying which contaminated sediment remedial technology is most favorable for a site based upon and evaluation of site-specific physical, sediment, contaminant, and land and waterway use characteristics. The document provides a six-step remedy selection framework to help identify favorable technologies and remedial alternatives, and describes additional factors (feasibility, cost, stakeholder and local governments concerns, and others) that need to be considered as part of the alternative evaluation process. This new ITRC guidance document can be accessed at [www.itrcweb.org/contseds\\_remedys-selection/](http://www.itrcweb.org/contseds_remedys-selection/). (JDT)

On 27 August, Lonnie Wass observed abandoned underground tanks being removed in downtown Fresno. This is part of state-wide initiative by the U.S. EPA to identify and remove underground storage tanks. U.S. EPA used the occasion to highlight its program and invited local media to observe the tank removal. U.S. EPA plans to remove abandoned tanks at 38 sites in Fresno County.

On 29 August, Sue McConnell, Christine Joab, Jay Simi, and Rajmir Rai met with the Port of Stockton to discuss the Port's aeration facility.

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

On 6 September, Anthony Medrano attended the Central California Environmental Justice Network, "Roots of Resilience," conference. The conference consisted of various workshops some of which included "The Future of Fracking Activism," "Community Monitoring Networks," and "Community Resiliency in the Face of Drought."

On 8 September, Bryan Smith and George Low participated in a community meeting led by the City of Redding regarding the Wooded Acres North subdivision. The subdivision is not connected to the City's sewer system, and is served by an aging private collection system and community leachfield. The meeting was intended to help facilitate a long term solution to provide sewer service to the subdivision. A representative from the State Water Board's Division of Financial Assistance was also in attendance. An informal vote was taken and the homeowners supported the idea of continuing the discussions in future meetings.

**PERSONNEL AND ADMINISTRATION  
STAFFING UPDATE  
July 1, 2014 – August 31, 2014**

**Promotions:**

Adam Laputz – Career Executive Assignment  
Glenn Meeks – Senior Engineering Geologist  
Jeanne Chilcott – Environmental Program Manager 1  
Genevieve Sparks – Engineering Geologist

**Leave of Absence:**

Melissa Dekar – Environmental Scientist  
Jelena Hartman – Senior Environmental Scientist

**Retirement:**

Kathy Harder – Water Resource Control Engineer

**Authorized Positions: 232.7**

**Vacant Positions 25**

<b>Separations</b>	<b>New Hires</b>
Melissa Moris – Environmental Scientist Mark Cady – Environmental Scientist Meghan Sullivan – Environmental Scientist	David King – Staff Services Manager I Brett Braidman – Staff Services Manager I Laura McLellan – Environmental Scientist Matthew Harlow – Water Resource Control Engineer

**Temporary Help Positions**

<b>Separations</b>	<b>New Hires</b>
Jordan Maeding – Scientific Aid William Schmidt – Scientific Aid Jeff Troupe – Scientific Aid Julia Hooten – Scientific Aid Tiffany Hsieh – Scientific Aid Zachary Kavert – Engineering & Architechtural Student Assistant Graciela Balboa – Seasonal Clerk Aaron Van Slyke – Scientific Aid	Deandra Cass – Scientific Aid Sammantha Weider – Scientific Aid Ricardo Ramirez – Scientific Aid John Vang - Scientific Aid

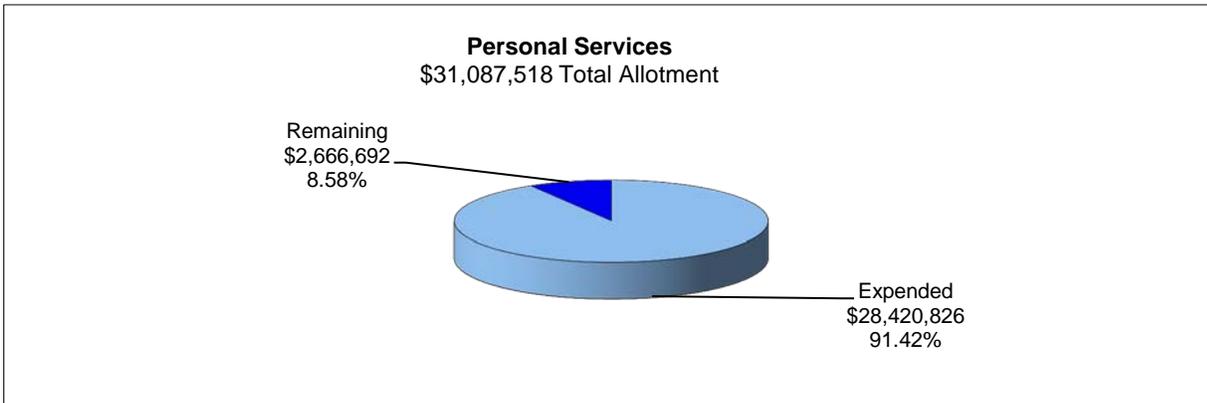
**TRAINING UPDATE**  
**July 1, 2014 – August 31, 2014**

<b>Class Title</b>	<b>Number of Attendees</b>
California Specialty Crops Council 2014 Tour/Training	3
Defensive Drivers Training	6
TMDL All Staff Training	2
PE Seismic & Surveying Exam Review Course & Books	2
State Supervisory Training Cert Program	1
Salinity Forum 2014	1
TMDL All Staff Training	25
Civil Surveying Review Workshop	1
Principles of Groundwater Flow and Transport Modeling	1
California Stormwater Quality Association Conference	3
CEQA Issues, Updates and Trends	2
Contracts Training	1
Habitat Conservation Planning	1
Fundamental Inspector Course	3
ATV Rider Course	1
ARCGIS 10: An Introduction to Environmental Applications	2
2014 Continuing Challenge Hazardous Materials Emergency	2
Particulate Matter Control Technology	1
Basic Supervision – Part 2	2
Economic and Environmental Impacts of Large Wildfires	1
Combined Aquatic Invert. Lab Procedures and Data Analysis	1
Financial Assurances	1
Agency RFP Training 2013 Road Rules Package	1
Groundwater Resources Association of California Workshop	1
Nutrient Management	2
Security Awareness Training 2014	4

**FISCAL UPDATE**  
**Expenditures through June 2014**  
(100% should have been expended to date)

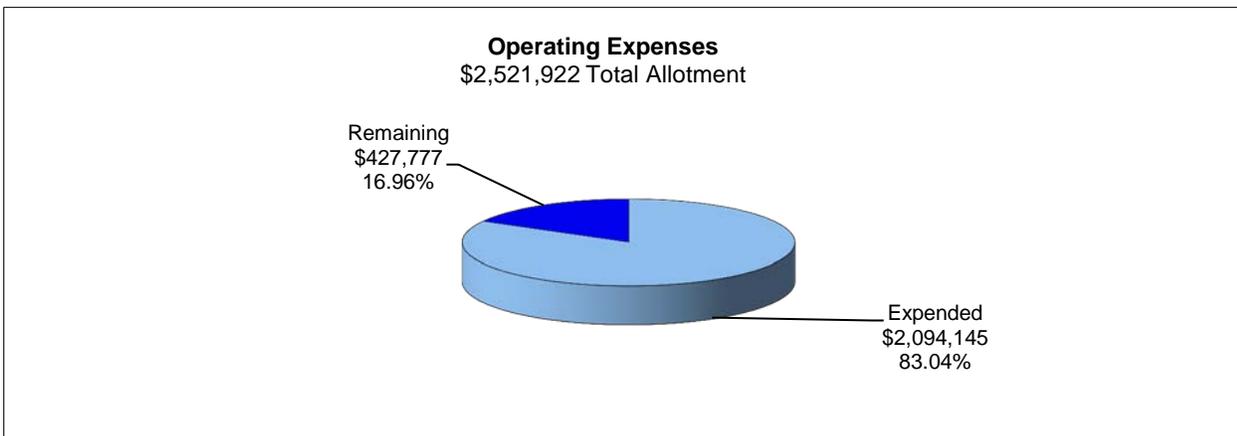
**Personal Services:**

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



**Operating Expenses:**

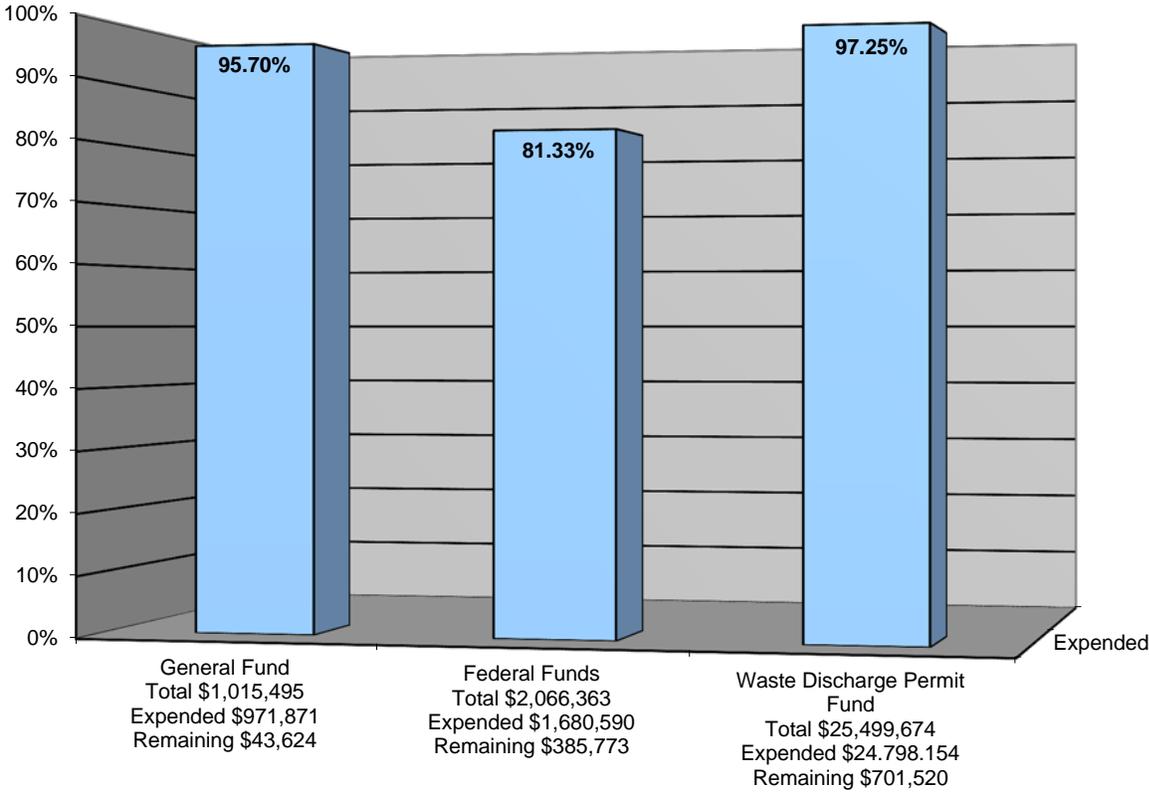
Our Operating Expense budget for the 2013/14 Fiscal Year (FY) was \$2,521,922. Most of the operating budgets and many of the operating expenditures for the Water Boards were consolidated by State Board in the 2013/14 FY. Identifying what acquisitions would be the responsibility of State Board versus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



**Key Fund Issues:**

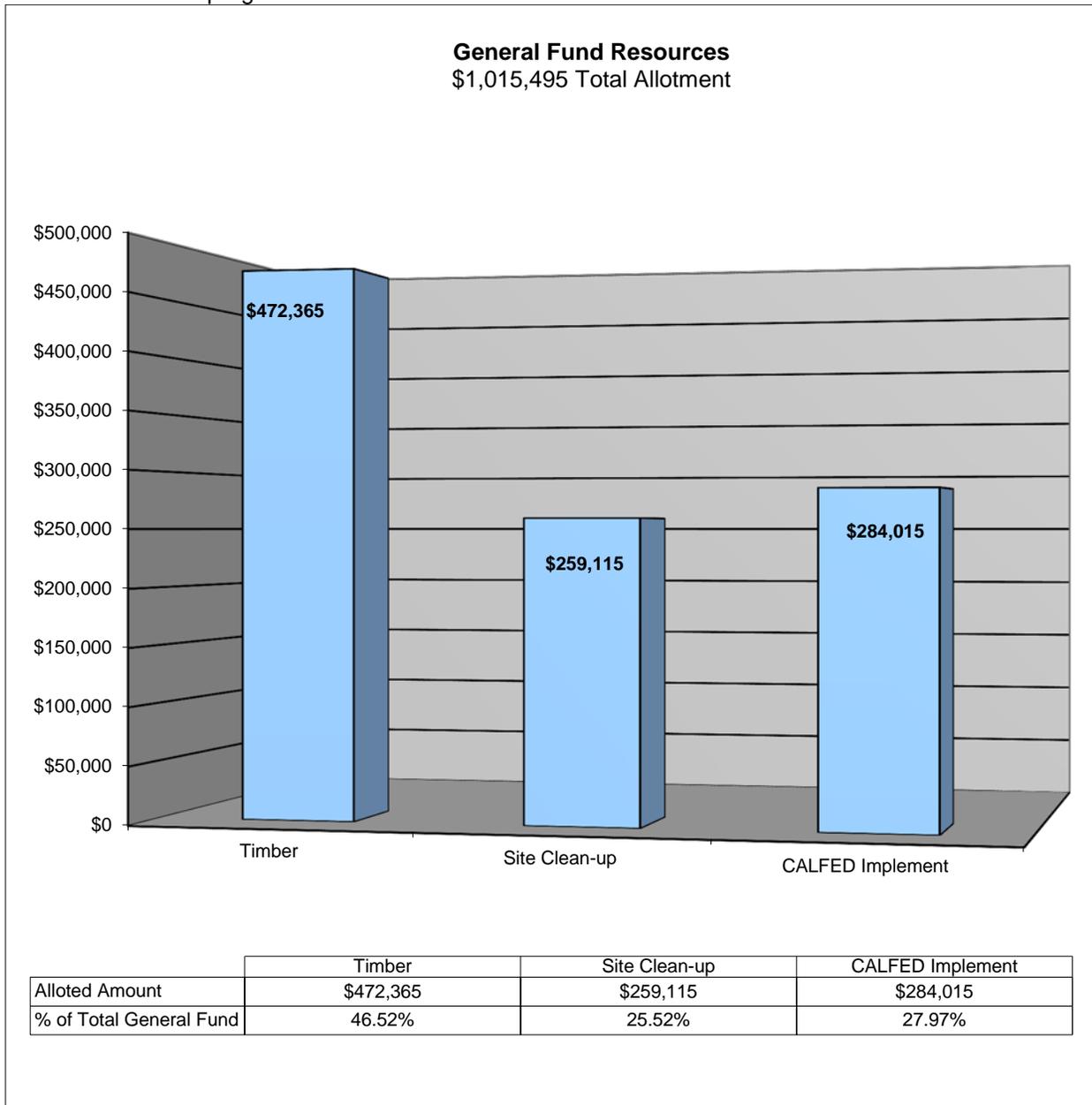
All key funds have been expended at a reasonable level.

### Key Funds



**General Fund Resources:**

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



**CONTRACTS**

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

**ABTS - Expenditure Summary by Line Item**  
 Organization: 150-Region 5, for the month ending: JUNE, 2013-14

Report Run Date: 7/29/2014 9:42:24 AM

150-Region 5	Positions	Allocation	Expenditures	Balance	% Expenditure
Permanent Positions	222.7	21,054,585	19,700,312	1,354,273	93.60
Temporary Help	0.0	936,600	590,555	346,045	63.10
Overtime	0.0	0	7,245	-7,245	-100
Board Stipend	0.0	8,413	10,200	-1,787	121.20
<b>Total Authorized Positions</b>	<b>222.7</b>	<b>21,999,598</b>	<b>20,308,312</b>	<b>1,691,286</b>	<b>92.31</b>
Staff Benefits	0.0	9,087,920	8,112,514	975,406	89.30
<b>TOTAL PERSONAL SERVICES (PS)</b>	<b>222.7</b>	<b>31,087,518</b>	<b>28,420,826</b>	<b>2,666,692</b>	<b>91.42</b>
<b>Operating Expenses</b>	<b>222.7</b>	<b>31,087,518</b>	<b>28,420,826</b>	<b>2,666,692</b>	<b>91.42</b>
General Expense	0.0	318,621	169,007	149,614	53
Printing	0.0	51,421	27,290	24,131	53.10
Communications	0.0	0	46	-46	-100
Contracts - Internal	0.0	0	232,286	-232,286	-100
Contracts - External	0.0	1,844,599	1,169,392	675,207	63.40
Equipment	0.0	60,000	84,440	-24,440	140.70
Other	0.0	247,281	411,684	-164,403	166.50
<b>TOTAL OPERATING EXPENSE &amp; EQUIPMENT (OEE)</b>	<b>0.0</b>	<b>2,521,922</b>	<b>2,094,145</b>	<b>427,777</b>	<b>83.04</b>
Indirect	0.0	10,045,520	9,098,366	947,154	90.60
<b>TOTAL STATE OPERATIONS</b>	<b>222.7</b>	<b>43,654,960</b>	<b>39,613,337</b>	<b>4,041,623</b>	<b>90.74</b>
<b>LOCAL ASSISTANCE</b>					
<b>TOTAL LOCAL ASSISTANCE</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>222.7</b>	<b>43,654,960</b>	<b>39,613,337</b>	<b>4,041,623</b>	<b>90.74</b>

**ABTS - Expenditure Summary by Fund**  
 Organization: 150-Region 5, for the month ending: JUNE, 2013-14

Report Run Date: 7/29/2014 9:41:50 AM

<b>150-Region 5</b>	<b>Positions</b>	<b>Allocated</b>	<b>Expenditure</b>	<b>Balance</b>	<b>Expended</b>
0001-General Fund	9.6	2,108,524	1,815,654	292,870	86.10
0193-Waste Discharge Permit Fund	132.2	25,499,674	24,798,154	701,520	97.20
0235-Public Resources Account, Tobacco Tax	0.0	0	0	0	0
0387-Integrated Waste Management Account(AB 1220)	5.4	1,245,048	1,114,318	130,730	89.50
0439-Underground Storage Tank Cleanup Fund	12.6	3,219,451	3,162,503	56,948	98.20
0617-State Water Pollution Control Revolving Fund	0.1	11,494	11,868	-374	103.30
0679-State Water Quality Control Fund	18.4	6,329,856	4,601,443	1,728,413	72.70
0890-F(106) - NPDES	2.2	638,883	638,278	605	99.90
0890-F(LL300) - Lawrence Livermore	1.0	197,340	121,553	75,787	61.60
0890-F(DOD-CR) - DOD Cost Recovery	0.0	0	0	0	0
0890-F(LUST) - Leaking Underground Storage Tanks	1.6	427,397	250,186	177,211	58.50
0890-F(319h) - Non-Point Source	4.1	802,743	670,573	132,170	83.50
0995-R(Aerojet) - Oversight of Cleanup	0.8	207,940	225,879	-17,939	108.60
0995-R(BASIN-DW) - Basin Plan Admts DW	0.4	81,566	61,528	20,038	75.40
0995-R(CALFED) Cooperative Program	0.1	500,524	85,010	415,514	17
0995-R(SLCDOD)- DOD Cleanup Oversight	6.0	1,388,129	1,279,656	108,473	92.20
0995-R(BROWNFIELDS) - DTSC Brownfield Coordination	0.0	10,987	0	10,987	0
0995-R(DEPT WR) - Dept of Water Resources	0.0	300	469	-169	156.30
0995-DOT Reimbursement Contract	0.0	0	0	0	0
3212-Timber Regulation and Forest Restoration Fund	6.7	985,105	776,264	208,841	78.80
IDCD-Indirect Cost-Distributed/OE	0.0	0	1	-1	-100
IDCS-Indirect Cost/Salaries/Program Management	21.5	-1	0	-1	0
<b>Grand Total</b>	<b>222.7</b>	<b>43,654,960</b>	<b>39,613,337</b>	<b>4,041,623</b>	<b>90.74</b>

## **FUTURE BOARD ACTIVITIES**

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

### **DECEMBER 2014 BOARD MEETING**

#### **NPDES PROGRAM-PERMITTING**

- Malaga CWD Permit Renewal
- Concentrated Aquatic Animal Production General NPDES Permit Renewal
- UC Davis Main Wastewater Treatment Plant Permit Renewal
- United Auburn Indian Community Time Schedule Order
- General Electric Permit Renewal, Merced County
- Sierra Pine Ltd. – Alpine Division Permit Amendment
- 16 to 1 Mine Permit Issuance
- City of Davis Time Schedule Order

#### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND**

- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- City of Lathrop, Lathrop Consolidated WWTF (Revised WDRs)
- City of Ione (Revised CDO and Amended WDRs)
- Root Creek Water District, Riverstone WWTF (Formerly Gateway Village) (Revised WDRs)
- City of Huron Wastewater Treatment Facility (Revised WDRs)
- City of Livingston Wastewater Treatment Facility (Revised WDRs)
- Pacific Coast Producers Inc. (Revised WDRs)
- City of Fresno and Consolidated Land Company and Consolidated Industries, Inc., North Fresno Wastewater Reclamation Facility (Revised WDRs)

#### **LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27**

- Dellar Landfill (New WDRs)
- Foothill Landfill (Revised WDRs)

#### **IRRIGATED LANDS REGULATORY PROGRAM**

- Grasslands Bypass Project (Revised WDRs for discharges to surface water)

#### **CONFINED ANIMAL PROGRAM**

- Luis Oliviera Dairy (ACLO for failure to file 2012 Annual Report)

### **FEBRUARY 2015 BOARD MEETING**

#### **NPDES PROGRAM-PERMITTING**

- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Manteca WQCF Permit Renewal
- Placerville, Hangtown Creek Cease and Desist Order
- Bear Valley CSD WWTF Renewal
- Crystal Creek Aggregate Inc. Permit Rescission
- Dicalite Minerals Corp. Permit Rescission
- SPI-Burney Permit Renewal
- Tehama County Sanitation District, Mineral WWTP Permit Renewal

## **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND**

- Paramount Farms, Kings Facility (Revised WDRs)
- Keenan Farms Pistachio Plant (Revised WDRs)
- Exeter Dehydrator (Revised WDRs)
- Monarch Nut Company (Revised WDRs)
- E&J Gallo Winery, Fresno (Revised WDRs)
- Valley Rock Products (New WDRs)
- Shasta Renewable Energy (New WDRs)
- Crystal Creek Aggregate (New WDRs)
- Small Food Processors and Wineries (Waiver Renewal)
- UC Davis Center for Aquatic Biology (New WDRs)
- Delhi WWTF (Revised WDRs)

## **Storm Water Program – Permitting**

- Sacramento Hydromodification Management Plan Approval

## **LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27**

- Altamont Landfill (Revised WDRs)

## **MARCH 2015 BOARD MEETING**

### **NPDES PROGRAM-PERMITTING**

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

## **PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING**

### **NPDES PROGRAM – PERMITTING**

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

## **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND**

- The Wine Group McFarland Winery (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- City of Farmersville WWTF (Revised WDRs)
- City of Richgrve WWTF (Revised WDRs)
- City of Kerman WWTF (Revised WDRs)
- Giumarra Winery (Revised WDRs)
- Kern Ridge Growers, Di Giorgio Facility (New WDRs)
- Ventura Coastal, Tipton Plant (Revised WDRs)
- Harris Ranch Kingsburg Plant (Revised WDRs)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)
- Granite Construction Oroville Facility (New WDRs)
- Bully Hill Rising Star Mines (New WDRs)
- Spanish Mine (New WDRs)
- Sutter Home Winery (Revised WDRs)
- Sacramento Rendering Co. (Revised WDRs)

- Bear Creek Winery (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Shasta Wine Village (New WDRs)

#### **IRRIGATED LANDS REGULATORY PROGRAM**

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

#### **CONFINED ANIMAL PROGRAM**

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

#### **Storm Water Program - Permitting**

- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Phase I Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Stockton/San Joaquin County Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Modesto Municipal Separate Storm Sewer System Permit (Permit Renewal)
- Central Valley Region-wide MS4 Permit

**SIGNIFICANT POLICIES, PLANS AND PERMITS UNDER DEVELOPMENT OF PENDING DEVELOPMENT**

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Bacteria Standards for Ocean and Inland Surface Waters	2014-09-24 The State Water Board is developing proposed statewide bacteria water quality objectives and a control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives would be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. Focused stakeholder meetings were held from April through July 2014. Staff is compiling the comments from these meetings. A meeting with subject matter experts was held in September. Public release of draft documents is targeted for spring 2015.	Statewide	SB
A-15	Listing Policy Update (Sediment Quality Objectives)	2014-08-06 A suite of amendments to the Listing Policy is currently under review. The amendments that define the scope and submittal requirements of all readily available information, add language referencing the Water Quality Control Plan for Enclosed Bays and Estuaries - Part 1 Sediment Quality objectives in section 6.1.3, clarify that the state 303(d) List is not required to include assessments from all regions during every listing cycle, and clarify the Regional Water Board and State Water Board 303(d) list approval procedures. These amendments will be presented to the State Water Board for approval in October.	Statewide	SB
A-15	Composting Operations Statewide General Order	2014-09-22 Staff completed the Draft Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with CalRecycle and Air Resources Board. Staff expect to have the draft EIR and proposed Order available for public release in Fall 2014.	Statewide	SB
*A-15	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II*	2014-08-06 Development of human health objectives is in progress. Staff, the SQO Advisory Committee, and Agency Coordinating Committee have met quarterly to create a process for implementing the tiered assessment framework developed by Southern California Coastal Water Research Project (SCCWRP). Staff is also meeting monthly with the Los Angeles Regional Water Quality Control Board, the Ports of Los Angeles and Long Beach, and SCCWRP (known as the Harbor Technical Work Group [HTWG]) to collaborate on studies that will assist in the development, testing, and implementation of Phase II SQO's. The HTWG will refine plans in support of the ports' TMDL activities. Staff established a sediment quality workgroup to coordinate contracts and projects, and address technical issues within coastal regions. The advisory committee met on August 6, 2014 and the Harbor Technical work group met on August 7, 2014. Staff anticipates release of the draft SQO amendments and substitute environmental document in July 2016.	Statewide	SB

A-15	Basin Plan Amendment – Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs	2014-09-19 Case study conducted in coordination with CV-SALTS for two phase evaluation of appropriate beneficial uses and level of protection in Ag dominated waterbodies. Phase I to focus on MUN with consideration of basin plan amendment anticipated in December 2014. CEQA Scoping completed Oct/Nov 2012. Phase II to focus on other beneficial uses with timeline dependent on results from Phase I. Goal to adopt appropriate beneficial uses and water quality objectives in 27-individual ag dominated water bodies as well as a process for determining appropriate uses and objectives region-wide.	Statewide	R5
A-15	Cadmium Objective and Hardness Implementation Policy	2014-09-11 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 are trying to discern U.S. EPA's publication timeline and determine the stringency of the new criteria as they are developed	Statewide	SB
A-15	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2014-09-18 WDRs are being updated to reflect a Basin Plan amendment and the Use Agreement between the US Bureau of Reclamation and the San Luis and Delta-Mendota Water Authority for Phase III of the project. Board consideration scheduled for 2015.	Statewide	R5
A15	Timber Activities on National Forest System Lands	2014-08-06 State Water Board staff has been actively engaging Regional Water Board staff and the U.S. Forest Service in the development of alternatives to a Statewide Conditional Waiver that was proposed in 2011 but was not adopted by the State Water Board. One effort moving forward is the Grazing Regulatory Action Project, which includes consideration of grazing activities on U.S. Forest Service land. Additionally, a spatial analysis of U.S. Forest Service non-point source generating activities and infrastructure is underway. The spatial analysis is a coordinated effort with the Grazing Regulatory Action Project and will inform State Water Board and Regional Water Board staff of the highest priority activities and infrastructure for which the most appropriate regulatory measure could be applied.	Statewide	SB
A-15	General Order for Poultry Facilities	2014-09-25 General Order for poultry raising and egg laying facilities. May include tiered requirements depending on types of waste management practices used at facility. (Staff contact, Doug Patteson)	Regional	R5
A-15	Central Valley Pyrethroids Basin Plan Amenemdment	2014-09-11 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Fall 2014, Board Hearing in June 2015.(Staff contact, Tessa Fojut)	Statewide	R5

A-15	Establish New Water Quality Objectives for Salinity and Boron in the Lower San Joaquin River - Amendment to the Sacramento River and San Joaquin River Basin Plan.	2014-09-19 Regional Board completed CEQA Scoping meeting in March 2009. Development of proposed water quality objectives being conducted the stakeholder driven, CV-SALTS Lower San Joaquin River sub-committee. The Amendment is tentatively scheduled for consideration by the Regional Board in December 2015. Status report provided to Regional Board on 28 March 2014. (Staff contact, Jeanne Chilcott)	Regional	R5
A-15	Template for individual WDRs for new and expanding dairies	2014-09-25 Draft template is being drafted and will be ready for management review by 10/31/2014	Statewide	R5
A-15	Central Valley Diuron Basin Plan Amendment	2014-08-27 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Spring 2015, Board Hearing by December 2015. (Staff contact, Danny McClure)	Regional	R5
A-15	Region-wide General Order for MS4s	2014-09-18 Stakeholder Working Group meetings ongoing, latest 20 August 2014. (Staff contact, Bryan Smith)	Regional	R5
A-14	Central Valley Diazinon and Chlorpyrifos Basin Plan Amendment	2014-08-27 Amendment addressing chlorpyrifos and diazinon in hundreds of valley floor rivers, streams and creeks adopted by Regional Board on 28 March 2014. Requires SB, OAL and USEPA approval before becoming effective. (Staff Contact, Danny McClure)	Regional	R5
A-14	Implement Lower San Joaquin River Salt/Boron TMDL	2014-09-19 TMDL requires USBR and agricultural dischargers to operate under WDRs with monthly salt load allocations OR the development of MAA with USBR to mitigate salt loading to river and operation under a Central Valley Water Board approved real-time salinity management program (RTMP) for agricultural dischargers. Salt load allocations have been incorporated into appropriate Ag Coalition WDRs with option to participate in Board approved RTMP. Revised MAA with USBR and Framework for a salinity RTMP for the Lower San Joaquin River scheduled to be considered by the Central Valley Water Board in December 2014. (Staff contact, James Brownell)	Regional	R5
A-14	Draft WQCP update for San Joaquin River flows and southern Delta salinity objectives	2014-09-24 Draft Substitute Environmental (SED) released on December 31, 2012 for public comment. Hearing to receive comments on the SED was held on March 20-21, 2013, and comments were received by March 29, 2013. Revised Draft SED to be recirculated for public comment late summer 2014. Draft plan amendment to be brought to the Board for consideration in spring of 2015.	Statewide	SB
A-14	Policies for Variances and Exceptions	2014-07-08 Adopted by Central Valley Water Board on 6 June 2014. Requires State Water Board, Office of Administrative Law and US EPA approval before becoming effective. (Staff contact, Betty Yee)	Regional	R5

A-14	Renewal of Timber Harvest Waiver	2014-09-19 Public Comment period ends October 10, 2014. Currently scheduled for consideration at the December 2014 board meeting. (Staff Contact, Angela Wilson)	Regional	R5
A-14	Wetland Area Protection and Dredge and Fill Permitting Policy – Phase I	2014-08-06 Selected stakeholder meetings were held in April 2013 to receive comments on specific issues related to the Preliminary Draft Wetland Policy posted online January 28, 2013. Separate meetings were held with representatives of the business, utilities, environmental advocacy and Central Valley Joint Ventures stakeholder groups. State Water Board staff will consider these comments in preparing the draft Wetland Policy, which is scheduled for public release by fall 2014.	Statewide	SB
A-14	Timber Activities on National Forest System Lands	2014-08-06 State Water Board staff has been actively engaging Regional Water Board staff and the U.S. Forest Service in the development of alternatives to a Statewide Conditional Waiver that was proposed in 2011 but was not adopted by the State Water Board. One effort moving forward is the Grazing Regulatory Action Project, which includes consideration of grazing activities on U.S. Forest Service land. Additionally, a spatial analysis of U.S. Forest Service non-point source generating activities and infrastructure is underway. The spatial analysis is a coordinated effort with the Grazing Regulatory Action Project and will inform State Water Board and Regional Water Board staff of the highest priority activities and infrastructure for which the most appropriate regulatory measure could be applied.	Statewide	SB
*A-14	Ocean Plan Amendment: desalination and brine provisions	2014-07-23 State Water Boards staff is preparing amendments to the Ocean Plan to address impacts from marine life from desalination facilities and brine discharges. The proposed amendment has the following components: (1) procedures for Regional Water Boards to evaluate the best site, design, technology, and mitigation measures to minimize adverse impacts to aquatic life at new or expanding desalination facilities; (2) industry specific receiving water limits for salinity; (3) alternative implementation procedures for discharges of waste brine; and (4) monitoring and reporting requirements. Staff released a Draft Staff report including the Substitute Environmental Documentation for public comment on July 3, 2014. A Board workshop is scheduled on August 6, 2014 and a Public Hearing on August 19, 2014.	Statewide	SB
A-14	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2014-09-24 The draft toxicity amendments, revised staff report, and response to public comments received in summer 2012 are currently undergoing internal review. Another comment period will begin once these documents are released in Winter 2014. An adoption meeting is anticipated for early 2015.	Statewide	SB
A-14	Trash WQC Plan Amendments	2014-09-30 Statewide water quality control plans are to be amended to address trash in water ways. In April and May 2013, staff held fourteen stakeholder outreach meetings. The objective of these meetings was to provide an overview and to receive feedback on the key issues before the public release of the draft plan amendments. The draft plan document and staff report, was released for public comment on June 10 2014. A board workshop took place on July 16, 2014, and the Public Hearing was held on August 5, 2014. The Comment Deadline was August 5, 2014 by 12 noon. Staff received more than 600 comments. Currently, we are in the response of comment process. We expect to complete the response to comments by the end of fall 2014.	Statewide	SB
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2014-08-27 Regional Board completed CEQA Scoping meeting in July 2009. A summary report on OC pesticides is scheduled to be completed by October 2014.	Regional	R5

A-14	Statewide NPDES Permit for Discharges from Drinking Water Systems	<p><b>2014-10-01</b> The proposed permit package includes a draft resolution and draft statewide NPDES permit. The draft resolution proposes that the State Water Board grant water purveyors, statewide, an exception to regulatory requirements that conflict with mandated activities required by the Safe Drinking Water Act and the California Health and Safety Code. The draft statewide permit will regulate discharges of water from well development and maintenance, water transmission, treatment and distribution facilities, and unexpected discharges due to pipe breaks and emergencies. The State Water Board held a public hearing on August 5, 2014. Additionally, State Water Board staff continued conducting one-on-one outreach and stakeholder meetings throughout the State. As of August 19, 2014 (the public comment due date), the State Water Board received 56 letter providing public comment on the June 6 and July 3, 2014 draft permit package documents. The State Water Board will consider the public comments during its subsequent consideration of adoption of the final draft permit documents. To appropriately consider all public comments, the previously scheduled September 23, 2014 State Water Board consideration of adoption of the resolution and draft permit has been changed to the October 21, 2014 Board meeting. The final draft resolution and statewide permit were provided to the public on October 1, 2014.</p>	Statewide	SB
A-14	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	<p>2014-08-06 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated to preclude the use of prohibitions of waste discharge for addressing NPS discharges for those land uses (e.g.; irrigated lands) already covered under other regulatory mechanisms (e.g.; waivers of waste discharge requirements) for which discharger enrollment fees are being assessed. Staff anticipates releasing a Draft of the NPS Policy amendments in late Fall 2014.</p>	Statewide	SB
A-14	Trash WQC Plan Amendments	<p><b>2014-08-06</b> Statewide water quality control plans are to be amended to address trash in water ways. In April and May 2013, staff held fourteen stakeholder outreach meetings. The objective of these meetings was to provide an overview and to receive feedback on the key issues before the public release of the draft plan amendments. The draft plan document and staff report, was released for public comment on June 10 2014. A board workshop took place on July 16, 2014, and the Public Hearing was held on August 5, 2014. The Comment Deadline was August 5, 2014 by 12 noon. Staff is gathering all the public comments and start the response of comments process</p>	Statewide	SB
*A	Antidegradation Policy	<p><b>2014-09-25</b> The State Water Board is considering preparation of an Implementation Plan Appendix to the existing Antidegradation Policy, or an additional policy, to address application of the Antidegradation Policy to groundwater. The State Water Board has identified this project as a priority for 2014. Focused stakeholder meetings were held in October and November 2013. The work team, composed of members from the State Water Board and Regional Water Boards, convened in Sacramento on April 21 and June 27, and in Riverside on August 15, 2014, to consider stakeholder comments, review staff discussion papers, and work on the framework for the Implementation Plan or policy. The project web page went live in September, 2014, and contains summaries of purpose, background, and process; an estimated time line; and links to associated documents. A white paper is expected to be completed for internal review and discussion in October 2014. An additional work team meeting, State Water Board executive management and Board briefings, and additional focused stakeholder group meetings are expected to take place in fall/winter 2014.</p>	Statewide	SB

*A	Onsite Wastewater Treatment Systems Policy Implementation	2014-09-30 The Final Draft of the Local Agency Management Plan (LAMP) Guidance document is currently being reviewed by DWQ Management. The document is scheduled to be finalized in October 2014. As of Sep 30, 2014, updates on Regional Boards' Basin Plan Amendments to incorporate the OWTS Policy are as following: 1) Regions 3, 5, 6, 7, and 8 Basin Plan Amendments have been approved by the State Water Board; 2) Regions 1, 2, 4 are scheduled to bring their Basin Plan Amendments for State Water Board approval by the end of 2014; 3) Basin Plan Amendment for Region 9 is planned for December 2014.	Statewide	SB
*A	Water Effects Ratios	2014-08-06 Pending completion of other priority projects	Statewide	SB
A	Development of the Delta Regional Monitoring Program	2014-08-26 Delta RMP steering committee formed and governance structure adopted. Technical Advisory Committee co-chairs have been selected. Program funding and initial priorities are being developed. Technical subgroups are developing monitoring designs for nutrients, mercury, pesticides, and pathogens. (Staff contact, Patrick Morris)	Regional	R5
A	Groundwater Quality Protection Strategy	2014-09-19 At the Central Valley Water Board's September 2010 meeting Resolution #2010-0095 was adopted which approved the Groundwater Quality Protection Strategy for the Central Valley Region, A Roadmap. Progress reports on the Workplans for the highest priority actions were provided in June 2012 and December 2013. At the December 2013 meeting a workplan for June 2013 - June 2015 was approved that included the unfinished high and medium priority actions. Prior to an update of the "Roadmap" staff are coordinating with State Water Board on the statewide Groundwater Workplan. A status report on the implementation of the current workplan is included in the Executive Officers Report for the October 2014 Central Valley Water Board meeting. (Staff Contact person, Pam Buford)	Regional	R5
A	Chlorine Residual Objectives and Implementation	2014-08-06 The scientific peer review is complete. The report and policy will be revised as necessary to address peer review comments. This project is pending management prioritization.	Statewide	SB
A	Grazing	2014-10-01 The Water Boards formed a work team to develop this project (titled Statewide Grazing Regulatory Action Project or Grazing RAP). The work team generally meets monthly. The work team has developed a stakeholder outreach strategy, issue paper and a fact sheet. Some outreach to stakeholders such as the USFS, BLM, NRCS, CalFire and the CCA has begun. The work team has completed the State Water Board member briefings in advance of Focused Stakeholder Listening (FSL) sessions. The FSL sessions are scheduled to begin November. Website: <a href="http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml">http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml</a>	Statewide	R6

A	Mercury TMDL (Reservoirs)	2014-09-25 Staff from Regions 2 and 5 is developing a TMDL and implementation plan to address fish mercury impairments in 74 reservoirs around the state. In March 2012, staff held CEQA Scoping meetings in Sacramento, Oakland, Riverside and Redding. Currently staff is working on the scientific and technical analysis (source analysis, linkage, targets, implementation plan considerations) and developing options for allocations. Staff is developing a framework document to outline the elements that could be in a statewide plan to reduce fish mercury levels in the reservoirs. Focused stakeholder group meetings are being held in summer 2014. In addition, staff has met with the reservoir operators on March 17 and May 16, with plans to meet with them again on September 30 and October 9/10. The purpose of the reservoir meetings is to develop ideas for water chemistry and fisheries management studies.	Statewide	SB
A	Federal Land Management Agency Sites Memorandum of Understanding	2014-09-23 Negotiating a MOU between USFS, BLM, DTSC, DFG, DOC, SWRCB, Regional Boards, that will establish principles for the parties to work cooperatively within the State to identify, prioritize, investigate and cleanup inactive and abandoned mine lands. Recently renewed	Regional	R5
A	Implement Mercury TMDL/Control Program in Cache Creek Watershed - Sacramento River and San Joaquin River Basin Plan	2014-09-25 Mining waste at six mercury mines in the upper Cache Creek watershed was tentatively scheduled to be consolidated and covered in 2014 to prevent continued erosion of mercury sediment into Sulphur Creek, a tributary to Cache Creek. Permitting delays associated with review and approval of the project by the US Army Corps of Engineers will likely delay implementation of the planned cleanup until 2015. The six mercury mines included in this cleanup include the Central, Cherry Hill, Empire, Manzanita, West End, and Wide Awake.	Regional	R5
A	Methylmercury Objectives	2014-09-24 Staff is preparing draft regulatory language and a draft staff report and coordinating with the staff developing the statewide mercury TMDL for reservoirs. Focus group meetings began in June 2014 and will continue through October 2014, to collect feedback from tribes and other stakeholder groups on the project framework. In October 2014 staff plan to meet with regional board representatives and to conduct additional outreach to tribes. The draft staff report and the draft regulatory language are expected to be sent to the peer review in September 2015.	Statewide	SB
A	Natural Sources	2014-04-04 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	Nutrient Numeric Endpoints Tools	2014-09-24 Staff is working with technical advisory groups to produce an implementation strategy document. U.S. EPA has contracted to have nutrient numeric endpoint protocol updated with results of case studies and lessons learned. This year, staff will organize a stakeholder advisory group, a science advisory group, and will expand a regulatory advisory group for nutrients in perennial wadeable streams	Statewide	SB
A	Utility Vaults Permit	2014-09-04 Staff is proposing that the State Water Board reissue the Utility Vaults Permit currently under Order 2006-0008-DWQ, which has expired. Staff issued a draft permit on July 2, 2014 for public comment and received six comment letters. Staff has made changes to the draft permit in response to comments. Staff anticipates taking the draft permit with changes to the State Water Board for consideration at its meeting on October 21, 2014.	Statewide	SB

A	Storm Water Strategic Initiative	2014-09-24 Over the last few months the Water Boards have been engaging with stakeholders statewide through a collaborative process to identify and discuss storm water program issues and potential approaches to address them. The product of this collaboration will be a prioritized list of potential Water Board actions that identifies ways to expand the breadth of the storm water program to better integrate watershed management, multiple-benefit solutions, source control and improvement in regulatory program efficiency and effectiveness. It will focus on three main elements: (1) utilization of storm water as a resource (2) removal of storm water pollutants by true source control and (3) improvement of overall Water Board program efficiency and effectiveness.	Statewide	SB
A	Statewide Storm Water Construction General Permit Reissuance	2014-10-01 State Water Board staff is in the initial stages of preparing a draft permit for the reissuance of the existing Construction General [Storm Water] Permit, also referred to as the CGP. Regional Water Board staff and stakeholder input is being gathered which includes suggested changes to the existing permit. A project schedule and proposed adoption date has not yet been determined.	Statewide	SB
A	Onsite Wastewater Treatment Systems Policy Implementation	2014-06-25 The Final Draft of the Local Agency Management Plan (LAMP) Guidance document is currently being reviewed by DWQ Management. Final Draft of the LAMP Guidance will be forwarded to the Deputy Management Committee in June 2014 for its review and input. As of 13 May 2014, Regions 3, 4, 5, 6, 7, and 8 have amended their Basin Plans to incorporate the OWTS Policy. Basin Plan amendment for Regions 1 and 2 are scheduled for June 2014. Region 9 Basin Plan amendment is planned for September 2014.	Statewide	SB
A	Federal Land Management Agency Sites Memorandum of Understanding	2014-09-23 Negotiating a MOU between USFS, BLM, DTSC, DFG, DOC, SWRCB, Regional Boards, that will establish principles for the parties to work cooperatively within the State to identify, prioritize, investigate and cleanup inactive and abandoned mine lands. Recently renewed	Statewide	R5
A	CV-SALTS – Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley – Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	2014-09-19 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 consideration by Board in 2014. Final SNMP in 2016. (staff contact, Jeanne Chilcott)	Statewide	R5
A	General Order for Bovine Feedlots	2014-05-21 General Order to regulate bovine feedlots (other than dairies - e.g., heifer facilities, calf raising facilities, beef cattle facilities). (Staff contact, Doug Patteson)	Statewide	R5

P	General NPDES Permit for Potable Water System Discharges	2014-05-23 Admin draft developed with interested stakeholders and discussions with CDPH, R2, R4 and State Board. Admin draft released 14 March 2014 - comments requested by 15 April. Outreach workshop scheduled on 29 April. Regional effort ceased since State Board effort is proceeding	Regional	R5
P	Modify the Beneficial Uses for Freshwater Aquatic Habitat and Remove Spawning for West Squaw Creek - Amendment to the Sacramento River and San Joaquin River Basin Plan	2014-08-27 Use Attainability Analysis was conducted to demonstrate the current beneficial uses assigned to West Squaw Creek, a stream heavily impacted by acid mine drainage, are not achievable. Specifically, the stream cannot support fish and other pH or metal sensitive aquatic species and spawning of selected fish species defined in the Basin Plan. A Staff Report including the proposed amendments and CEQA functional equivalent document was presented to the Regional Board on 9 July 2004. The Regional Board adopted Resolution R5-2004-0090 which included the UAA, Staff Report, Functional Equivalent Document and proposed amendments. BPA rejected by State Board. Staff gathering additional information to respond to State Board and USEPA comments. Expected completion date 2015	Statewide	SB
P	Off-Highway Vehicle (OHV) waste discharge requirements (WDR) / waiver	2014-05-30 Staff plans to develop concepts for Waste Discharge Requirements (WDR) or waiver of WDR for OHVs at State Parks.	Statewide	SB
P	New winery waste guidelines	2014-09-26 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	Blue Green Algae Action Levels	2014-04-29 The State Water Board has provided funding to OEHHA to develop action Levels for Blue Green Algae toxins (Cyanotoxins) in water and fish. OEHHA completed a draft report, which was then submitted to peer review. The Peer Review was complete in 2011 and the Final Report was completed in May 2012. A possible next step is to adopt statewide objectives for cyanotoxins, pending management prioritization.	Statewide	SB
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2014-09-26 Industry recommendations have been reviewed by CV-SALTS Management Practices Subcommittee. Currently the CV-SALTS Management Practices Subcommittee is on hold while salinity management alternatives are being evaluated.	Regional	R5
P	Sand/gravel wash water to land GENERAL ORDER or waiver	2013-04-26 Earmarked by the new WDR II unit at the State Water Board for consideration of a state-wide GO	Regional	R5
P	Suction Dredge General Permit	2014-08-06 Suspended indefinitely now that the suction dredging moratorium has been extended indefinitely. Senate Bill 1018 (ch. 39, stats. 2012) removed the previous date on which the existing suction dredging moratorium had been scheduled to end. Suction dredging, including the method known as "booming", continues to be prohibited within 100 yards of any California river, stream or lake (Fish & G. Code, § 5653 subd. (d).).	Statewide	SB

P	Timber Activities on Non-federal Lands	2014-08-06 On September 10, 2012, the Governor signed into law AB 1492. The legislation calls for increased coordination and reporting by all Timber Harvest Review Team Agencies. An evaluation of internal programmatic business needs, in conjunction with external agency coordination to meet the new reporting requirements, is underway. New or revised memoranda between agencies may need to be considered pending outcomes of a review of current Water Board policies.	Statewide	SB
P	Biological Integrity Plan Development	2014-09-26 In May, staff met with the stakeholder subcommittee and regulatory advisory group to review draft plan language and the workplan for completing the plan and staff report. In September, the project was moved to new staff due to transfer of key personnel. New staff is reviewing the project and will provide updated adoption date estimates when available.	Statewide	SB
P	Mercury Offset Policy	2014-08-06 Suspended indefinitely. This project is being considered as part of the methylmercury objectives	Statewide	SB
P	New Winery Waste Guidelines	2014-09-26 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

**LEGEND**

White = Active effort (A)

Green = Targeted for completion in 2014 (A-14)

Orange = Targeted for completion in 2015 (A-15)

Gray = Suspended or No statewide effort at this time or Pending (P)

Note: \* indicates Board Priority

## ATTACHMENT A – Sanitary Sewer Spills – Summary Report

Count of Spills	5F				5R				5S				
	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													
July 2014*	0	4	8	12	1	0	2	3	5	4	140	149	164

\* Going forward, each EO Report will only include SSO event data that is at least two months older than the current Board Meeting date to allow for reporting lag of Category 3 spills (up to 60 days).

Spill Cause	Count of Spills	%
Root intrusion	98	60%
Debris-General	21	13%
Grease Deposition	13	8%
Pipe Structural Problem/Failure	9	5%
Operator error	8	5%
Other	3	2%
Debris from Lateral	3	2%
Pump Station Failure-Mechanical	2	1%
Debris-Rags	2	1%
Vandalism	2	1%
Pump Station Failure-Power	1	1%
Pipe Structural Problem/Failure - Installation	1	1%
Pump Station Failure-Controls	1	1%
<b>Grand Total</b>	<b>164</b>	<b>100%</b>

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

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

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

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

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

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	808303	Certified	Category 3	116336	Sacramento	No	12	0	7/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808302	Certified	Category 3	116322	Sacramento	No	2	0	7/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808304	Certified	Category 3	116362	Sacramento	No	2	0	7/1/2014	Root intrusion
5F	Clover Creek CS	807466	Certified	Category 2	Lodgepole Housing Filter Backwash	Tulare	No	1,250	0	7/2/2014	Other (specify below)
5S	Folsom State Prison CS	807463	Certified	Category 3	Folsom Womans Facility	Sacramento	No	150	0	7/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	808305	Certified	Category 3	116428	Sacramento	No	48	0	7/2/2014	Root intrusion
5F	City Of Bakersfield CS	807487	Certified	Category 3	2500 Innisfree Ln	Kern	No	30	0	7/2/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	808521	Certified	Category 3	116460	Sacramento	No	12	0	7/2/2014	Operator error
5S	Sacramento Area Sewer District CS	808306	Certified	Category 3	116455	Sacramento	No	7	0	7/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	808307	Certified	Category 3	116517	Sacramento	No	5	0	7/2/2014	Grease deposition (FOG)
5S	Patterson CS	807492	Certified	Category 3	In close proximity to Henley Parkway & Mendocino Creek	Stanislaus	No	400	0	7/3/2014	Grease Deposition (FOG)
5F	Mariposa Co YOSEMITE WEST CS	807706	Certified	Category 3	7349 Yosemite Park Way	Mariposa	No	75	0	7/3/2014	Pipe Structural Problem/Failure
5F	City Of Bakersfield CS	807499	Certified	Category 3	920 T St, 93307	Kern	No	10	0	7/3/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	808308	Certified	Category 3	116584	Sacramento	No	10	0	7/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808309	Certified	Category 3	116638	Sacramento	No	2	0	7/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808310	Certified	Category 3	116640	Sacramento	No	1	0	7/3/2014	Root intrusion
5F	Tulare CS	808285	Certified	Category 2	1875 South West Street Tulare CA 93274	Tulare	No	3,000	0	7/4/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	808817	Certified	Category 3	116642	Sacramento	No	4	0	7/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808525	Certified	Category 3	116660	Sacramento	No	3	0	7/4/2014	Debris-General
5S	Sacramento Area Sewer District CS	808523	Certified	Category 3	116654	Sacramento	No	1	0	7/4/2014	Root intrusion
5F	SA-2 Bass Lake CS	807514	Certified	Category 3	Bass Lake wwtf between liftstation 14 and 13	Madera	No	200	0	7/5/2014	Root Intrusion
5S	City of Stockton MUD CS	807525	Certified	Category 3	420 E. Rose	San Joaquin	No	26	0	7/5/2014	Debris-General
5S	Dry Creek CS	807665	Certified	Category 3	1133 Smith ln	Placer	No	14	0	7/5/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	808522	Certified	Category 3	116646	Sacramento	No	3	0	7/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808524	Certified	Category 3	116655	Sacramento	No	2	0	7/5/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808660	Certified	Category 3	116662	Sacramento	No	2	0	7/5/2014	Root intrusion
5S	Dixon CS	807544	Certified	Category 3	7-11 at 1075 N 1st St, Dixon, CA 95620	Solano	No	360	0	7/6/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	808526	Certified	Category 3	116674	Sacramento	No	6	0	7/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808661	Certified	Category 3	116692	Sacramento	No	5	0	7/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808527	Certified	Category 3	116677	Sacramento	No	3	0	7/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808819	Certified	Category 3	116675	Sacramento	No	3	0	7/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808818	Certified	Category 3	116665	Sacramento	No	2	0	7/6/2014	Root intrusion
5S	Deer Creek CS	807723	Certified	Category 3	DC-2014-07-05	El Dorado	No	250	0	7/7/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	808529	Certified	Category 3	116824	Sacramento	No	60	0	7/7/2014	Debris-General
5S	Sacramento Area Sewer District CS	808528	Certified	Category 3	116820	Sacramento	No	13	0	7/7/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	808662	Certified	Category 3	116710	Sacramento	No	3	0	7/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808663	Certified	Category 3	116748	Sacramento	No	2	0	7/7/2014	Debris-General
5S	City of Stockton MUD CS	807574	Certified	Category 3	8713 Kelley Dr.	San Joaquin	No	197	0	7/8/2014	Debris-General
5S	Sacramento Area Sewer District CS	808821	Certified	Category 3	116962	Sacramento	No	21	0	7/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808666	Certified	Category 3	116966	Sacramento	No	6	0	7/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808822	Certified	Category 3	116969	Sacramento	No	4	0	7/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808664	Certified	Category 3	116920	Sacramento	No	3	0	7/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808665	Certified	Category 3	116934	Sacramento	No	2	0	7/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808820	Certified	Category 3	116872	Sacramento	No	1	0	7/8/2014	Operator error
5S	SMD No. 2 CS	807645	Certified	Category 1	Lou Place, Map Page B14-22	Placer	Yes	2,280	2,280	7/9/2014	Debris-Rags
5S	Hangtown Creek CS	807698	Certified	Category 1	3128 Cedar Ravien Rd. Placerville, CA	El Dorado	Yes	50	50	7/9/2014	Pipe Structural Problem/Failure
5F	Atwater CS	807582	Certified	Category 2	Bellevue Buhach	Merced	No	2,000	0	7/9/2014	Pump Station Failure-Power
5S	City of Stockton MUD CS	807580	Certified	Category 3	7315 Los Molinas Ln.	San Joaquin	No	64	0	7/9/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	808823	Certified	Category 3	117082	Sacramento	No	7	0	7/9/2014	Root intrusion

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
55	Sacramento Area Sewer District CS	808853	Certified	Category 3	117759	Sacramento	No	5	0	7/20/2014	Debris-General
55	Sacramento Area Sewer District CS	808857	Certified	Category 3	117838	Sacramento	No	2	0	7/20/2014	Root intrusion
55	Sacramento Area Sewer District CS	808855	Certified	Category 3	117809	Sacramento	No	1	0	7/20/2014	Root intrusion
55	Sacramento Area Sewer District CS	808856	Certified	Category 3	117826	Sacramento	No	140	0	7/21/2014	Root intrusion
5F	City Of Bakersfield CS	807855	Certified	Category 3	115 Obregon Ave	Kern	No	60	0	7/21/2014	Grease Deposition (FOG)
55	Sacramento Area Sewer District CS	808312	Certified	Category 3	118465	Sacramento	No	31	0	7/21/2014	Root intrusion
55	City Of Antioch CS	808463	Certified	Category 3	104 Hyde Place	Contra Costa	No	24	0	7/21/2014	Root Intrusion
5R	Redding City CS	808151	Certified	Category 3	Manhole L7-79, located in Orchard Estates Dr ROW	Shasta	No	10	0	7/21/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808854	Certified	Category 3	117769	Sacramento	No	2	0	7/21/2014	Root intrusion
55	City of Sacramento Combined CS	807852	Certified	Category 3	1056 CAVANAUGH WAY, SACRAMENTO, CA	Sacramento	No	73	0	7/22/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808863	Certified	Category 3	118027	Sacramento	No	12	0	7/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	808674	Certified	Category 3	117892	Sacramento	No	4	0	7/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	808859	Certified	Category 3	117864	Sacramento	No	4	0	7/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	808860	Certified	Category 3	117872	Sacramento	No	4	0	7/22/2014	Root intrusion
55	Sacramento Area Sewer District CS	808673	Certified	Category 3	117863	Sacramento	No	3	0	7/22/2014	Root intrusion
55	City of Stockton MUD CS	807851	Certified	Category 3	7226 Richland Wy	San Joaquin	No	3	0	7/22/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808858	Certified	Category 3	117840	Sacramento	No	2	0	7/22/2014	Operator error
55	Deer Creek CS	807957	Certified	Category 3	DC-2014-07-06	El Dorado	No	180	0	7/23/2014	Root Intrusion
5R	Shasta Lake CS	808276	Certified	Category 3	Manhole C5-AA 928 Mussel Shoals Ave	Shasta	No	25	0	7/23/2014	Root Intrusion
55	City of Stockton MUD CS	807859	Certified	Category 3	714 N. El dorado St.	San Joaquin	No	6	0	7/23/2014	Debris from Lateral
55	Sacramento Area Sewer District CS	808676	Certified	Category 3	117972	Sacramento	No	4	0	7/23/2014	Root intrusion
55	Sacramento Area Sewer District CS	808675	Certified	Category 3	117899	Sacramento	No	3	0	7/23/2014	Root intrusion
55	Sacramento Area Sewer District CS	808861	Certified	Category 3	117928	Sacramento	No	3	0	7/23/2014	Operator error
5R	Corning Indust./Domestic CS	807915	Certified	Category 1	Hwy 99W and Solano	Tehama	Yes	20	15	7/24/2014	Debris from Lateral
55	City of Stockton MUD CS	807960	Certified	Category 3	2645 Plantation Pl.	San Joaquin	No	75	0	7/24/2014	Debris-General
55	Sacramento Area Sewer District CS	808678	Certified	Category 3	117993	Sacramento	No	59	0	7/24/2014	Root intrusion
55	Sacramento Area Sewer District CS	808868	Certified	Category 3	118110	Sacramento	No	20	0	7/24/2014	Root intrusion
55	City of Stockton MUD CS	807944	Certified	Category 3	437 N. Oro Ave.	San Joaquin	No	9	0	7/24/2014	Debris-General
55	City of Stockton MUD CS	807948	Certified	Category 3	921 W. Vine St.	San Joaquin	No	6	0	7/24/2014	Debris-General
55	Sacramento Area Sewer District CS	808862	Certified	Category 3	118002	Sacramento	No	5	0	7/24/2014	Root intrusion
55	Sacramento Area Sewer District CS	808865	Certified	Category 3	118070	Sacramento	No	4	0	7/24/2014	Root intrusion
55	Sacramento Area Sewer District CS	808867	Certified	Category 3	118088	Sacramento	No	4	0	7/24/2014	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District CS	808532	Certified	Category 3	118283	Sacramento	No	2	0	7/24/2014	Root intrusion
55	Sacramento Area Sewer District CS	808864	Certified	Category 3	118052	Sacramento	No	1	0	7/24/2014	Operator error
55	Sacramento Area Sewer District CS	808866	Certified	Category 3	118085	Sacramento	No	15	0	7/25/2014	Root intrusion
55	Sacramento Area Sewer District CS	808869	Certified	Category 3	118117	Sacramento	No	5	0	7/25/2014	Root intrusion
55	Hangtown Creek CS	807992	Certified	Category 1	2731 Morreine Drive, Placerville CA	El Dorado	Yes	46	21	7/26/2014	Root Intrusion
55	Hangtown Creek CS	807988	Certified	Category 1	1119 Lucust Street, Placerville, CA	El Dorado	Yes	10	5	7/26/2014	Debris-General
55	City of Stockton MUD CS	807973	Certified	Category 3	638 N. Pilgrim St.	San Joaquin	No	24	0	7/26/2014	Root Intrusion
55	City of Stockton MUD CS	807982	Certified	Category 3	8517 Sol Ct.	San Joaquin	No	10	0	7/26/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808871	Certified	Category 3	118224	Sacramento	No	8	0	7/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	808870	Certified	Category 3	118211	Sacramento	No	6	0	7/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	808872	Certified	Category 3	118227	Sacramento	No	4	0	7/26/2014	Root intrusion
55	Sacramento Area Sewer District CS	808874	Certified	Category 3	118254	Sacramento	No	14	0	7/27/2014	Grease deposition (FOG)
55	Sacramento Area Sewer District CS	808530	Certified	Category 3	118232	Sacramento	No	9	0	7/27/2014	Root intrusion
55	Sacramento Area Sewer District CS	808873	Certified	Category 3	118231	Sacramento	No	7	0	7/27/2014	Root intrusion
55	Sacramento Area Sewer District CS	808531	Certified	Category 3	118281	Sacramento	No	3	0	7/27/2014	Root intrusion
55	City of Stockton MUD CS	807989	Certified	Category 3	522 Arc Ave.	San Joaquin	No	3	0	7/27/2014	Root Intrusion
55	Waterford CS	807954	Certified	Category 3	Tim Bell Rd	Stanislaus	No	20	0	7/28/2014	Grease Deposition (FOG)
55	City of Stockton MUD CS	807965	Certified	Category 3	55 E. Castle St	San Joaquin	No	10	0	7/28/2014	Root Intrusion

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
55	Sacramento Area Sewer District CS	808668	Certified	Category 3	117084	Sacramento	No	5	0	7/9/2014	Debris-General
55	Sacramento Area Sewer District CS	808667	Certified	Category 3	117083	Sacramento	No	2	0	7/9/2014	Root intrusion
55	City of Stockton MUD CS	807664	Certified	Category 3	545 W Flora St	San Joaquin	No	11	0	7/10/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808825	Certified	Category 3	117132	Sacramento	No	4	0	7/10/2014	Debris-General
55	Sacramento Area Sewer District CS	808669	Certified	Category 3	117175	Sacramento	No	2	0	7/10/2014	Root intrusion
55	City of Stockton MUD CS	807632	Certified	Category 3	545 W Flora St	San Joaquin	No	2	0	7/10/2014	Root Intrusion
55	Sacramento Area Sewer District CS	808824	Certified	Category 3	117124	Sacramento	No	1	0	7/10/2014	Operator error
55	Sacramento Area Sewer District CS	808670	Certified	Category 3	117235	Sacramento	No	3	0	7/11/2014	Root intrusion
55	Sacramento Area Sewer District CS	808826	Certified	Category 3	117247	Sacramento	No	1	0	7/11/2014	Operator error
55	Lake of The Pines CS	807656	Certified	Category 3	10831combie rd auburn ca.	Nevada	No	150	0	7/12/2014	Pump Station Failure-Controls
55	City of Stockton MUD CS	807658	Certified	Category 3	1404 N Monroe St	San Joaquin	No	36	0	7/12/2014	Debris from Lateral
55	Sacramento Area Sewer District CS	808830	Certified	Category 3	117282	Sacramento	No	8	0	7/12/2014	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District CS	808834	Certified	Category 3	117297	Sacramento	No	5	0	7/12/2014	Root intrusion
55	City of Stockton MUD CS	807627	Certified	Category 2	1201 El Monte St., Stockton, CA	San Joaquin	No	2,250	0	7/13/2014	Grease Deposition (FOG)
55	El Dorado Hills CS	807727	Certified	Category 3	EDH-2014-07-03	El Dorado	No	75	0	7/13/2014	Vandalism
55	Sacramento Area Sewer District CS	808671	Certified	Category 3	117271	Sacramento	No	19	0	7/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	808827	Certified	Category 3	117275	Sacramento	No	9	0	7/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	808672	Certified	Category 3	117274	Sacramento	No	8	0	7/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	808831	Certified	Category 3	117285	Sacramento	No	5	0	7/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	808828	Certified	Category 3	117276	Sacramento	No	3	0	7/13/2014	Root intrusion
55	Sacramento Area Sewer District CS	808829	Certified	Category 3	117277	Sacramento	No	2	0	7/13/2014	Root intrusion
55	Sunset Whitney, Zone 2A3 CS	807700	Certified	Category 2	Western Regional Landfill - 3195 Athens Avenue	Placer	No	1,500	0	7/14/2014	Pipe Structural Problem/Failure
55	Murphys CS	807942	Certified	Category 3	manhole #198	Calaveras	No	360	0	7/14/2014	Root Intrusion
55	City of Sacramento Utilities CS	807679	Certified	Category 3	6725 DEMARET DR, SACRAMENTO, CA	Sacramento	No	62	0	7/14/2014	Root Intrusion
5F	Atwater CS	807726	Certified	Category 3	America West	Merced	No	50	0	7/14/2014	Pump Station Failure-Mechanical
55	Sacramento Area Sewer District CS	808835	Certified	Category 3	117298	Sacramento	No	21	0	7/14/2014	Root intrusion
55	Sacramento Area Sewer District CS	808833	Certified	Category 3	117296	Sacramento	No	6	0	7/14/2014	Debris-General
55	Sacramento Area Sewer District CS	808838	Certified	Category 3	117360	Sacramento	No	5	0	7/14/2014	Root intrusion
55	Sacramento Area Sewer District CS	808832	Certified	Category 3	117294	Sacramento	No	3	0	7/14/2014	Root intrusion
55	Sacramento Area Sewer District CS	808836	Certified	Category 3	117308	Sacramento	No	2	0	7/14/2014	Vandalism
55	Sacramento Area Sewer District CS	808837	Certified	Category 3	117344	Sacramento	No	2	0	7/14/2014	Operator error
55	Sacramento Area Sewer District CS	808839	Certified	Category 3	117376	Sacramento	No	3	0	7/15/2014	Debris-General
55	Sacramento Area Sewer District CS	808840	Certified	Category 3	117392	Sacramento	No	2	0	7/15/2014	Root intrusion
55	Sacramento Area Sewer District CS	808841	Certified	Category 3	117444	Sacramento	No	2	0	7/15/2014	Root intrusion
55	Sacramento Area Sewer District CS	808844	Certified	Category 3	117569	Sacramento	No	17	0	7/16/2014	Root intrusion
55	Sacramento Area Sewer District CS	808842	Certified	Category 3	117505	Sacramento	No	5	0	7/16/2014	Root intrusion
55	Sacramento Area Sewer District CS	808843	Certified	Category 3	117544	Sacramento	No	3	0	7/16/2014	Root intrusion
55	Sacramento Area Sewer District CS	808845	Certified	Category 3	117590	Sacramento	No	2	0	7/17/2014	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District CS	808846	Certified	Category 3	117641	Sacramento	No	2	0	7/17/2014	Root intrusion
55	UC Davis Health System CS	808159	Certified	Category 3	UCDMC Bldg #34	Sacramento	No	1	0	7/17/2014	Pipe Structural Problem/Failure - Installation
55	Hangtown Creek CS	807845	Certified	Category 1	Green Street, Placerville Ca.	El Dorado	Yes	51	51	7/18/2014	Grease Deposition (FOG)
55	Sacramento Area Sewer District CS	808850	Certified	Category 3	117714	Sacramento	No	16	0	7/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	808851	Certified	Category 3	117743	Sacramento	No	4	0	7/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	808848	Certified	Category 3	117705	Sacramento	No	3	0	7/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	808847	Certified	Category 3	117704	Sacramento	No	2	0	7/18/2014	Root intrusion
55	Sacramento Area Sewer District CS	808849	Certified	Category 3	117706	Sacramento	No	2	0	7/18/2014	Debris-General
55	Sacramento Area Sewer District CS	808877	Certified	Category 3	118647	Sacramento	No	33	0	7/19/2014	Root intrusion
5F	City Of Bakersfield CS	807848	Certified	Category 3	1020 8th St	Kern	No	15	0	7/19/2014	Debris-Rags
55	Sacramento Area Sewer District CS	808677	Certified	Category 3	117973	Sacramento	No	10	0	7/19/2014	Pipe Structural Problem/Failure
55	Sacramento Area Sewer District CS	808852	Certified	Category 3	117748	Sacramento	No	5	0	7/19/2014	Debris-General

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5S	Sacramento Area Sewer District CS	808533	Certified	Category 3	118327	Sacramento	No	2	0	7/28/2014	Root intrusion
5S	City of Stockton MUD CS	807976	Certified	Category 3	2314 Oregon Av	San Joaquin	No	1	0	7/28/2014	Debris-General
5S	Donner Summit CS	807974	Certified	Category 2	53823 Sherritt Lane Soda Spring CA 95728	Nevada	No	5,000	0	7/29/2014	Other (specify below)
5F	Tulare CS	808282	Certified	Category 2	400 South Blackstone Tulare CA. 93274	Tulare	No	1,000	0	7/29/2014	Pump Station Failure-Mechanical
5S	Sacramento Area Sewer District CS	808311	Certified	Category 3	118351	Sacramento	No	3	0	7/29/2014	Debris-General
5S	Clearlake Oaks Co Wtr Dis CS	808110	Certified	Category 2	13329 Everglad Clearlake Oaks Ca 95423	Lake	No	19,000	0	7/30/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	808536	Certified	Category 3	118528	Sacramento	No	5	0	7/30/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808313	Certified	Category 3	118491	Sacramento	No	2	0	7/30/2014	Root intrusion
5S	City Of Antioch CS	808234	Certified	Category 3	Lone Trree Golf Course	Contra Costa	No	62	0	7/31/2014	Grease Deposition (FOG)
5F	City Of Bakersfield CS	808235	Certified	Category 3	2900 Union Ave	Kern	No	5	0	7/31/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	808537	Certified	Category 3	118557	Sacramento	No	5	0	7/31/2014	Debris-General
5S	Sacramento Area Sewer District CS	808876	Certified	Category 3	118587	Sacramento	No	5	0	7/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808535	Certified	Category 3	118512	Sacramento	No	4	0	7/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808538	Certified	Category 3	118581	Sacramento	No	4	0	7/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	808875	Certified	Category 3	118520	Sacramento	No	3	0	7/31/2014	Root intrusion