

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
August 7/8, 2014

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SUCCESS STORIES

1. **Penn Mine Landfill Final Cover Partial Reconstruction Project Completed, Calaveras County**

On 20 August 2013, the State Water Board approved \$417,500 in Cleanup and Abatement Account funding for modifications to the final cover at the Penn Mine Landfill. Project funding is being split between the Central Valley Water Board, the East Bay Municipal Utilities District, and by the contractor, CB&I/Shaw Environmental. The project began on 26 August 2013 and was completed on 24 October 2013. The work was conducted to weld the final cover geomembrane to the liner geomembrane to eliminate or significantly reduce sources of surface water into the landfill that had been generating more leachate than expected. Work also included reconstruction of the perimeter radial drain and installation of an upslope interceptor trench. The project is intended to reduce the long term costs for leachate pumping, hauling, and disposal. Central Valley Water Board staff conducted site visits during and after construction, and a final report documenting the work was received on 3 February 2014. The project was completed significantly below the projected cost with the Central Valley Water Board's share totaling only \$252,591.41. Leachate generation data through April 2014 indicate no response from rainfall since the completion of the project; however, it will not be known how effective the project has been in preventing additional leachate generation until there is at least one wet season with greater than average rainfall.

2. **Record of Decision for 88 Sites at the Former McClellan Air Force Base is Completed, Sacramento County**

In June 2014, the Air Force and the regulatory agencies completed the signature process for the Final Follow-On Strategic Sites Record of Decision (ROD) for 88 sites at the former McClellan Air Force Base (McClellan). The completion of this ROD is a major milestone for the McClellan cleanup program. This is the final ROD to be completed by the Air Force at McClellan. The remaining RODs will be prepared by the U.S. Environmental Protection Agency (U.S. EPA), in consultation with the State under an early land transfer with privatized cleanup process developed at McClellan. The Air Force proposes to take remedial actions under CERCLA at 53 of the 88 sites. No action is selected for 35 of the sites. The Air Force selected remedies include various combinations of excavation and disposal, bioventing, and engineered and institutional controls to restrict exposure to residual contamination and restrict land use. The Air Force will complete the final early transfer with privatized cleanup project and other traditional property transfers later this year and in 2015. (JDT)

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

Berge Property, 14898 Nimshaw Road, Magalia, Butte County

In February 2011 Butte County Narcotics Task Force agents raided the apartment above the garage due to the production of methamphetamine. During a Post Methamphetamine Investigation, a sample of the septic tank contents was collected and at the time of sampling, tetrachloroethene (PCE) was detected at 18,700 ug/L. Subsequently, soil samples were collected in the vicinity of the septic tank. PCE was detected in shallow soils. Excavation and removal of approximately 25 cubic yards of soil from the leachfield area was conducted in March 2013. The residual liquid in the septic tank was mixed with neat cement to solidify. Confirmation soil samples were collected from the leachfield and septic tank excavations. Very low concentrations of PCE remained. The septic tank was removed from the Site and the excavation backfilled with clean imported fill on 16 October 2013. Groundwater was not encountered during any of the investigations. While some residual contamination in soil remains at the Site, this pollution does not represent a threat to human health and therefore this case was closed in April 2014.

Nunley Residence, 7911 Long Hay Flat Road, Shingletown, Shasta County, Case No. SLT5R1080

A leak from a supply line carrying kerosene heating oil was detected at the Site, which was the result of a puncture that occurred 8 years prior. Leakage could have discharged approximately 1,750 gallons of heating oil to the subsurface during that time period. Approximately 3 cubic yards of contaminated soil was removed and disposed of off-site. Since the initial excavation conducted in 2011, soil samples were collected in the vicinity and downgradient of the source area. Kerosene was detected in only one sample collected from the crawlspace and at a concentration of 9.6 mg/kg. BTEX and SVOCs were not detected in any of the soil samples. Very little soil pollution remains at the Site and appears to be limited to the leak area. Three groundwater monitoring events have been conducted at the Site. Kerosene and benzl alcohol were detected at concentrations of 0.05 and 27 µg/L, respectively in one sample from monitor well MW-4.

However, no contaminants were detected in groundwater during the last monitoring event. The most recent soil vapor testing in July 2013 did not detect kerosene. Threat to human health is minimal, exposure pathway for kerosene is limited and dermal exposure and ingestion of residual contaminated soils is unlikely since the bulk of contaminated soil has been removed.

Koppel Stockton Terminal Stormwater Pond, Stockton, San Joaquin County

Koppel Stockton Terminal, at 2025 West Hazelton Avenue in Stockton, has been conducting phytoremediation to remove nitrate from soil and groundwater since 1998. The Terminal consists of 4 separate parcels, and one parcel, the 1.8 acre stormwater pond meets the cleanup criteria for nitrate and ammonium in soil and groundwater. Therefore the Executive Officer issued a No Further Action determination on 30 May 2014. Remediation continues on the remaining 3 parcels. (AST)

4. **UNDERGROUND STORAGE TANKS (USTS) - COMPLETED SITE CLEANUPS**

No Further Action Required - Underground Storage Tanks (UST)

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**

- **General Petroleum-Fresno Cardlock, 3220 Parkway Drive, Fresno, Fresno County**
The site is currently a retail fuel facility that sells only diesel. In November 2012 during product line upgrades, a diesel fuel release was discovered. Impacted soil was excavated to a depth of 10 feet, and about 50 cubic yards of soil containing 1500 pounds of diesel were removed. A subsequent soil investigation determined that the remaining diesel did not present a threat to groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 21 April 2014.
- **Groppetti & Sons Dairy, 23025 West American Avenue, San Joaquin, Fresno County**
The site is currently a farm equipment yard with a nearby residence. Three USTs were removed in November 2012, and a gasoline release was discovered in soil. A soil boring determined that the gasoline did not extend beyond a depth of 45 feet, and did not threaten groundwater expected at a depth of 130 feet. The upper ten feet of soil was excavated and treated onsite, and subsequently used for general grading at the farm equipment yard. The case was closed as low risk on 28 April 2014.
- **Super Exxon, 304 South Sunnyside Avenue, Clovis, Fresno County**
The site is currently a retail fuel facility and convenience store. USTs were removed from the site prior to 1986. In 1994, gasoline was detected in soil during a site investigation. Additional investigations conducted between March 1996 and September 2006, defined the extent of the release. Groundwater monitoring wells were installed and groundwater was found not to have been impacted. Soil vapor extraction conducted between 2009 and 2012 removed about 19,000 pounds (3,060 gallons) of gasoline. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 20 May 2014.
- **Rio Grande Market, 800 Whitley Avenue, Corcoran, Kings County**
The site is currently a grocery store/restaurant. In 1988, gasoline and diesel constituents were discovered in soil during a UST system removal. The release was primarily gasoline, and the extent in soil was defined by investigations beginning in 1994. Soil vapor extraction was performed between 2001

and 2009, and removed about 134,000 pounds (22,000 gallons) of gasoline. An additional 25,000 lbs. (4,000 gallons) were removed between 2011 and 2012. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 19 May 2014.

- **Exxon Mini Mart, 130 East Robertson Boulevard, Chowchilla, Madera County**
The site is currently an active commercial fueling facility. A soil investigation performed in 1990 found that gasoline had been released to soil. One UST was removed in 1990 and two additional USTs were removed in 1994. A groundwater investigation in 1991 discovered floating product on groundwater at a depth of about 56 feet. The responsible party performed soil vapor extraction between 1991 and 1994, but did not document the quantity removed. Additional soil vapor extraction performed between 1999 and 2005 removed about 6,500 pounds (1,000 gallons) of gasoline. During 2008 a mixture of hydrogen peroxide and sodium persulfate were injected into the subsurface to degrade gasoline constituents in the subsurface. Additional groundwater investigation in 2013 determined the plume to be stable and a soil vapor investigation found the release did not threaten the indoor air of adjacent offsite structures. The case was closed on 9 April 2014.
- **Sequoia Forest Industries North Fork Mill, 57839 Road 225, North Fork, Madera County**
The site is a former lumber mill that currently operates a lumber recycling facility. A total of eight USTs were removed from the site in 1986, 1991, and 1996 and gasoline and diesel were detected in soil. Subsequent investigations found petroleum hydrocarbons in soil and groundwater, and petroleum hydrocarbons were also detected in an offsite domestic well; a well head treatment unit was installed. Excavation activities were performed at the site in November 2006 and 2009, and about 3,800 cubic yards of impacted soil were removed. Groundwater monitoring performed through 2012 determined the plume to be stable and decreasing, and no petroleum hydrocarbons have not been detected in the offsite domestic well since 2008. The case was closed as low risk on 24 April 2014.
- **Yosemite Lakes Trading Post, 29580 Yosemite Springs Road, Coarsegold, Madera County**
The site is currently a convenience store and retail gasoline service station. USTs were removed in 1999 and gasoline detected in soil. A municipal well 600 feet from the Site was impacted with MTBE above the MCL and a well head treatment system was installed in 2005. Soil and groundwater investigations conducted in 2000 and 2001 defined the extent of the pollution. Soil vapor extraction conducted between June 2001 and April 2002 removed about 575 pounds of gasoline. A groundwater treatment system was operated at the site between June 2002 and October 2006, and extracted about 22,000,000 gallons of groundwater, and removed an estimated 7 pounds of TPHg. MTBE has not been detected in the municipal well since 2010. The Yosemite Springs Park Utilities Company Inc. objected to case closure due to low level impacts to its water supply wells, so the responsible party petitioned the State Board for case closure. The State Board closed the case on 11 June 2014.
- **Western Farm Services, 24778 Avenue 13, Madera, Madera County**
The site is an agricultural services business which provides fertilizer, pesticides, and herbicides. Six USTs were removed in December 1987, and gasoline was determined present in soil. In 1990 soil vapor extraction removed about 1,800 pounds (300 gallons) of gasoline. An estimated 400 pounds (60 gallons) of gasoline remain in the soil beneath the Site. The Madera County Environmental Health Department referred the case to the Central Valley Water Board in 2013. Groundwater monitoring in accordance with an M&RP determined that no gasoline is present in groundwater. The case was closed as low risk on 5 May 2014.
- **Madera Irrigation District, 12152 Road 28 ¼, Madera, Madera County**
The site is currently occupied by an office building and an equipment storage yard. USTs were removed from the site in 1992, and gasoline was determined present in soil. In 1995 about 1,300 cubic yards of petroleum impacted soil was excavated and treated on Site by aeration. The Madera County Environmental Health Department referred the case to the Central Valley Water Board in 2013. An investigation performed in 2014 did not detect any gasoline in soil. The case was closed as low risk on 21 May 2014.

- **J & V Farms (Site 3), 25482 Avenue 8, Madera**
The site is currently occupied by a farm equipment storage building. An UST was removed in 1991 and diesel was determined present in soil. The Madera County Environmental Health Department referred the case to the Central Valley Water Board in 2013. Further investigation conducted in 2013 determined that about 480 pounds of diesel remain in soil beneath the site. Groundwater was not impacted. The case was closed as low risk on 27 May 2014.
- **Madera Produce, 701 South Gateway Drive, Madera**
The site is currently the location of a warehouse/distribution business. Two USTs were removed in 1998 and diesel was determined present in soil. An investigation performed in 2013 determined that about 480 pounds of diesel remain in the subsurface which presents no threat to groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 30 May 2014.
- **Woodlake Drive-In, 222 North Valencia Boulevard, Woodlake, Tulare County**
The site is a former service station that is currently a fast food restaurant. Gasoline and diesel constituents were discovered in soil and groundwater during a 1990 UST system removal. Groundwater monitoring detected floating product early in the monitoring history, which originated in part from a larger adjacent UST release. About 3,900 pounds (630 gallons) of petroleum hydrocarbons were removed by soil vapor extraction between 2006 and 2011. The case was transferred to the Central Valley Water Board during 2011. Investigation during 2012 confirmed the case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 5 May 2014.

b) **UST REDDING OFFICE**

- **Former Warner Petroleum Facility, 310 Nord Avenue, Chico, Butte County**
Soil and groundwater petroleum hydrocarbon pollution was discovered in 1991 associated with onsite underground and above-ground storage tank sources. Since 1997, the underground tanks and piping were removed, 600 cubic yards of impacted soil were excavated and hauled offsite for disposal, a sufficient number of monitoring wells and soil borings were installed to delineate the plume and remediation including; 1) separate phase hydrocarbon removal by bailers, 2) hydrogen peroxide injection, 3) soil vapor extraction and air sparging, and 4) ozone injection was conducted in addition to periodic groundwater monitoring were implemented. An estimated 95 pounds (15 gallons) of pollutant mass was removed from groundwater. The case was issued a No Further Action letter on 29 May 2014.
- **Southland 7-11 Store #21324, 2125 Monte Vista Avenue, Oroville, Butte County**
During tank re-lining activities in October 1997 contamination was discovered beneath the USTs. The three 10,000-gallon single-walled steel USTs, dispensers, and associated product piping were removed in August 2013. About 144 cubic yards of contaminated soil was removed from over-excavation of the UST basin and the southern dispenser area. Soil between 15 to 30 feet below ground surface at the Site is impacted by petroleum hydrocarbons. Groundwater was not encountered at the Site and is presumed to be greater than 90 feet bgs and has not been impacted by residual petroleum hydrocarbons. The Site meets the requirements of the Low-Threat Closure Policy and therefore this case was closed on 18 April 2014.

c) **UST SACRAMENTO OFFICE**

- **River City Petroleum & Connell Motor Lift Truck, 2211 North Wilson Way, Stockton, San Joaquin County**
In October 1986 and June 1998, multiple USTs were removed at River City Petroleum. In November 1998 groundwater was discovered impacted by Stoddard solvent at Connell Motor Lift Truck. By January 2003, monitoring confirmed that the two groundwater plumes were commingled. Remediation from 2004 to 2012 removed 41,097 lbs. (6,227 gal.) of petroleum hydrocarbons. Groundwater is estimated to reach water quality objectives in 23 years. Both cases were closed on 25 April 2014.

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

Sacramento

- Executive Airport Car Rental Facility, 6151 Freeport Boulevard, Sacramento
- Shell, 4625 Manzanita Avenue, Carmichael
- Scandia Family Fun Center, 5070 Hillsdale Boulevard, Sacramento
- Arco Station #284, 10224 Fair Oaks Boulevard, Fair Oaks

San Joaquin

- Eiggman's Hydraulic, 1112 East Harding Lane, Stockton
- Stockton Development Center, 1252 Stanislaus Street, Stockton
- Former Western Lift, Case #1, 3430 South El Dorado Street, Stockton
- Former Western Lift, Case #2, 3430 South El Dorado Street, Stockton

Solano

- Former Morgan's Fruit Stand, 6645 Milk Farm Road, Dixon
- Former Texaco Station, 6615 Milk Farm Road, Dixon

Tulare

- (Former) Ivanhoe Bulk Plant, 33247 Road 156, Ivanhoe
- J.A. Fischer, Inc., 1633 East Mineral King Avenue, Visalia
- Suntreat Hauling Coop, 450 North Oxford Boulevard, Lindsay

STAFF RECOGNITION

SUPERIOR ACCOMPLISHMENT AWARDS

At the June 5/6, 2014 Board meeting, Executive Officer presented superior accomplishment awards to the following staff:

Candidate: Alexander Mushegan
Unit: NPDES/Stormwater – Fresno Office
Title: Water Resource Control Engineer
Supervisor: Matt Scroggins

Alex has been with the Water Board for almost two and a half years in the Fresno office's NPDES Permitting Unit. In that time, he quickly learned the intricacies of the NPDES permitting program and consistently demonstrated a willingness and ability to increase his knowledge of the program. Alex has also established himself as a valuable resource for the region. Specifically, Alex volunteered to take on a lead role in figuring out how to implement USEPA's new ammonia criteria in our NPDES permits. He developed a sophisticated ammonia criteria development tool for use by other permit writers in Region 5 and also prepared information and discussion tools to inform management decisions on how to proceed with criteria implementation. Alex's initiative on this issue exemplifies his willingness to go above and beyond his assigned tasks.

Fresno management values Alex's focus on project assignments. He maintains a constant focus on solutions and strikes a great balance between researching issues in detail while keeping projects moving forward. His work is thorough, well organized, and consistently meets, and often exceeds, expectations

For all the reasons described above and so many more, Alex's contributions to the Water Board are highly valued, and he is most deserving of this Superior Accomplishment Award..

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.

Candidate: Scott M. Gilbreath
Unit: NPDES Unit – Redding Office
Title: Water Resource Control Engineer
Supervisor: Bryan J. Smith

Scott is receiving the Superior Accomplishment Award for his outstanding work in the Redding office's NPDES Unit. Scott conducts permitting, compliance, and enforcement activities for the NPDES regulatory program.

Scott worked as a student assistant in the Redding office, and was hired as a Water Resource Control Engineer after college graduation in 2012. Scott has quickly developed into a knowledgeable engineer with a reputation for having technical expertise and superior analytical skills.

Scott's case load includes a number of major facilities with complex permitting and enforcement issues. Scott recently managed NPDES permit renewals for two major NPDES facilities. The permits involved the consideration of mixing zones and dilution credits and required the review of mixing zone studies, biological assessments, and a thorough analysis of current and projected water quality data. Scott provided the necessary review of these documents and developed a data assessment tool to help analyze effluent water quality data. The tool enables permit writers to quickly assess the statistical distribution of water quality data, and project future data distributions. Scott has provided training to both Water Board staff and USEPA contractors on the use of the data assessment tool and as a result, the analysis of water quality data during the permit renewal process has become more efficient and consistent among permit writers.

The Redding NPDES Unit, and the Redding office as a whole, greatly benefits from Scott's dedication and hard work. His expertise, thoroughness, and analytical skills are greatly appreciated.

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 2013-2014 performance targets http://www.waterboards.ca.gov/about_us/docs/resource_alignment_report.pdf.

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
NPDES Wastewater						
Major Individual Permits Issued, Revised and Renewed	9	16	178%	n/a	n/a	
Major Individual Permits Facilities Inspected	51	29	57%	n/a	32	Target reflects use of contract help that is no longer available from USEPA. Data through 16 June 2014.
Minor Individual Permits Issued, Revised and Renewed	19	17	89%	n/a	n/a	This performance measure will not be fully met. One contributing factor is that several minor facilities no longer need NPDES permits for various reasons. Permits for these facilities will be rescinded instead of renewed. Rescissions reduce the backlog, but will not be counted towards achieving this measure.
Minor Individual Facilities Inspected	7	9	129%	n/a	11	Data through 16 June 2014
Minor General Enrollees Facilities Inspected	0	11	N/A	n/a	14	Data through 16 June 2014
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	32	89%	n/a	n/a	The program performance target will not be met for two reasons: the loss of a key person in one of the offices, and redirection of staff to enroll backlogged WDRs in general orders, which is not being counted for this target.
Municipal Waste Facilities Inspected	75	113	151%	n/a	115	Data through 16 June 2014
Industrial Waste Facilities Inspected	45	59	131%	n/a	59	Data through 16 June 2014
All Other Facilities Inspected	10	11	110%	n/a	14	Data through 16 June 2014
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	12	133%	n/a	n/a	
Landfills Facilities Inspected	73	86	118%	n/a	129	Data through 16 June 2014
All Other Permits Issued, Revised and Renewed	5	1	20%	n/a	n/a	Staff in the Sacramento Office were redirected from permits to assist with two complex Cleanup and Abatement Orders for mines. Cleanup and Abatement Orders are not counted towards permit performance targets in the Land Disposal program.
All Other Facilities Inspected	48	28	58%	n/a	32	Staff were allocated to enforcement orders and additional LF WDRs. Also, staff inspected multiple unregulated facilities, but those are not included in this inspection count.
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	457	158%	n/a	593	Data through 16 June 2014
Stormwater Industrial Facilities Inspected	195	203	104%	n/a	225	Data through 16 June 2014
Stormwater Municipal Facilities Inspected	4	8	200%	n/a	8	
Other Programs						
Timber Harvest Facilities Inspected	120	174	145%	n/a	194	Data through 16 June 2014
Confined Animal Facility Facilities Inspected (Dairies)	320	363	113%	n/a	417	
Clean Up						
New DoD Sites Into Active Remediation	63	60	95%	n/a	n/a	
New SCP Sites Into Active Remediation	36	41	114%	n/a	n/a	
Cleanup Program Sites Closed	140	49	35%	n/a	n/a	Progress at DoD sites is slower than expected due to Federal funding reductions.
New UST Sites Into Active Remediation	45	50	111%	n/a	n/a	
Underground Storage Tank Sites Closed	105	124	118%	n/a	n/a	
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

ENFORCEMENT

1. **Section 13267 Orders to Select Oil Field Injection Operators**

On 1 July 2014, the California Division of Oil, Gas, and Geothermal Resources (CDOGGR) issued an order to seven Operators to immediately cease injection operations at eleven injection wells in Kern County. The eleven wells were identified as injecting oil field produced water into aquifers which had not been exempted from the Safe Drinking Water Act and that may have a water quality suitable to serve as a source of drinking water. The CDOGGR Order was followed on July 2nd by a Section 13267 Order to each of the seven Operators issued by the Assistant Executive Officer directing each Operator to submit a work plan to collect a representative groundwater sample from each injection well, and to submit a report containing the results of the analytical results of each sample by 1 August 2014. The reports are also required to include all previously-obtained analytical fluid sample data from the injection zone, a list and location map of all water supply wells within one mile of each injection well, and all available information for each identified water supply well. Regional Board staff is currently attempting to contact well owners so staff can collect a water sample from each identified water supply well near the injection wells.

2. **Valley Water Management Company, Section 13267 Order**

On 1 July 2014, the Assistant Executive Officer issued a Section 13267 Order to Valley Water Management Company (Valley Water) for the Fee 34 Facility in the Edison Oil Field and Race Track Hill Facility northeast of the Edison Oil Field. Valley Water collects oil field produced water from various oil producers at the Fee 34 Facility and disposes of the produced water at the Race Track Hill Facility by percolation and surface spraying. The Order directs Valley Water to conduct a hydrogeologic investigation to determine whether the discharge activities have impacted ground or surface water, and, if yes, then determine the nature and extent of the impact. In addition, Valley Water is conducting a similar hydrogeologic investigation at the McKittrick 1 and 1-3 ponds west of the Cymric Oil Field, in western Kern County, to determine the threat of disposal activities to groundwater. Valley Water is working cooperatively with Regional Board staff in conducting both investigations.

3. **City of Sanger Domestic Waste Water Treatment Facility, Fresno County**

The Board adopted Waste Discharge Requirements (WDRs) Order R5-2014-004 on 6 February 2014 for the City of Sanger's Domestic wastewater treatment facility. At issue was local groundwater pollution with nitrates caused by the City's discharge and the use of nearby shallow groundwater by nearby residences for domestic supply. The WDRs contain several time schedules including Provision F.21 that requires the City to submit by 8 April 2014 a work plan to replace its groundwater monitoring wells that have gone dry. The City of Sanger has not submitted the required work plan. Board staff tried to contact the City of Sanger Public Works Director, by e-mail and by phone beginning on 18 April 2014 to enquire about the overdue work plan. On 24 April 2014, staff spoke with the Public Works Director and he indicated the City was having difficulty getting the resources together to do the required work. At that time, staff advised him to submit the work plan as required, or at the least, a letter updating the Board of the status of the City's efforts to complete the required work plan. As of 24 June 2014, the City had not contacted Board staff regarding compliance with Provision F.21. On 25 June 2014, Board staff issued the City a Notice of Violation for failing to submit the required work plan. In response, board staff received from the City a status letter on 2 July 2014. The letter states the City will submit the work plan by the end of July 2014.

4. **Cleanup and Abatement Order, Former Pistorresi Chevrolet, 442 West Robertson Boulevard, Chowchilla.**

A gasoline release was discovered at the site in 1990, and an investigation failed to define the extent. The Madera County Environmental Health Department referred the case to the Central Valley Water Board in 2008. Subsequent investigations defined the extent of the release in soil but not groundwater. Soil vapor extraction commenced at the site in 2011. Work on the project was ceased as of March 2013 due to financial issues between the consultant and the responsible party. A CAO was issued on 3 June 2014 which requires among other items, that the remediation system be restarted, and the extent of the groundwater pollution be defined. The responsible party and consultant have notified Central Valley Water Board staff that it will be moving forward with the project.

6. **ENFORCEMENT ACTION UPDATE**

15 April 2014 through 16 June 2014

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	NNC	NOV	NTC	SEL	TSO	VER	Total
1	0	3	0	0	0	0	0	0	0	0	3
2	0	5	0	1	0	0	0	0	0	0	6
3	0	2	0	0	0	2	0	1	0	0	5
4	0	7	0	0	7	30	17	0	1	0	62
5F	1	0	0	0	0	14	1	1	4	11	32
5R	1	2	1	0	0	2	0	2	2	3	13
5S	1	8	1	0	9	91	0	1	2	6	119
6T	0	0	0	0	0	0	0	4	0	6	10
6V	0	0	0	0	0	3	0	5	1	7	16
7	0	1	0	0	0	0	0	0	0	0	1
8	0	3	0	0	3	0	0	2	0	17	25
9	0	2	0	0	0	1	0	27	0	9	39
Total	3	33	2	1	19	143	18	43	10	59	331
Enforcement Action Lookup:											
13267 = 13267 Letter/Order						NOV = Notice of Violation					
ACL = Administrative Civil Liability						NTC = Notice to Comply					
CAO = Cleanup and Abatement Order						SEL = Staff Enforcement Letter					
CDO = Cease and Desist Order						TSO = Time Schedule Order					
NNC = Notice of Non-Compliance (Stormwater)						VER = Verbal Communication					

From a statewide perspective, Region 5 was responsible for approximately 44% of all the enforcement actions tracked in CIWQS during this period including 73% of all NOV's, and 33% of all ACL's.

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
4/29/2014	Administrative Civil Liability	Placer Cnty SMD No 3	Mandatory Minimum Penalty (MMP) ACL Order issued in the amount of \$93,000 for 27 serious and four non-serious effluent violations occurring between 1 June 2013 and 28 February 2014.
5/6/2014	Administrative Civil Liability	San Andreas WWTP	MMP ACL Order issued in the amount of \$6,000 for two serious effluent violations occurring between 1 May 2010 and 31 December 2013.
5/6/2014	Administrative Civil Liability	Jackson City WWTP	MMP ACL Order issued in the amount of \$18,000 for six serious effluent violations occurring between 1 June 2012 and 31 December 2013.
5/7/2014	Administrative Civil Liability	Colfax WWTP	MMP Order issued in the amount of \$9,000 for 3 serious effluent violations occurring between 1 June 2013 and 31 December 2013.
5/9/2014	13267 Letter/Order	Bill Spaletta Cattle Operation	13267 order for a Waste Management Plan (WMP) to control both solid and liquid manure discharges from the property to neighboring properties and to McClure Creek.
5/9/2014	Administrative Civil Liability	Todd & Monica Borba	ACL Complaint R5-2014-0528 issued for \$2,240 for failure to submit Report of Waste Discharge (RoWD) as required under Water Code section 13260.
5/9/2014	Administrative Civil Liability	Mary Jo Meirinho	ACL R5-2014-0527 for \$2300 for failure to submit a RoWD as required under Water Code section 13260.
5/9/2014	Administrative Civil Liability	Larry W. & Shireen I. Slate	ACL Complaint R5-2014-0528 issued for \$3,080 for failure to submit RoWD as required under Water Code section 13260.
5/12/2014	Administrative Civil Liability	Payless Gas & Food Mart	ACL Complaint issued for failing to comply with 13267(b) order.

Action Date	Action	Facility Name	Summary of Violations
5/30/2014	13267 Letter/Order	In N Out Honda	13267 Letter/Order for failure to pay annual fees, failure to provide complete and timely monitoring reports, and failure to have a Storm Water Pollution Prevention Plan (SWPPP) at the facility.
5/30/2014	Administrative Civil Liability	Willows Wastewater Treatment Plant	ACL complaint for a MMP violation, Total Residual Chlorine of 0.188 mg/L in exceedence of effluent limit (0.02 mg/L).
6/3/2014	Cleanup and Abatement Order	Lincoln Class III Landfill	The Discharger is in violation of the WDRs for failing to measure and report the separation between the waste and high groundwater.
6/4/2014	13267 Letter/Order	LRN Hide Processing Facility	13267 Letter/Order for violations of Water Code sections 13260 and 13264 which make it illegal for anyone to discharge waste where it could affect the quality of waters of the state without first submitting a RoWD. The letter places the discharger under legal obligation to submit the appropriate reports and ownership information to the Board.
6/4/2014	Cleanup and Abatement Order	Ferreira & Son Dairy	CAO for Dairy-related waste to stop all off-property discharges; submit a workplan for irrigation water management and relocation of the heifer corral.
6/16/2014	Administrative Civil Liability	Davis, David L & Linda M. TR	Complaint based on failure to submit Report of Waste Discharge (RoWD) to Water Code section 13260.

7. **SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS**

a) **SANITARY SEWER OVERFLOWS**

Sanitary sewer overflows (SSOs) continue to be an area of concern and focus of attention for Central Valley Water Board staff. Between the period of 15 April and 30 June 2014, there were **12** Category 1, **4** Category 2, and **234** 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 (MRP) for the Statewide Waste Discharge Requirements for Sanitary Sewer Systems (SSS WDRs) 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.

Sanitary Sewer Overflow Spills in Excess of 50,000-gallons

There were two SSO events resulting in spills in excess of 50,000-gallons. Those two events are described in detail below.

City of Oroville, Butte County

On 5 May 2014, City of Oroville Department of Public Works staff reported a release of domestic sewage initially estimated to be over 10,000 gallons from the City's Olive Glen Lift Station (OGLS) which began on 2 May 2014. The reported cause of the incident was due to failure to activate the lift station pumps resulting in overflow of the lift station wet-well. As reported, the OGLS pump motors were turned off to complete a routine facility inspection on 2 May 2014 and were left off by mistake. Later that day, the City received a high level alarm notification by the 24-hour contract alarm company at 1:57 PM but was given the wrong lift station location. City staff inspected the wrong station location and found no high level wet-well emergency. On 5 May 2014, the City was notified by a citizen of a sewage spill occurring at the OGLS. City staff turned on the OGLS pump motors at 9:15 AM on 5 May 2014, which ended the sewage spill. City staff later determined the total sewage spill volume to be 54,433 gallons, all of which reported to have reached drainage channels hydraulically connected to an un-named creek that flows adjacent to Glen Drive.

The City posted public notification and clean-up of the impacted surface area consisted of limited solids removal, rinsing, and disinfection. The City began conducting upstream and downstream water quality monitoring in the un-named creek for total coliform organisms, fecal coliform organisms, and ammonia. A complete SSO technical report including water quality monitoring results was provided to Central Valley Water Board staff for review on 27 June 2014. As a result of this incident, the City has revised the field inspection form to include a "check box" to verify that pump motors are activated upon conclusion of future lift station inspections. The City plans to update the high level alarm system to provide additional, automated alert notifications to the contracted 24-hour alarm company if the alarm system is not cleared within a specified time after the initial automated alert notification.

The case remains open pending review of final reports submitted by the City. Central Valley Water Board staff is evaluating appropriate enforcement actions for the May 2014 OGLS sewage spill.

City of Huron, Fresno County

On 8 June 2014, Central Valley Water Board staff was notified of a sanitary sewer overflow from the City of Huron collection system. Due to a pump station power outage, an estimated 142,000 gallons of sewage spilled from the City's main lift station over a period of approximately 7 hours. The spill ran along a dirt road used only for access to the wastewater treatment plant and into an earthen ditch along the edge of an onion field. The entire volume of the spill percolated. Flow was restored once the outage ended, the spill area was cleaned up and disinfected, and a technician was called to determine why the power failure alarm did not sound. A high level float switch will be installed to trigger a backup alarm in the future. A Notice of Violation is being prepared to ensure measures are taken to ensure an alarm will sound under like circumstances in the future.

All of the spills occurring between 15 April and 30 June 2014 are included as **Attachment A**. 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. 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.

b) **COMPLAINTS**

Regional Board staff are responsible for responding to complaints related to water quality within the Central Valley Region as they are received by the online Cal/EPA Environmental Complaint Form (http://www.dtsc.ca.gov/database/CalEPA_Complaint/). From 15 April through 16 June 2014 the Central Valley Regional Water Board received **24** complaints related to water quality from Cal/EPA. Of those 24, **18** have been closed or referred to the appropriate agency (e.g., local County Environmental Health agencies). Investigations for the remaining **6** complaints are ongoing. For the fiscal year 2013-2104 to date, **92%** of the complaints received from the Cal/EPA Complaints System have been closed or referred to an outside agency.

DELTA ACTIVITIES

1. **Delta Methylmercury Control Studies**

The Executive Officer has approved Methylmercury Control Study Work Plans for methylmercury source types of municipal wastewater, urban and industrial storm water, managed seasonal wetlands, restored tidal wetlands, and open water channels. These study work plans are now being implemented. Staff is continuing to work with Departments of Water Resources and Fish and Wildlife to finalize details of study plans for Delta channels and tidal wetlands.

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. The Central Valley Water Board is funding and working with the CDFW Moss Landing Marine Lab to examine the effects of invasive aquatic vegetation on methylmercury in Delta channels. Sampling for this aquatic vegetation effort will occur this summer.

2. **Delta Mercury Exposure Reduction Program**

The goal of the Delta Mercury Exposure Reduction Program (MERP) is to reduce exposure to mercury among people who eat locally caught fish. The Delta MERP is being supported by money from dischargers and the Cleanup and Abatement Account and from in-kind contributions from the Central Valley Water Board, Department of Public Health, Delta Conservancy, Department of Water Resources, and several other agencies. In May, Central Valley Water Board staff sent letters to dischargers and non-State entities requesting payment of the first year's commitments to MERP. These direct contributions are being managed by the Aquatic Science Center and will be used for materials and a small grant program. Cleanup and Abatement funds are managed by the Delta Conservancy and will primarily support staff who will be involved in MERP on a daily basis. Initial stakeholder meetings are anticipated early this fall.

3. **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) continue to meet and refine assessment questions and the design approach to answer each question. An update on the status of each of the subgroups and the Technical Advisory Committee (TAC) was presented to the Steering Committee on 19 May 2014. The TAC met on 24 June 2014, attended by Meghan Sullivan and Tess Fojut, to hear the latest from the subgroups and offer input on the designs. Aquatic Science Center staff in coordination with the subgroup leads will refine and compile the designs for the various constituents into a modular monitoring design which could be scaled up or down based on funding. This design will be presented to and refined by the TAC in mid-August.

The Steering Committee met on 19 May 2014 to hear an update from the TAC and to begin discussions related to 'adequate participation', funding, and the election of chairs for future meeting facilitation. The Steering Committee meets again on 14 July 2014 to work on criteria for adequate participation and program funding.

Central Valley Water Board staff, with a sub-set of RMP participants, continues to refine the language to be used in NPDES permits to allow for participation in the program. A general order to revise the NPDES permits is currently being drafted and will be brought to the Board in fall 2014.

- On 12 May and 12 June, Janis Cooke participated in meetings of the Delta RMP Methylmercury Subgroup. The Methylmercury Subgroup is developing monitoring plan options with an emphasis on methylmercury in sport fish and water.
- On 20 June, Chris Foe and Meghan Sullivan participated in a meeting of the Delta RMP Nutrient Subgroup meeting.
- On 25 June, Jay Simi and Meghan Sullivan participated in a meeting of the Delta RMP Pathogens Subgroup.

4. **Bay Delta Conservation Program (BDCP)**

The comment period for the draft Bay Delta Conservation Plan staff report and associated EIR/S has been extended to 29 July 2014. Staff received the notification after submitting Central Valley Water Board comments on both documents to State Board. State Board will collate all comments and submit as a single package to BDCP

5. **Nutrient Strategy**

The 2014 Delta Strategic Plan includes development and implementation of a nutrient research plan for the delta. The Strategic Plan includes key tasks and a schedule, including formation of a Technical Advisory Team (TAC) and a Stakeholder Advisory Group (SAG). An organizational meeting was held for the nutrient TAC and SAG on 2 and 17 June, respectively. Key deliverables will be writing white papers on each of the three nutrient related water quality impairments in the Delta and using these to develop a research plan. The research plan is due in the spring of 2015. The State Board funded white papers on factors that control the abundance and distribution of blue green algae and macrophytes. No money has been identified for a white paper on the third impairment, determining the effect of nutrient concentrations, forms and ratios on algal abundance and species composition. Staff will write this white paper with help from the TAC and SAG

TMDL BASIN PLANNING

1. **Pesticide TMDLs/Basin Planning**

On 12 June, Tessa Fojut and Danny McClure met with the Department of Pesticide Regulation (DPR), the California Association of Sanitation Agencies (CASA) and State Water Board staff to discuss recent findings of pyrethroids in wastewater at levels of potential concern. CASA and the Water Boards will be working with DPR to identify potential next steps for filling data gaps to identify sources, potential effects and potential mitigations that DPR could implement.

2. **Statewide Reservoirs Mercury Program**

On 27 June, Janis Cooke participated in a focus group meeting for California Indian Tribes regarding the Statewide Mercury Program. Representatives from four Tribes participated.

NPDES

1. **401 Certifications**

Shamrock Holdings, LLC (Applicant) submitted a Federal Clean Water Act § 401 Water Quality Certification (401 Certification) application to the Central Valley Water Board for the Commons at Prairie City Project (Project). The construction of this 4.21- acre Project will discharge earthen material (fill) into 0.55 acre of a seasonal wetland to develop a senior residential care facility at the southeast corner of Willard Drive and Prairie City Drive in the City of Folsom. An Applicant representative appeared before the Central Valley Water Board in June 2014 indicating that a permit for the fill discharge must be issued by August 2014 to ensure construction can commence.

The United States Army Corps of Engineers (USACOE) has determined that the seasonal wetland is an isolated water and has not taken Federal Clean Water Act § 404 jurisdiction (i.e., not a water of the United States). Since the USACOE did not issue a 404 permit, a 401 Certification is not needed. The Applicant fully mitigated the proposed 0.55-acre impact to state waters by purchasing mitigation wetland habitat credits (1:1 ratio) of higher quality than the current wetland habitat at the Project site. Because the Applicant demonstrated that the compensatory mitigation has already been purchased, waste discharge requirements are not necessary in connection with the fill of the seasonal wetland. On 3 July 2014, the Executive Officer issued the Applicant a letter indicating that waste discharge requirements are not needed for fill of the seasonal wetland.

DAIRIES

Staff has issued notices of violation (NOVs) to a number of dairies covered under the Dairy General Order for which a review of their records revealed that they have not fully or properly implemented a nutrient management plan. Staff is pursuing formal enforcement for those dairies that have not adequately responded to the NOV. To date, letters have been issued to five dairies notifying them of their opportunity to demonstrate that they have actually been implementing nutrient management. If not, the Executive Office intends to issue a directive under authority of CWC section 13267 requiring the discharger to implement individual groundwater monitoring at the dairy's land application area.

In August 2013, staff issued Notice of Violation (NOV) letters to several dairies covered under the Dairy General Order that failed to submit the 2012 Annual Report, which was due by 1 July 2013. Some of these have closed or declared bankruptcy. Staff is in the process of pursuing formal enforcement for those dairies that have not yet submitted the required Annual Report following receipt of their NOV.

Staff is processing annual reports for dairies that were due by 1 July 2014 for the calendar year 2013. To date, approximately 90% of the dairies covered under the Dairy General Order have submitted the required annual report. Staff plans to issue NOV letters to those dairies that have not submitted their annual report sometime in mid-August.

SITE CLEANUP

- 1. Frontier Fertilizer Completes Electrical Resistance Heating Remediation, Davis, Yolo County.**
Frontier Fertilizer, a federal superfund site at 3901 Second Street in Davis, has completed a subsurface heat remediation program. Between March 2011 and the program termination in October 2013, Frontier Fertilizer removed a total of 97 pounds of contaminants from soil and groundwater. This includes 52.5 pounds of dichloropropane, 1.8 pounds of ethylene dibromide, 2.1 lbs of dibromochloropropane, 23 pounds of 1,2,3-trichloropropane, 1.7 pounds of vinyl bromide, and 1.2 pounds of chloroform. The removal occurred from electrodes installed to depths no more than 10 feet below ground surface and also to 40 to 80 feet below ground surface. Within the treatment zone, all contaminants are presently below the remedial action objectives, and groundwater concentrations are reduced as much as 99.99 percent. Pollution downgradient of the treatment zone continues to be captured and treated with granulated organic carbon. (AST)

SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee policy discussions have continued to focus on alternative compliance strategies. Following direction by the Executive Committee at the April meeting a review document was developed for the May meeting that better described what an alternative compliance project would be and clarified the organization of a management zone. This document helped to guide a review of alternative compliance strategies discussions that have occurred over the last few meetings. A revised strawman document, Proposed Approach for Evaluating and Regulating Nitrate Discharges to Groundwater in the Central Valley Region, outlined a tiered approach to alternative compliance demonstration that was the focus of the June meeting. In lieu of a July policy discussion, the group was asked to help define key terms to be used in developing the Salt and Nitrate Management Plan. This exercise is to avoid re-defining words or phrases that already have long standing definitions. The definitions will be the focus of a future policy discussion. Technical projects are continuing on schedule, Phase II Conceptual Model workplan tasks have been initiated with a project committee meeting to agree on a table of contents for the Salt and Nitrate Management Plan, a kickoff meeting for stakeholders in the Management Zone Archetype area, and refinement and update of data for the groundwater data in the conceptual model. These and ongoing projects will verify 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 Central Valley Salinity Coalition organized a panel presentation for the International Salinity Forum in June. Presentations focused on the organizational and regulatory challenges in planning and managing salinity in the Central Valley, basin wide salinity assessment, and overviews of the technical projects being implemented by CV-SALTS.

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's subcontractor team has finalized response to comments for the Central Valley Water Boards 2010 draft staff report titled Salt Tolerance of Crops in the Lower San Joaquin River. The subcontractor team has also completed updates to the WARMF database and begun an analysis of baseline salt loading to the river. The committee has decided upon a set of policies for establishment of salinity water quality objectives and has applied these policies to Hoffman modeling runs to identify a tentative range of objectives. In addition, the collection of information on irrigation management practices and crop acreage data from LSJR water users has been completed. Between November and June, crop data for approximately 49,000 of the 52,000 acres in the LSJR Irrigation Use Area were collected.

2. **CV-SALTS Meeting Participation**

On 24 April, Pamela Creedon, Karl Longley, Clay Rodgers, and Jeanne Chilcott participated in the CV-SALTS Executive Committee Policy Meeting which focused on alternative compliance strategies.

On 22 May, Pamela Creedon, Karl Longley, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting which focused on a review of alternative compliance strategies and regulatory option discussions, a presentation on the variance and exceptions program, and staff from Department of Water Resources provided information on agricultural drainage grant programs.

On 29 May, Jim Brownell participated in the LSJR Committee monthly meetings.

On 5 June, Pam Buford participated in the Phase II Conceptual Model stakeholder kickoff meeting for the Management Zone Archetype at Alta Irrigation District. Meeting purpose was to provide background on CV-SALTS and introduction of Management Zone concept to stakeholders within the Alta Irrigation District boundary.

On 9 June, Pamela Creedon, Karl Longley, and Jeanne Chilcott, met with Deputy Legislative Secretary Martha Guzman-Aceves to provide a briefing on CV-SALTS progress including efforts on outreach to Disadvantaged Communities with nitrate impacts to drinking water.

On 11 June, Jeanne Chilcott and Pam Buford attended the Project Committee meeting for the Phase II Conceptual Model kickoff. Meeting focus was to review plan for Salt and Nitrate Management Plan development including discussion and finalizing expectations for Phase II Conceptual Model work.

On 13 June, Pam Buford and Jean Chilcott participated in the CV-SALTS Executive Committee Administrative Meeting which focused on a concept for data management by CV-SALTS, the schedule for developing the Salt and Nitrate Management Plan, and technical project updates.

On 17 June, Jeanne Chilcott participated on a panel presentation at the International Salinity Forum on Planning and Managing Salinity in the Central San Joaquin Valley.

On 19 June, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting with a focused discussion on a strawman proposed approach for evaluation and regulating nitrate discharges in groundwater.

On 26 June, Jim Brownell participated in the LSJR Committee monthly meetings.

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

Monthly staff meetings with representatives of the USBR were held on 12 May and 9 June to discuss the status of work related to the MAA. During both meetings USBR staff and members of the Westside San Joaquin River Watershed Coalition reported on the progress they have made on the Real-Time Salinity Management Program (RTMP) prediction model.

The draft RTMP framework document and the draft revised MAA were released for public review on 4 June with deadline for comment set for 18 August. The Board is scheduled to consider the documents during the 9/10 October meeting.

USBR submitted the draft Annual Work Plan for federal fiscal year 2015 on 16 June. The work plan is referenced in the draft revised MAA. Staff will discuss the draft work plan with USBR and then intend to release the work plan for public review prior to the October Board meeting.

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 to move forward with the development of draft water body categorization reports for the Sacramento POTW Case Study receiving waters. In addition, a draft water quality report evaluating the data collected in the Sacramento case study area is being finalized. Additional tasks are moving forward and in coordination with the contractors for the CEQA and economic evaluations including a potential case study area within the San Joaquin River Basin.

MUN Meeting Participation

On 9 May, Anne Littlejohn and Jeanne Chilcott met with representatives from the San Luis Canal Company to discuss their interest in participating as a case study for the San Joaquin River Basin.

In support of the development of water body categorization reports for the Sacramento POTW Case Study Basin Plan Amendment, the following meetings were conducted:

On 4 June, Anne Littlejohn and Cindy Au Yeung met with representatives from Reclamation 833 and the City of Biggs to discuss in detail the characteristics of the Ag dominated water bodies downstream of the city's wastewater effluent discharge.

On 16 June, Anne Littlejohn and Cindy Au Yeung met with representatives from the California Department of Water Resources Flood Management Division to discuss in detail the characteristics of the Ag dominated water bodies they manage downstream of the wastewater effluent discharges from the cities of Live Oak and Biggs.

More information on the project can be found at:

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

GROUND WATER STRATEGY

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

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

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

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

Action 6.4.1 Develop a Salt and Nitrate Management Plan for the Central Valley. The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012. CV-SALTS continue to work toward development of a 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://cvosalinity.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

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. The first of regular quarterly staff meetings was held in July. Newly assigned staff are educating themselves on their assigned IRWM groups and beginning to attend meetings.

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 has been drafted and is under management review prior to sending it for stake holders review. The General Order for Poultry facilities has been delayed because of high priority enforcement cases and inspections. Work on developing a draft Poultry General Order will begin within the next two months.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement a program that establishes a groundwater protection program for wastes associated with irrigated agricultural practices. The Central Valley Water Board has adopted six Orders covering specific geographic areas that allow growers to be represented by third-party groups and one Order for those growers that are not part of a third-party group. Additionally, one Order covering a specific commodity (rice in the Sacramento Valley) has been adopted. The adopted Orders all include groundwater quality protection and monitoring requirements. More detail on Long-Term ILRP development can be found under the Irrigated Lands Regulatory Program section of this EO Report or found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml

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

Action 6.5.3 Reduce Site Cleanup backlog. The goal of this action is to reduce the number of inactive cases (i.e., the case backlog) in the Site Cleanup Program. Staff have been assigned and have started reviewing the site files to determine the nature of the inactive cases. Of the cases reviewed, 82 were closed, 28 cases have been identified as being informational, 23 sites are being handled by another agency, 39 sites do not have sufficient documentation to make a determination as to whether they are sites or not, 28 sites are potential candidates for closure evaluation, 33 sites are correctly identified as open and inactive, 134 sites are currently being further scrutinized. Work will continue on the sites that need additional review

Action 6.5.4(a) & 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. Regional Water Board staff worked with the State Water Board staff in FY2011 to develop a policy for onsite sewage treatment systems. On 19 June 2012, the State Water Board adopted a Policy for regulation of Onsite Wastewater Treatment Systems (OWTS Policy). The State Water Board OWTS Policy is effective 13 May 2013 and can be found at: http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml. As required by the OWTS Policy the Central Valley Water Board adopted amendments for both Basin Plans at the May 2014 meeting. Next steps will be for State Water Board (scheduled for September 2014), Office of Administrative Law, and US EPA to approve the basin plan amendments.

The recently adopted OWTS Policy has conservative, generally prescriptive requirements (Tier 1), but allows local agencies (typically counties, cities, and special districts) to develop and implement alternative performance-based requirements (Tier 2) for new and replacement OWTS, in Local Agency Management Programs (LAMPs). The Policy requires Regional Water Boards to review and approve all Tier 2 LAMPs. Our Initial implementation of the Policy has primarily included informal discussions and meetings with local agencies on practical implementation of the Policy, and follow-up letters to identify those local agencies committed to preparing LAMPs. Of 30 identified Central Valley Region local agencies, mostly counties, 26 have committed to submitting LAMPs and no responses have been received from El Dorado, Nevada, Merced, and Tulare Counties. We are also working with State Water Board staff on Policy guidance, soliciting technical input from local agency wastewater specialists, and planning additional outreach meetings.

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. Due to redirection, the State Water Board unit work on a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd was delayed, but a tentative order was recently released for public comment. Current schedule 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. Also, staff worked with State Water Board on development of a General Order for Recycled Water Use, which was adopted by the State Water Board on 3 June.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

1. General Waste Discharge Requirements (WDRs) Development

a) Grasslands Bypass Project

A draft administrative WDR and MRP reflecting new compliance dates to meet selenium objectives in Mud Slough (north) and incorporating relevant requirements from the Irrigated Land Regulatory Program was released 29 May. Comment period ended on 30 June. Six comment letters were received and are being reviewed by staff.

A workshop notice on the draft WDR and MRP has been posted for the August board meeting. A tentative WDR and MRP is expected to be released for public comment in early August 2014.

b) Grassland Drainage Area

Staff are working with representatives of the Grassland Area Farmers received on the draft groundwater WDR and MRP for the Grassland Drainage Area. The Grassland Area Farmers are covered by the Grassland Basin Drainage Management Activity Agreement (GBD Activity Agreement) established under the umbrella of the San Luis & Delta-Mendota Water Authority, a joint powers agency organized pursuant to the California Government Code section 6500 *et seq.*

On 2 July a conference call was arranged between staff of the Central Valley Water Board and representatives of the Grassland Area Farmers to discuss questions on the draft groundwater WDR and MRP. A second conference call is scheduled on 25 July.

c) Sacramento River Watershed WDR

On 10 April, the Northern California Water Association (NCWA) submitted an application to serve as the third-party to represent growers in the Sacramento River Watershed on behalf of the Sacramento River Water Quality Coalition (Coalition). On 4 June, the Executive Officer issued a Conditional Notice of Applicability and conditional approval of NCWA to serve as the third-party group under Order R5-2014-0030. The conditional approval required that an addendum containing additional documentation related to organizational governance and accountability was needed to complete NCWA's application. The documentation submitted by NCWA is under management review.

On 16 June, the Executive Officer released for comment the Sacramento Valley Water Quality Coalition's Farm Evaluation template, recognizing that templates may require modifications for different geographic areas. Comments are due by 16 July and will be considered before the Executive Officer issues a final template.

d) San Joaquin County and Delta Water Quality Coalition WDRs

On 6 June, the Executive Officer released for comment the San Joaquin County and Delta Water Quality Coalition's Farm Evaluation template recognizing that templates may require modifications for different geographic areas. Three comments were received by the 7 July 2014 deadline. Comments will be considered before the Executive Officer finalizes the template.

e) Western San Joaquin River Watershed WDRs

A petition was filed with the State Water Resources Control Board regarding the board's adoption of the "Waste Discharge Requirements General Order for Growers within the Western San Joaquin River Watershed that are Members of a Third-Party Group" (Order No. R5-2014-0002). The petition is identified as A-2292 CSPA and C-WIN and can be found at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality/petitions.shtml

On 19 May, the Executive Officer issued the final template for Farm Evaluation that all third-party members (Members) in the Western San Joaquin River Watershed must use to report management practices implemented to protect surface water and groundwater quality. Recognizing that templates may require modifications for different geographic areas, on 28 March 2014 a proposed Farm Evaluation template for the Western San Joaquin River Watershed was released for review and comments by interested parties. One comment letter was received by the 28 April 2014 deadline; suggestions were considered and deemed not to necessitate changes to the template.

On 15 May, the Westside San Joaquin River Watershed Coalition (Coalition) submitted a Managed Wetland Evaluation Template, per Order R5-2014-0002. Upon completion of staff's internal review, the

template will be posted for a 30-day public comment period. Comments will be considered prior to the Executive Officer approving a final Managed Wetland Evaluation Template.

2. State Water Resources Control Board Agricultural Expert Panel

The State Water Board’s Agricultural Expert Panel has released their draft

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

The public notice for a meeting to take public comment on their report can be found at:

http://www.waterboards.ca.gov/public_notices/comments/docs/notice_expert_panel_public_mtg_071814.pdf

3. Management Practice Evaluation Program (MPEP)

On 8 May, the East San Joaquin Coalition, the San Joaquin County and Delta Water Quality Coalition, and the Westside San Joaquin River Watershed Coalition submitted additional information as required in the conditional approval of the Management Practices Evaluation Program (MPEP) Group Option Agreement issued on 18 March. The Group Option allows multiple entities to prepare a joint MPEP Workplan to determine the effects, if any, irrigated agricultural practices may have on first encountered groundwater under different conditions that could affect the discharge of waste from irrigated lands to groundwater, and to address the conditions relevant to high vulnerability groundwater areas. The additional information adequately addressed the required elements.

4. Grower Enrollment under New Orders

The new ILRP Orders provide an opportunity for growers who do not have regulatory coverage to directly join the coalition. After the allowable time frame to directly join the coalition, the growers must submit a Notice of Intent to the Central Valley Water Board to get approval for regulatory coverage under the applicable third-party group Order. As each Order has been adopted, and the coalitions approved, staff and the coalitions initiate outreach efforts to inform non-participating growers of the opportunity to join the coalition.

The Coalitions generally are required to report their Member lists 60 days after the opportunity to join the coalition directly. Member lists are then reported annually thereafter. Table 1 provides a summary of enrollment for two coalitions for which the board has current membership information. Information for other coalitions will be provided as the window for direct grower enrollment with the coalitions close and board staff receives membership lists. Note that the Table below is identical to that contained in the June 2014 Executive Officer’s report, since no new participant information has been received.

Table 1. Coalition Enrollment Information Summary

Coalition Group	East San Joaquin	Kings River ⁷
New Order Outreach Start Date	January 2013	January 2014
Participating Growers and Associated Acreage		
Number of Growers, Pre-Order ¹	2,225	8,400
Number of Growers, as of May 2014	3,963	pending
Change (Additional Growers Enrolled) ³	1,738	pending
Number of Acres, Pre-Order²		
Number of Acres, Pre-Order ²	535,653	451,889
Number of Acres, as of May 2014	718,833	502,485
Change (Additional Acres Enrolled) ³	183,180	50,596
Projected Total Number of Growers and Acres		
Growers Requiring Coverage ⁴	3,600	pending
Irrigated Acres Requiring Coverage ⁵	835,000	1,038,345
Acres Enrolled under the Dairy Program⁶		
	165,000	pending

¹For the East San Joaquin coalition, the pre-Order participating growers comes from July 2012; the Kings River Coalition comes from the July 2013 participant list. Participant values were provided by the Coalition Group or calculated by staff using a pivot table to determine the number of unique names.

²For East San Joaquin Coalition this number is derived from the July 2012 Coalition Participant List; for the Kings River Coalition, this number is derived from the July 2013 Coalition Participant List. Reporting acres vary (e.g., acres, irrigated acres, farmable acres, assessed acres, etc.)

³This value is the change in grower participation or participating acres from when outreach related to the general orders began to the present.

⁴Projected number of growers was derived from the US Dept of Agriculture 2007 Census of Agriculture or extrapolating the coalition participant lists and total irrigated lands. Details are provided in the respective adopted Orders. Actual values may differ from projected.

⁵Projected irrigated acres were derived from the CA Dept of Conservation's Farmland Mapping and Monitoring Program GIS datasets, the Dept of Water Resources land use GIS datasets, and the County Agricultural Commissioners' reports. Details are provided in the respective adopted Orders. Actual values may differ from projected.

⁶Acres enrolled under General Order, R5-2007-0035, for Existing Milk Cow Dairies. Information comes from annual reports from dairies.

⁷Some participant values and acreages are pending, since the deadline for providing the participant list has not occurred. For the Kings River Coalition, the deadline for growers to directly enroll with the coalition is 19 May 2014. This will be provided in the July 2014 participant lists, if not earlier.

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

In May and June, and on July 1st, ILRP staff inspected 102 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.

6. **Compliance & Outreach – East San Joaquin Notices of Violation**

In May and June, staff mailed 82 Notices of Violation (NOVs) to landowners who failed to respond to California Water Code 13260 Directives to arrange regulatory coverage for their irrigated lands. The NOVs give the recipients 15 days to respond or face administrative civil liability.

7. **Compliance & Outreach – Pre-ACL Settlement Letters for Failure to Comply with 13260 Directives**

In June, ILRP staff mailed pre-Administrative Civil Liability (ACL) letters to 13 growers who did not respond to 13260 Directives or subsequent Notices of Violation. Eight growers responded to the pre-ACL letters; two did not respond; two letter recipients were found to have sold their property; and one pre-ACL letter will be resent owing to an initial wrong address. Staff plans to issue ACL Complaints to the two growers who did not respond.

8. **Compliance & Outreach – Letter to San Joaquin County & Delta Growers**

In May and June, ILRP staff used Geographic Information Systems and county tax assessor's parcel information to prepare a list of landowners with parcels that likely require coverage under the Waste Discharge Requirements General Order for Growers within the San Joaquin County & Delta Area (General Order). And in June, 2,970 landowners with a total of 190,100 acres of land were mailed an outreach letter informing them of new ILRP requirements under the General Order, and how they could join the Coalition or get more information.

Staff is working with the San Joaquin County & Delta Coalition representatives to determine landowner response to the outreach letters. Follow up outreach to these landowners is pending response results.

9. **Compliance & Outreach – Final Notice Letter to Western San Joaquin Watershed Growers**

On June 6th, ILRP staff mailed 302 final notice letters to landowners in the Western San Joaquin Watershed advising them to join the Westside San Joaquin River Watershed Coalition before the June 30th "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.

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

Since the last Executive Officer report, 8,818 outreach letters have been issued throughout the Tulare Lake Basin Area, bringing the total number of outreach letters issued in the Tulare Lake Basin Area to 27,375. Staff estimates another 1,000-2,000 letters will be issued in the upcoming months as open-enrollment outreach closes for the Third-parties in the Tulare Lake Basin Area.

11. Coalition Groups

a) California Rice Commission Coalition

On 29 May, the staff review of the 2013 Annual Monitoring Report was sent to the California Rice Commission. The staff review has been posted on the ILRP website. The review noted corrective actions should be taken to ensure complete QA/QC lab analyses were performed and reported.

b) East San Joaquin Water Quality Coalition

On 8 May, staff held the 22nd quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition’s Management Plan, performance goals and status of other activities in progress. The Coalition provided an update on the monitoring results and outreach in the subwatersheds that have active management plans.

On 12 May, Andrew Altevogt, Joe Karkoski, and Brett Stevens attended a meeting of the East San Joaquin Water Quality Coalition board in Modesto. The board members and growers attending the meeting expressed their concerns about the lack of fines issued to non-participating growers. Water Board staff provided a status report on enforcement efforts.

On 5 June, the East San Joaquin Water Quality Coalition (Coalition) requested approval to remove site specific constituents from the Coalition’s Management Plan and Management Plan Monitoring schedule. The request is under staff review.

On 6 June, the Executive Officer conditionally approved the East San Joaquin Water Quality Coalition’s (Coalition) 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 staff review took into account stakeholder comments received during the general Irrigated Lands Regulatory Program stakeholder meeting held on 26 February in Modesto. Outstanding issues must be addressed by 11 August for the GAR to be considered for final approval.

On 19 June, Pamela Creedon, Clay Rodgers, and Joe Karkoski met with representatives of the East San Joaquin Water Quality Coalition to discuss their response to the conditional approval of the GAR. Board staff agreed to meet with all interested Coalitions to discuss GAR expectations. The meeting will be held on 23 July in Modesto.

On 1 July, the East San Joaquin Water Quality Coalition (Coalition) submitted a summary of information reported by growers in the Farm Evaluations. As required by the Waste Discharge Requirements for the Eastern San Joaquin River Watershed, members within high vulnerability areas were required to complete and submit their Farm Evaluation describing management practices implemented during 2013. High vulnerability areas are the geographic regions with the Coalition area where there is a management plan due to surface or groundwater quality impairments or where the area has been determined to be highly vulnerable for groundwater in the Groundwater Assessment Report (GAR). Based on the existing surface water management plans and the tentative vulnerability designations as outlined in the GAR, 91% of all Coalition members, representing 95% of the enrolled acreage, are in the high vulnerability area.

c) Sacramento Valley Water Quality Coalition (SVWQC)

On 15 May, staff held a quarterly meeting with the Sacramento Valley Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition’s Management Plan, performance goals and status of other activities in progress.

On 16 May, staff met with the SVWQC to discuss a draft outline of their Groundwater Quality Assessment Report. Additional meetings to discuss the Coalition’s proposed approach are planned.

On 20 May, the SVWQC submitted a request for completion of their Lower Snake River Chlorpyrifos Management Plan. The request includes a discussion of several factors in support of the request. The request is under staff review.

On 30 June, the SVWQC submitted the fourth Annual Reports for the Pilot Watershed Management Practices Plans in the Napa and El Dorado Subwatershed areas.

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

On 9 June, the San Joaquin County and Delta Water Quality Coalition (Coalition) requested to remove certain constituents from its current Management Plan monitoring schedule. The request is under staff review.

On 16 June, staff prepared a review of the San Joaquin County and Delta Water Quality Coalition's 2013 and 2014 AMR. Staff combined the 2013 and 2014 into one review. The Coalition's AMRs satisfactorily met the conditions of the reporting requirements.

On 1 July, the San Joaquin County and Delta Water Quality Coalition submitted a dissolved oxygen and specific conductance Management Plan amendment request based on the Basin Plan criteria and it's Order. The Order excludes total dissolved solids monitoring. It is under staff review.

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

On 23 May 2014, Joe Karkoski, David Sholes, Nick Smaira, and Patrick Barnes met with Casey Creamer of the Kings River Water Quality Coalition and other coalition leads in the Tulare Lake Basin Area to discuss their proposed amendments to the Farm Evaluation Template.

On 23 May 2014, David Sholes, Brent Vanderburgh, and Patrick Barnes met with David DeGroot of the Tule Basin Water Quality Coalition to discuss the review of their Surface Water Monitoring Plan Outline. The letter containing the outline review was issued on 18 June 2014.

On 12 June 2014, Brent Vanderburgh, Eric Warren, Patrick Barnes, and Dean Hubbard attended a meeting with representatives of the Buena Vista Coalition at their offices in Buttonwillow, CA. Topics of discussion included an explanation of district surface water conveyance structures, district operational techniques, and presentation of preliminary data collected for the Groundwater Quality Assessment Report.

On 17 June, staff issued a Farm Evaluation template to the Cawelo Water District and Westside Water Quality Coalition for comment. The deadline to submit written comments to be considered prior to the Executive Officer providing the final template to the Third-Party Groups is 17 July 2014.

On 18 June, staff issued reviews of the Kaweah, Tule, and Kern coalition Surface Water Monitoring Plan (SWMP) outlines. Staff is scheduled to meet with the Coalitions on 11 July to discuss the review and development of the SWMPs. The deadline to submit the SWMPs is 4 August 2014.

f) **Fresno Office Staff Training and Outreach Meetings**

On 13 May, Eric Warren and Nick Smaira attended a Walnut Pruning Trial Field Day at Castle Farms in Atwater, CA. The demonstration was sponsored by the University of California Cooperative Extension and included the following topics: Pruning effects on crop output, canopy management, and herbicide demonstration plots examining the effectiveness of combining various common herbicides to reduce overall use.

On 9 June, Nick Smaira and Dean Hubbard attended an alfalfa pest and crop management meeting hosted by the San Joaquin Sustainable Farming Project in Dos Palos, CA. Topics of discussion included: Integrated Pest Management, vertebrate pest control, and drip irrigation in alfalfa.

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

On 12 June, the Westside San Joaquin River Watershed Coalition submitted its Groundwater Assessment Report outline as part of the Order requirements. The Coalition will prepare the Groundwater Assessment report by March 2015.

On 15 June, the Westside San Joaquin River Watershed Coalition submitted its semi-annual monitoring report covering the period September 2013 through February 2014. The report is under staff review.

On 19 May, the Executive Officer approved the Westside San Joaquin River Watershed Coalition's (Coalition) 3 April 2014 Turner Slough near Edminster Road monitoring site removal request. Parcels in

the Turner Slough drainage are enrolled in the Dairy Program and do not require coverage under the Irrigated Lands Regulatory Program. In its letter and supporting information, the Coalition provided sufficient evidence that no other parcels enrolled in the Coalition drain into the Turner Slough.

12. 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 acceptable condition through 15 June 2014 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).

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside San Joaquin Watershed Coalition data and the Sacramento Valley Water Quality Coalition collected between 2004 and 2008. 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 September of this year. The Sacramento Valley Coalition data is currently slated to be complete by mid-2015.

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. On 22 January 2014, Stakeholders were notified via email of the ILRP's intent to transition to new templates. A brief history and explanation of the transition was provided, as well as a schedule for future communications and updates to available resources and tools. A second email communication was issued 27 March 2014. A series of informational graphics comparing the current templates to the new templates was provided. Stakeholders were also informed about a delay in the availability of a critical online tool for the new templates. The next communication is planned for late July 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. Central Valley Water Board staff held a kick-off meeting with the Managed Wetlands Workgroup on 19 March 2014 with the primary objective to begin discussion of options for wetlands regulatory coverage. During the meeting, wetlands representatives provided background information about managed wetlands to clarify the basis of their concerns and asked staff to explain the Board's perspective for requiring regulatory coverage. The work group developed a preliminary list of desirable outcomes for a managed wetlands regulatory framework. The next meeting of the Managed Wetlands Workgroup is scheduled for 31 July.

c) **Prop 84 Grant Funding**

To date, sixty-two projects have been completed and invoiced. Fifteen 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**

The California Rice Commission initiated monitoring for thiobencarb on 6 May due to the late start for rice operations. Monitoring ended 8 July. No detections of thiobencarb (detection limit of 0.1 ppb) have been reported by the City of Sacramento or West Sacramento.

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 a 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). On 23 May 2014, the Central Valley Water Board solicited nominations for qualified scientists to serve as members of the Pesticide Evaluation Advisory Workgroup (Workgroup), which will draft a process for evaluating and identifying pesticides that may require monitoring in surface water. Coordination with the DPR has been arranged, and members of the Workgroup were selected on 18 June 2014. The list of Workgroup members and Information about the meetings is available online at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/new_waste_discharge_requirements/stakeholder_advisory_workgroup/index.shtml

f) **Fees**

Joe Karkoski attended a State Water Board sponsored stakeholder meeting on fees for the upcoming fiscal year. The State Water Board is not proposing any changes to the irrigated lands coalition fees at this time (the current fee is \$0.75 /acre).

GRANTS

1. **State Water Resources Control Board Proposition 84 Stormwater Grant Program**

The State Water Resources Control Board (State Water Board) approved funding for Low Impact Development (LID) stormwater implementation projects. A total of \$38.7 million in grant funds was awarded statewide with \$5,044,106 going to projects within the Central Valley Region. LID Projects funded in the Central Valley Region included the City of Visalia, City of Chico, and the City of Sacramento.

2. **State Water Resources Control Board Drought Response Outreach Program for Schools (DROPS)**

The State Water Board is developing a Drought Response Outreach Program for Schools (DROPS). DROPS will be focused on projects that address stormwater pollution 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. The Division of Financial Assistance (DFA) is conducting initial scoping and outreach with statewide educational associations to obtain input on structuring the program to best meet the needs of schools. Based on the input received, DFA will develop Program Guidelines (Guidelines) for State Water Board adoption in late summer of 2014. The Guidelines will establish program objectives, applicant and project eligibility, grant funding and match requirements, and project selection criteria. Draft Guidelines are anticipated in July, with tentative State Water Board adoption 19 August 2014. Grant solicitation would be from September through early January 2015. More information is available on the State Water Board website at: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/drops/index.shtml

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

On March 1, 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.

In an effort to distribute funds as quickly and efficiently as possible, the State Water Board will coordinate with the Regional Water Quality Control Boards, the California Department of Public Health district offices, the Office of Emergency Services, and other stakeholders (e.g. environmental justice groups, community assistance groups, etc.) to identify those disadvantaged communities that are most at-risk and would benefit from financial assistance.

For further funding information, eligibility requirements, and how to apply, please visit http://www.waterboards.ca.gov/water_issues/programs/grants_loans/caa/dw_droughtfund/index.shtml

GENERAL

1. **Demonstration Pilot Project for Biological Denitrification of Rural Community Groundwater**

The Executive Officer approved Resolution R5-2014-0400 in support of a request by the City of Delano for \$359,100 in Cleanup and Abatement Account funds to conduct an eight month biological denitrification pilot test at Paradise Colony in Tulare County. Paradise Colony is a small rural unincorporated community near the City of Lindsay, which consists of five homes and approximately 12 residents. Staff submitted a Cleanup and Abatement Account application for the Paradise Colony pilot project, which included Resolution R5-2014-0400, to the Division of Financial Assistance and is currently working with the Division's staff to have a draft funding resolution and staff report before the State Board no later than October 2014. If the funding resolution is approved, it is anticipated that a pilot unit could be delivered to the site for testing by April 2015. Nitrate impacts to Paradise Colony's groundwater supply typify the problems facing small rural disadvantaged communities in the Tulare Lake Basin in that its water system is a simple well and pressure tank configuration without any type of water treatment. One of the major advantages of biological treatment over other forms of nitrate removal is that it does not produce concentrated waste brine. If the remotely operated pilot demonstration is successful, a multitude of such drinking water treatment systems could potentially be deployed in small communities throughout the Region. Such a regional approach could lower both capital and operation and maintenance costs to individual communities. The Resolution in support of funding the pilot project can be found at:

http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/resolutions/r5-2014-0400_res.pdf

PUBLIC OUTREACH

On 15 April and 16 May Chris Foe gave presentations to the Delta Mercury Tributary Council and to a group of reservoir operators on the science behind Appendix A in the staff report for the Statewide Reservoir Mercury TMDL. Appendix A outlines evidence from the peer reviewed science that adding nutrients to oligotrophic reservoirs will increase primary production rates and decrease fish tissue mercury levels.

On 8 May, Holly Grover participated in the Westside Sac Integrated Regional Water Management Coordinating Committee Meeting. At this meeting, water supply projects were brought forward to discuss for submittal for CA DWRs drought solicitation funding.

On 15 May Tessa Fojut and Melissa Dekar attended the Central Valley Clean Water Agencies annual conference. Presentations were made on pyrethroid pesticides in wastewater effluents and regulatory affairs affecting publicly owned treatment facilities.

On 16 May Tessa Fojut and Melissa Dekar attended the State and Federal Contractors Clean Water Agency Day of Science in Sacramento. Presentations were made on pesticide detections in the Delta and advances in toxicity testing and biomarkers.

On 19 May, Holly Grover participated in a conference call of the Clear Lake Integrated Watershed Management Plan update. During this phone call, topics of interest for the update were discussed as well as specific projects.

On 20 May, Holly Grover participated in the Westside Sac Integrated Regional Water Management Coordinating Committee Meeting. At this meeting, drought related projects were brought forward and prioritized to submit for CA DWRs drought solicitation funding.

On 20 May, Jacqueline Matthews and Griffin Perea attended the 2014 Stakeholder Meeting held by the United States Forest Service in Anderson to discuss wildfire management and post-fire timber salvage operations on federal lands.

On 21 May Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted the Aerojet's discharges from its treatment systems under an NPDES permit, the differences between Regional Board and EPA cleanup criteria, implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. (AMM)

On 21 and 22 May, Central Valley Water Board staff hosted training on CEQA, NEPA, and permitting, as related to US Forest Service projects. The two-day training was advertised by the Water Boards Training Academy and included presentations from the US Army Corps of Engineers, Ken Bogdan with the State Board (CEQA/NEPA), and the following staff from the Central Valley Water Board: Sue McConnell (Integrated Report), Rich Muhl (Storm Water), Angela Wilson (Timber Harvest Waivers), and Trevor Cleak (401 Water Quality Certification).

On 23 May, Holly Grover participated in a field tour for a CWA 319(h) grant funded project, Middle Creek Watershed Road Stormproofing Project. This project has stormproofed 42 miles of USFS roads, significantly reducing sediment contributions to Clear Lake. This project will be completed by June 2015.

On 30 May, Janis Cooke attended a Yolo Bypass EIS/EIR Federal and State Agency Coordination Meeting. The Department of Water Resources (DWR) and the US Bureau of Reclamation (USBR) shared initial modeling results and provided possible alternatives for improving fish passage in the Yolo Bypass. DWR and USBR are lead agencies for the project, which is being planned to comply with the National Marine Fisheries Service Biological Opinion actions for endangered fish species in the Yolo Bypass and Delta.

On 9 June Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document Use and Measurement of Mass Flux and Mass Discharge (October

2010). This is the sixth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 188 people world-wide attended this training. (AMM)

On 11 June Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of five instructors for the 2.25 hour training on the ITRC document Integrated DNAPL Site Strategy (2012). This is the fifth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 154 people world-wide attended this training. (AMM)

On 17 June 2014, James Taylor participated in the former McClellan Air Force Base Restoration Advisory Board (RAB) meeting at the North Highlands Park and Recreation District Center in North Highlands, California. This is a public meeting where agencies inform the public of cleanup issues at Department of Defense facilities and enlist their comments. The main topics for the meeting were updates on the Air Force and Privatized cleanup projects scheduled for 2014 at McClellan and at the former Davis Transmitter Site. (JDT)

On 18 June, Dale Stultz, Scott Zaitz, Clint Snyder, and George Day participated in a full-scale hazardous materials exercise in the upper Sacramento River canyon at the Cantara Loop area of the Union Pacific Railroad tracks in southern Siskiyou County. The exercise involved the simulated release of an organophosphate pesticide to the ground surface and crude oil to the Sacramento River from a vehicle versus train accident at the Cantara Loop. Local and State agencies tested their capabilities under the incident command structure for responding to and mitigating a release of hazardous materials into waters of the State. Operations tested during this exercise included local reverse 911 notification of an emergency, local evacuation of nearby residents, deployment of the Siskiyou County "chem pack" for the persons contaminated by the pesticide, decontamination of persons in the exclusion zone, fast water booming techniques, and mitigation of a simulated crude-oil leak. Central Valley Water Board staff continues to coordinate with local and state agencies in planning and training for emergency responses to hazardous material release incidents.

On 18 June, Stacy Gotham attended the Paradise Irrigation District Board of Directors Meeting to answer questions regarding the District's NPDES permit. The NPDES permit regulates the discharge of filter backwash wastewater from the Paradise Water Treatment Plant to the Magalia Reservoir. The District is evaluating alternatives to discharging to surface water in order to come into compliance with final effluent limitations.

On June 23, Holly Grover participated in the Clear Lake Stakeholder Discussion Forum, which is an educational and informational venue for working together and collaborating on projects in Lake County. This meeting was dedicated to stakeholders choosing a priority project/issue to bring forward for future funding.

On 24 June, Shane Edmonds, Griffin Perea, and Guy Chetelat participated in the Battle Creek Working Group fine sediment field trip organized by the Battle Creek Conservancy. The group, which included watershed residents, timber company representatives, County representatives and multiple fish and water agencies, viewed and discussed options for numerous road sites with problematic sediment discharge to Battle Creek.

On 25 June Chris Foe attended the San Francisco Bay Nutrient Management Steering Committee meeting in Oakland California.

On June 25, Doug Patteson and Doug Wachtell attended an Oil and Gas Workgroup meeting in Bakersfield to discuss recent developments in the Central Valley Water Board's oil and gas program with representatives of the industry and other State and federal agencies.

On 2 July, Danny McClure attended the State Water Board adoption hearing for the Central Coast Region's TMDL for Pesticides and Toxicity in the Santa Maria River. Danny answered Board member questions on the development of the UC Davis Criteria developed for the Central Valley Water Board and the Central Coast Water Board used in this TMDL for pyrethroids and malathion. Danny also answered question on the status of the Central Valley's Pyrethroid TMDL/Basin Plan project. The Santa Maria River TMDL was unanimously approved by the State Water Board, which also included direction to the Central Coast Regional Board to re-visit the targets for pyrethroid pesticides upon the completion of the Central Valley Water Board's Pyrethroid TMDL and Basin Plan Amendment.

PERSONNEL AND ADMINISTRATION

**STAFFING UPDATE
May 8, 2014 – June 30, 2014**

Promotions:

Linda Bracamonte – SSM II

Leave of Absence:

None

Return from LOA:

Katie Connaughton – Water Resources Control Engineer

222.7 Permanent Staff

10 Vacant Positions

Separations:

Robert Cevantes – Water Resources Control Engineer

Mark Cady – Environmental Scientist

New Hires:

Rene Leclere – Engineering Geologist

William Bergmann – Engineering Geologist

Keri Yee – Staff Services Analyst

Temporary Help Positions

Separations	New Hires
Bao Vang – SA	Julia Hooten – SA
Holly Timmons – SA	Kelly Martin – SA
Jeff Troupe – SA	Carlos Cervantez – SA
Aimee Munch – SC	Kat Taylor – SA
Rameshwor Kaphle – SA	Graciela Balboa - SC
Joey Sisk - SA	

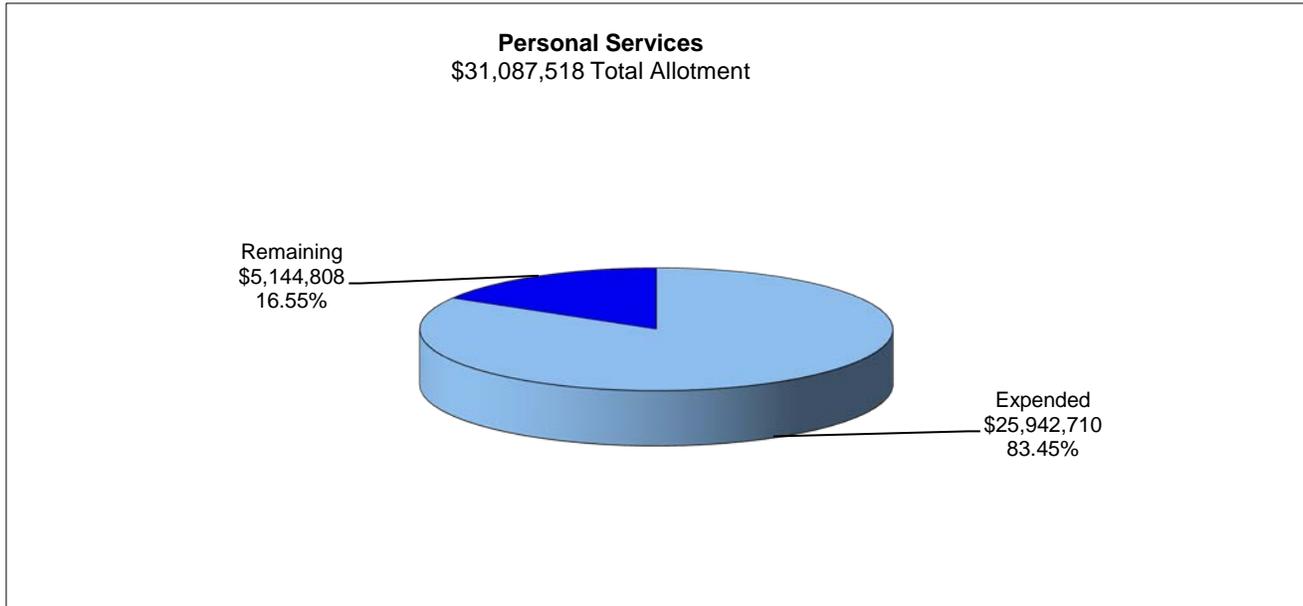
**TRAINING UPDATE
May 8, 2014 – June 30, 2014**

Class Title	Number of Attendees
1st Annual Day of SFCWA Science	1
Achieving a New Normal in California Landscapes	1
Defensive Drivers Training	12
Environmental Geochemistry, Mineralogy, and Microbiology of Arsenic	1
Field Safety Training	3
Financial Assurances-Closure, Post-Closure & Corrective Action	18
International Salinity Forum 2014	1
Mitigating Vapors and Minimizing Legal Liabilities from Vapor Intrusion	1
Natural Resource Damage Assessment (NRDA) 101	5
Permitting/CEQA/Nepa for Forest Service Projects	5
Procurement Training	3
Science Synthesis Seminar: Emerging Techniques/Bay-Delta	2
Security Awareness Training 2014	77
Sierra Water Work Group 2014 Summit	1
Stormwater Chemistry Principles and Applications	6
The Role Leader	1
Vapor Intrusion: Lessons Learned from 4 Years of Intensive Monitoring	1

FISCAL UPDATE
Expenditures through May 2014
(92% should have been expended to date)

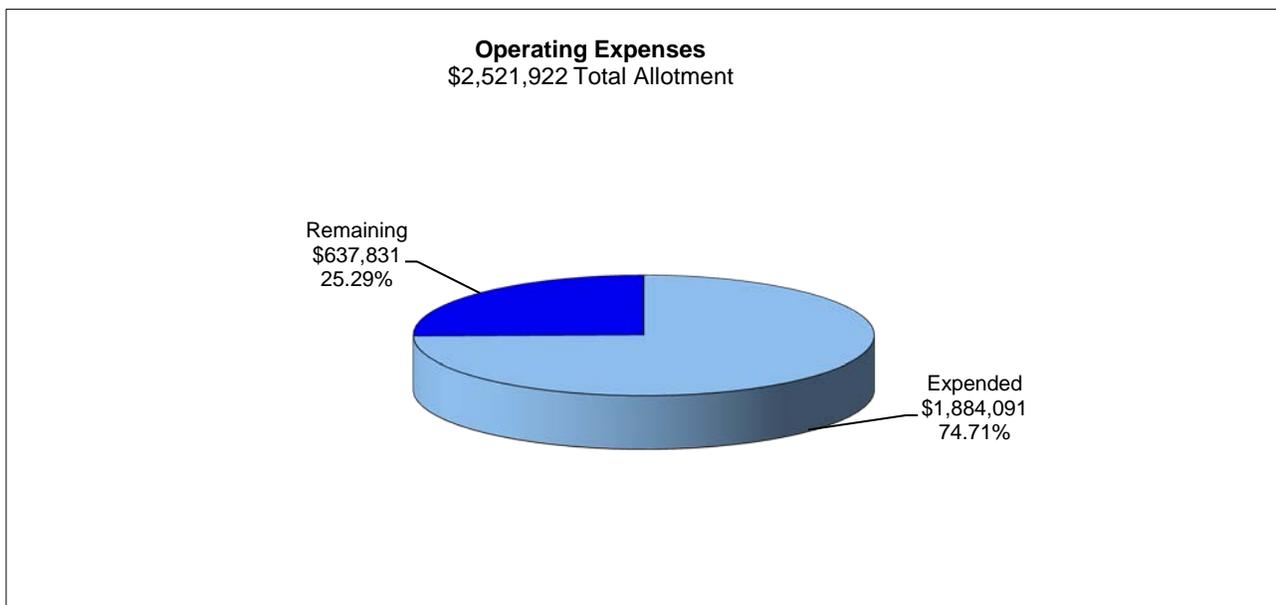
Personal Services:

Our Personal Services budget for the 2013/14 Fiscal Year is \$31,087,518. At our current rate of expenditure, there will be a significant savings in personal services.



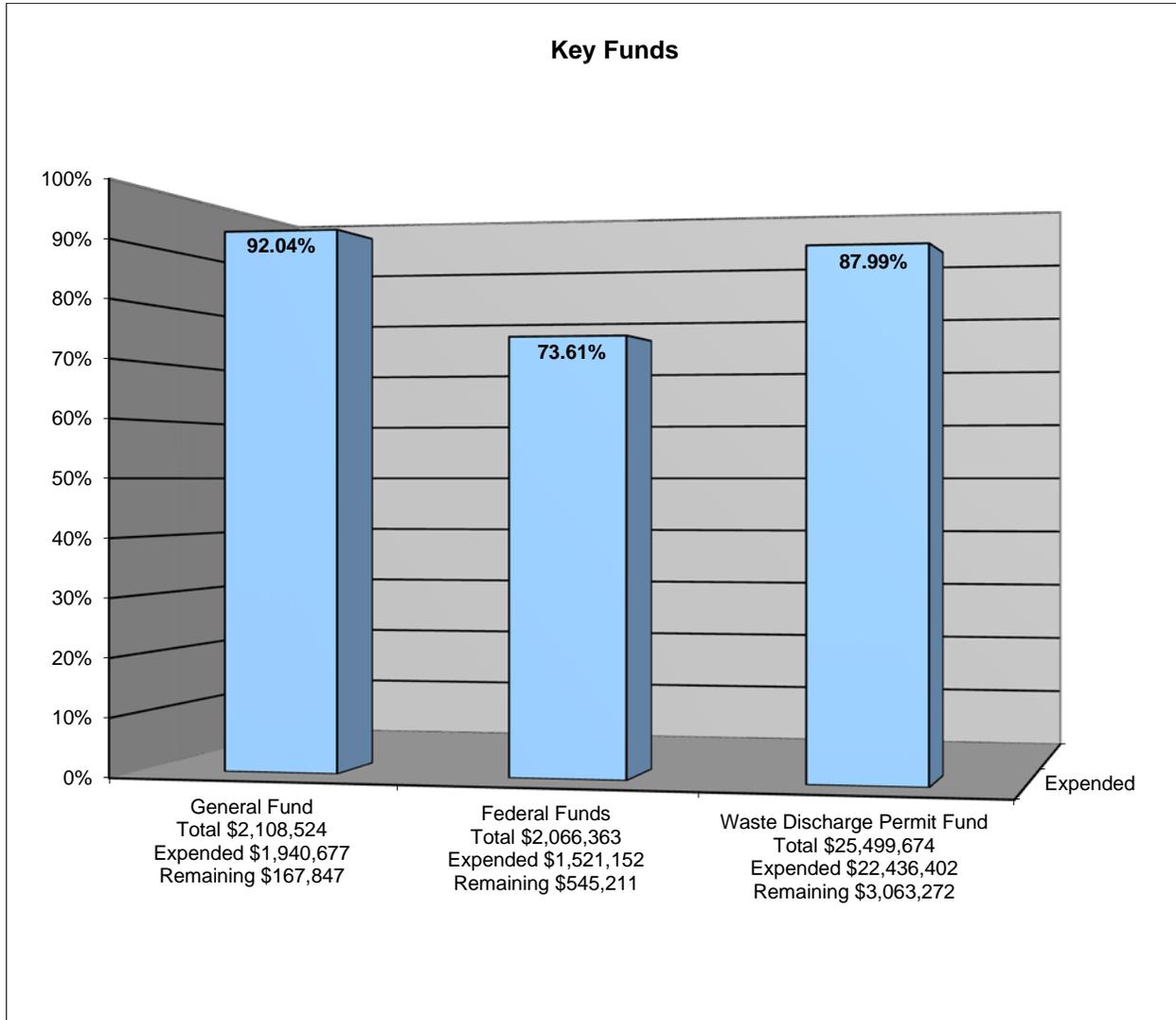
Operating Expenses:

Our Operating Expense budget for the 2013/14 Fiscal Year is \$2,521,922. We anticipate that we will fully expend these funds.



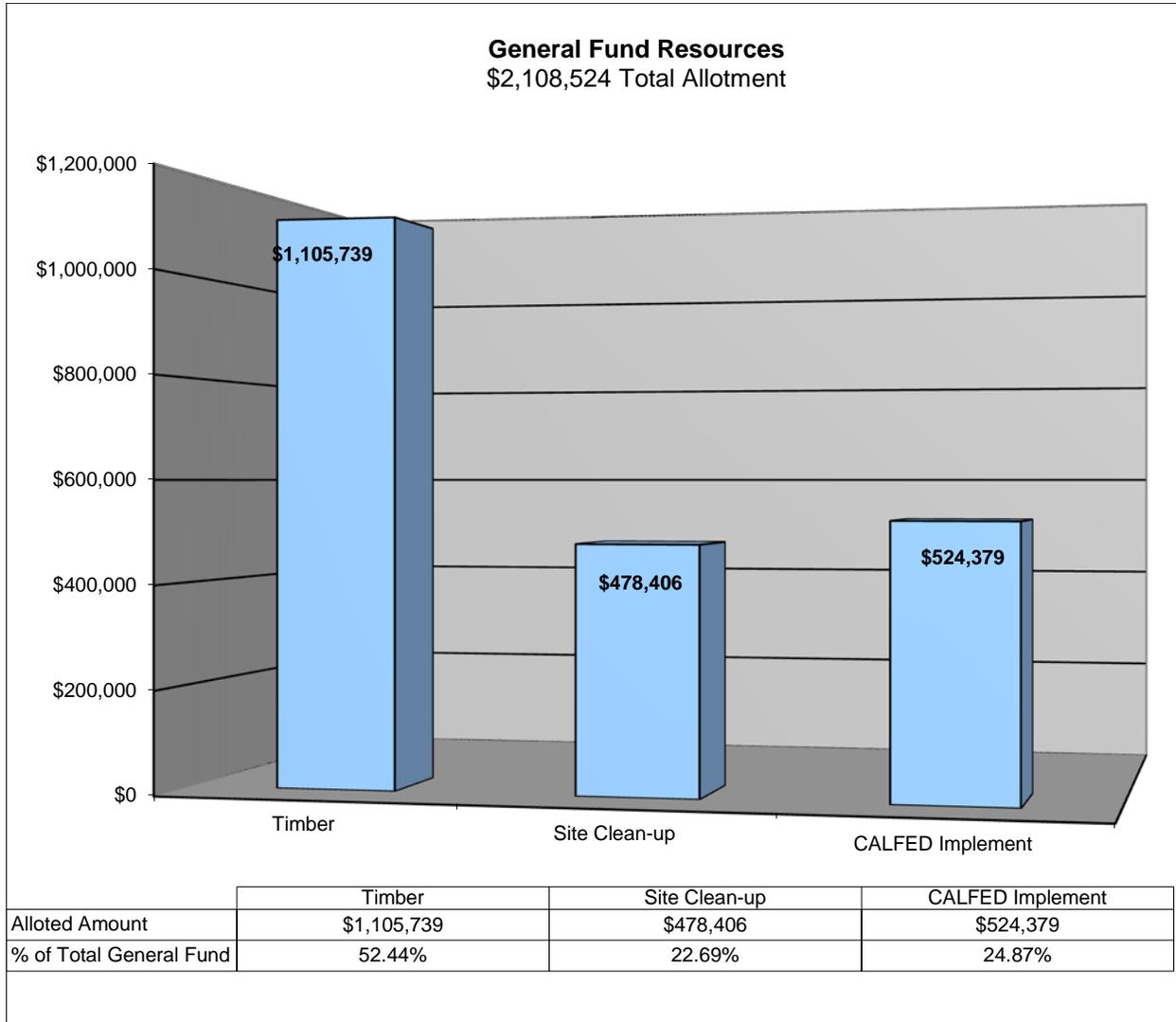
Key Fund Issues:

All key funds are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2013/14 Fiscal Year is \$2,108,524.



FUTURE BOARD ACTIVITIES

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

OCTOBER 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Stallion Springs Permit Renewal
- City of Woodland Permit Renewal
- Tehama Co./Mineral WWTP Permit Renewal
- Sierra Pine Ltd. – Ampine Division Permit Amendment
- 16 to 1 Mine Permit Issuance

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- E&J Gallo Fresno Winery (Revised WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)
- Del Monte, Plant 24 (Revised WDRs)
- Carruthers WWTF (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Musco Olive (Revised WDRs)
- Highway 59 Landfill (Revised WDRs)
- Zenda Mine (Revised WDRs)

STORM WATER PROGRAM – PERMITTING

- Port of Stockton Storm Water Management Plan Approval
- Port of Stockton Permit Modification
- City of Stockton/ San Joaquin County Development Standards Manual Approval

DECEMBER 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Bear Valley CSD WWTF Renewal
- Malaga CWD Permit Renewal
- Concentrated Aquatic Animal Production General NPDES Permit Renewal
- City of Manteca WQCF Permit Renewal
- SPI-Burney Permit Renewal
- J.F. Shea/Fawndale Rock and Asphalt Permit Rescission
- Stimpel-Wiebelhaus Associates/Mountain Gate Limestone Quarry Permit Rescission
- Lehigh Southwest Cement Co./Mountain Gate Permit Rescission
- UC Davis Main Wastewater Treatment Plant Permit Renewal
- United Auburn Indian Community Time Schedule Order
- General Electric Permit Renewal, Merced County

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)
- Valley Rock Products (New WDRs)
- Shasta Renewable Energy (New WDRs)
- Gateway Village (Revised WDRs)

- Paramount Farms, Kings Facility (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- Small Food Processors and Wineries (Waiver Renewal)
- City of Huron Wastewater Treatment Facility (Revised WDRs)
- Paramount Farms Kings Facility (Revised WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

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

STORM WATER PROGRAM – PERMITTING

- Sacramento Hydromodification Management Plan Approval

FEBRUARY 2015 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Manteca Sewage Treatment Plant Permit Renewal

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- Sierra Pacific Industries-Quincy Permit Renewal
- Nevada County Wildwood Permit Renewal
- Nevada County Cascade Shores Permit Renewal
- Nevada County Lake of the Pines Permit Renewal
- Sliger Mine Permit Renewal
- Lazarus Mining LLC –Telegraph, Dutch, and Klondike adit discharges – Permit Renewal
- Collins Pine Company, Chester Sawmill Permit Renewal
- City of Turlock Wastewater Treatment Plant Permit Renewal
- City of Sacramento Combined Wastewater Control System Permit Renewal
- Crystal Creek Aggregate Inc. Permit Renewal
- Dicalite Minerals Corp. Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- City of Livingston Wastewater Treatment Facility (Revised WDRs)
- Exeter Dehydrator (Revised WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- City of Farmersville (Revised WDRs)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- City of Lathrop, Lathrop Consolidated WWTF (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)
- Keenan Farms Pistachio Plant (Revised WDRs)
- Monarch Nut Company (Revised WDRs)
- Granite Construction Oroville Facility (New WDRs)
- Crystal Creek Aggregate (New WDRs)
- Palo Cedro STP (Revised WDRs)
- McArthur Burney Falls State Park (Revised WDRs)
- Bully Hill Rising Star Mines (New WDRs)
- Spanish Mine (New WDRs)
- Aetna Springs Resort (Revised WDRs)
- Sutter Home Winery (Revised WDRs)
- Sacramento Rendering Co. (Revised WDRs)
- UC Davis Center for Aquatic Biology (New WDRs replacing NPDES permit)

- Bear Creek Winery (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Rio Alto Water District (New WDRs replacing NPDES Permit)
- Mendota, City of (Revised WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

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

CONFINED ANIMAL PROGRAM

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

Storm Water Program - Permitting

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

SIGNIFICANT POLICIES, PLANS AND PERMITS UNDER DEVELOPMENT OR PENDING DEVELOPMENT

Key	Item	Status	Statewide or Regional Project	Org. Lead
*A	Antidegradation Policy	2014-07-21 State Water Board staff is considering preparation of an Implementation Plan Appendix to the existing Antidegradation 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 discussion papers, and work on the framework for the Implementation Plan. A white paper, scoping document and timeline are expected to be completed in September 2014 and presented for comment at additional focused stakeholder group meetings.	Statewide	SB
A-14	Aquatic Pesticide General Permit – Vector Control	2014-07-21 On July 2, 2015, the State Water Board amended the Statewide Vector Control Permit to: (1) add deltamethrin and lambda-cyhalothrin to the list of active ingredients in the permit; (2) provide the receiving water monitoring triggers for these two active ingredients in the permit; (3) include language that allows adulticides and larvicides that are newly-registered in California, but are based on active ingredients that are currently registered by the Department of Pesticide Regulation and are listed in the permit to be used for vector control without having to further amend the permit; and (4) revise the basis of the receiving water monitoring trigger for permethrin. The amendments became effective on the date of adoption.	Statewide	SB
A-15	Bacteria Standards for Ocean and Inland Surface Waters	2014-07-21 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. Public release of draft documents is targeted for spring 2015.	Statewide	SB
A-15	Biological Integrity Plan Development	2014-06-18 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. Some technical questions were raised during these meetings. The technical team is meeting on June 25th to address the questions. Staff expect to have draft policy language completed by the end of 2014.	Statewide	SB
A-15	Cadmium Objective and Hardness Implementation Policy	2014-07-21 In response to a Jeopardy Biological Opinion by the National Marine Fisheries Service on USEPA's 304(a) recommended acute aquatic life cadmium criterion in the state of Oregon, USEPA's Office of Water is updating its national cadmium criteria. Currently, staff are trying to discern EPA's publication timeline and determine the stringency of the new criteria as they are developed. In light of significant questions about the statistical accuracy of the Emerick method, hardness implementation procedures are being reconsidered, and may not be included with the cadmium project, especially given the possibility of delays from EPA.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Composting Operations Statewide General Order	2014-06-25 Staff has completed the Draft Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with CalRecycle and Air Resources Board. Staff plan to have the draft EIR and proposed Order available for public release in August 2014.	Statewide	SB
A-14	Draft WQCP update for San Joaquin River flows and southern Delta salinity objectives	2014-06-13 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	General Waste Discharge Requirements for the use of Recycled Water	COMPLETED. ADOPTED BY THE STATE BOARD ON JUNE 3, 2014 The State Water Board adopted Statewide General Order for Recycled Water Use on June 3, 2014. The General Order will be used to streamline permitting for all title 22 compliant uses of recycled water, except for groundwater replenishment activities. Recycled water covered under this General Order is primarily treated municipal wastewater and may be used for agricultural irrigation, urban landscaping, dust suppression, and other non-potable uses.	Statewide	SB
A	Grazing	2014-07-18 The Water Boards have 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 and a fact sheet. Some outreach to stakeholders such as the USFS, BLM, NRCS, CalFire and the CCA has begun. The work team is now planning for State Water Board member briefings in advance of Focused Stakeholder Listening (FSL) sessions scheduled to start later this summer, as well as preparing for the FSL sessions. Website: http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml	Statewide	R6
P	Listing Policy Update (Sediment Quality Objectives)	2014-03-03 CEQA Scoping Meeting held on March 29, 2010. On hold until the Human Health SQO Assessment frame work is completed and adopted.	Statewide	SB
P	Mercury Offset Policy	2014-06-30 Suspended indefinitely. A partial economic analysis was received from the contractor. This project is pending management prioritization.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Mercury TMDL (Reservoirs)	2014-05-30 Staff from Regions 2 and 5 is developing a TMDL and implementation plan to address 74 reservoirs around the state that are impaired by mercury. 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 load and waste allocations. In addition, 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. The framework document is being integrated with the statewide methylmercury objectives project. Focused stakeholder group meetings are being held in 2014. To date, staff has met with the reservoir operators on March 17 and May 16, 2014.	Statewide	R5
A	Methylmercury Objectives	2014-07-21 Staff is preparing draft regulatory language and a draft staff report and coordinating on efforts to develop a statewide mercury TMDL. The draft staff report and the draft regulatory language are expected to be sent to peer review in September 2014. Focus group meetings began in June 2014 and will continue into September 2014.	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	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2014-04-30 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated to preclude the use of prohibitions of waste discharge for addressing NPS discharges for those land uses (e.g.; irrigated lands) already covered under other regulatory mechanisms (e.g.; waivers of waste discharge requirements) for which discharger enrollment fees are being assessed. Staff anticipates releasing a Draft of the NPS Policy amendments in Summer 2014.	Statewide	SB
A	Nutrient Numeric Endpoints Tools	2014-05-01 Staff is currently 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-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

Key	Item	Status	Statewide or Regional Project	Org. Lead
*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-15	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II*	2014-07-11 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. Staff anticipates release of the draft SQO amendments and substitute environmental document in July 2016.	Statewide	SB
A-14	Statewide NPDES Permit for Discharges from Drinking Water Systems	2014-07-18 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, and 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 distribution systems, and unexpected discharges due to pipe breaks and emergencies. On June 6, 2014, a draft permit package was issued for a 30-day public comment period. Due to increased stakeholder input, the public comment due date has been extended to August 19, 2014. The State Water Board will hold a public hearing on this matter on August 5, 2014; the State Water Board will subsequently consider adoption of the draft permitting documents on September 23, 2014. State Water Board staff has continued conducting one-on-one outreach and stakeholder meetings throughout the State.	Statewide	SB
A	Statewide Storm Water Construction General Permit Reissuance	2014-06-20 State Water Board staff are in the initial stages of preparing a draft permit for the reissuance of the existing Construction General [Storm Water] Permit. 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

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Timber Activities on National Forest System Lands	2014-06-25 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
P	Timber Activities on Non-federal Lands	2014-03-04 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
A-14	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2014-07-21 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 fall 2014. An adoption meeting is anticipated for late 2014.	Statewide	SB
A-14	Trash WQC Plan Amendments	2014-07-23 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. Several comments and questions were raised during the workshop, staff is working with stakeholders to clarify questions. A Public Hearing is scheduled on August 5, 2014. The Comment Deadline is August 5, 2014 by 12 noon.	Statewide	SB
A-14	Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems (97-10 update)	2014-06-25 The Draft Small Domestic Wastewater Treatment Systems General Order (General Order) was released for a 30-day public comment period starting on June 25, 2014. This item is scheduled for the September 23, 2014 State Water Board meeting.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Wetland Area Protection and Dredge and Fill Permitting Policy – Phase I	2014-05-01 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	Federal Land Management Agency Sites Memorandum of Understanding	2013-04-26 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
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	2013-05-29 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	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.	2014-07-22 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	Statewide	R5
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2014-07-09 Regional Board completed CEQA Scoping meeting in July 2009. A summary report on OC pesticides is scheduled to be completed by October 2014.	Statewide	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
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	2014-07-22 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.	Statewide	R5
A-14	Basin Plan Amendment – Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs	2014-07-22 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	General Order for Poultry Facilities	2014-05-21 General Order for poultry raising and egg laying facilities. May include tiered requirements depending on types of waste management practices used at facility.	Statewide	R5
P	New winery waste guidelines	2013-04-26 Industry recommendations will be reviewed by CVSALTS Management Practices Subcommittee	Statewide	R5
A-14	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2014-05-23 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 2014.	Statewide	R5
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2013-04-26 Industry recommendations will be reviewed by CVSALTS Management Practices Subcommittee	Statewide	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Template for individual WDRs for new and expanding dairies	2014-05-21 Under development	Statewide	R5
A-15	Central Valley Diuron Basin Plan Amendment	2014-07-09 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Spring 2015, Board Hearing by December 2015.	Statewide	R5
A-15	Central Valley Pyrethroids Basin Plan Amenemdment	2014-07-09 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in Fall 2014, Board Hearing in June 2015.	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).	Statewide	R5
A-15	Region-wide General Order for MS4s	2014-07-18 Stakeholder Working Group meetings ongoing, latest 18 June 2014.	Statewide	R5
Legend				
A = Active		A-## = Active-Target Year for Completion		
P = Pending		*A=Priority Project for State State Board		

ATTACHMENT A – Sanitary Sewer Spills – Summary Report
 Count of Spills 15 April through June 2014

Count of Spills	5F				5R				5S				Grand Total
	Category 1	Category 2	Category 3	5F Total	Category 1	Category 2	Category 3	5R Total	Category 1	Category 2	Category 3	5S Total	
Start Date													
April (15th - 30th)	0	0	6	6	0	0	2	2	3	1	68	72	80
May	1	0	8	9	1	0	0	1	5	0	129	134	144
June	0	2	3	5	0	0	0	0	2	1	18	21	26
Grand Total	1	2	17	20	1	0	2	3	10	2	215	227	250

Spill Cause	Count of Spills	%
Root Intrusion	119	48%
Debris-General	48	19%
Grease Deposition (FOG)	22	9%
Debris-Rags	13	5%
Pipe Structural Problem/Failure	13	5%
Other	9	4%
Operator Error	7	3%
Vandalism	6	2%
Debris from Lateral	5	2%
Pump Station Failure-Power	2	1%
Pipe Structural Problem/Failure - Installation	1	0%
Debris from Construction	1	0%
Pump Station Failure-Mechanical	1	0%
CS Maintenance Caused Spill/Damage	1	0%
Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure	1	0%
Pump Station Failure-Controls	1	0%
Grand Total	250	100%

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

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

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

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

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

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Start Date	Spill Cause
5F	Huron City CS	806891	Certified	Category 2	9th St LS	Fresno	No	6/8/2014	Pump Station Failure-Power
5R	City Of Oroville CS	805939	Certified	Category 1	Olive Glen Lift Station	Butte	Yes	5/2/2014	Other (specify below)
5F	Lamont PUD CS	807444	Certified	Category 2	10,700 block of San Emedio Street, Lamont CA 93241	Kern	No	6/16/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	806291	Certified	Category 1	112873	Sacramento	Yes	5/20/2014	Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure
5S	Sacramento Area Sewer District CS	805495	Certified	Category 1	109915	Sacramento	Yes	4/15/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	806446	Certified	Category 1	113431	Sacramento	Yes	5/26/2014	Debris-Rags
5F	Mariposa PUD CS	806322	Certified	Category 1	Highway 140 &49 South	Mariposa	Yes	5/22/2014	Root Intrusion
5S	Rancho Murieta Community Service District CS	805633	Certified	Category 2	6543 Via De Robles Dr	Sacramento	No	4/21/2014	Root Intrusion
5S	Modesto CS	806840	Certified	Category 2	2648 Laramie Dr	Stanislaus	No	6/5/2014	Debris-General
5S	Sacramento Area Sewer District CS	805889	Certified	Category 1	111424	Sacramento	Yes	5/1/2014	Root Intrusion
5S	Rancho Murieta Community Service District CS	806204	Certified	Category 3	Behind 7029 Lindero	Sacramento	No	5/19/2014	Debris-Rags
5F	MD-19A Parkwood CS	805840	Certified	Category 3	27120 San Jose	Madera	No	5/1/2014	Pump Station Failure-Mechanical
5S	Deer Creek CS	807050	Certified	Category 3	DC-2014-06-04	El Dorado	No	6/3/2014	Debris-General
5S	El Dorado Hills CS	807049	Certified	Category 3	DC-2014-06-04	El Dorado	No	6/3/2014	Debris-General
5F	Huron City CS	806378	Certified	Category 3	City of Huron Wastewater Treatment Facility	Fresno	No	5/20/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	805954	Certified	Category 3	111112	Sacramento	No	4/26/2014	Debris-General
5S	Murphys CS	806022	Certified	Category 3	HWY 4, Tom Bell rd	Calaveras	No	5/9/2014	Grease Deposition (FOG)
5S	Preston Youth Correctional CS	807048	Certified	Category 3	Preston Youth Authority	Amador	No	6/14/2014	Root Intrusion
5S	Grass Valley City CS	805564	Certified	Category 1	Pine Street 409	Nevada	Yes	4/18/2014	Debris-General
5S	Sacramento Area Sewer District CS	807397	Certified	Category 3	112966	Sacramento	No	5/20/2014	Grease deposition (FOG)
5S	Hammonton Gold Village CS	806974	Certified	Category 3	Gold Village Sewer Lift Station	Yuba	No	6/11/2014	Pipe Structural Problem/Failure
5S	Folsom State Prison CS	806841	Certified	Category 3	folsom womans facility	Sacramento	No	6/8/2014	Debris-Rags
5S	Williams CS	807446	Certified	Category 3	North Street	Colusa	No	6/21/2014	Grease Deposition (FOG)
5S	Hangtown Creek CS	807211	Certified	Category 1	3128 Cedar Ravine Road	El Dorado	Yes	6/19/2014	Pipe Structural Problem/Failure
5S	California State Prison, Sacramento CS	806497	Certified	Category 3	California State Prison Sacramento	Sacramento	No	5/28/2014	Debris-Rags
5S	Southeast Regional Waste Disp Fac CS	807223	Certified	Category 3	15977 38th Ave, Clearlake, CA 95422	Lake	No	6/25/2014	Debris from Lateral
5S	Middletown Regional Waste Disp Fac CS	805743	Certified	Category 3	21450 Valley Oak dr. , Middletown	Lake	No	4/26/2014	Debris-General
5F	Cedar Grove CS	805848	Certified	Category 3	Cedar Grove Air Relief	Fresno	No	5/1/2014	Other (specify below)
5F	Tulare CS	806141	Certified	Category 3	1410 East Sierra st Tulare CA 93274	Tulare	No	5/2/2014	Pipe Structural Problem/Failure
5S	Southeast Regional Waste Disp Fac CS	807070	Certified	Category 3	Austin RD & Cottonwood St, Clearlake, CA 95422	Lake	No	6/17/2014	Debris-General
5S	City of Stockton MUD CS	806308	Certified	Category 3	613 E. Yorkshire Dr.	San Joaquin	No	5/20/2014	Debris-General
5F	Atwater CS	807208	Certified	Category 3	Palora	Merced	No	6/24/2014	Pump Station Failure-Power
5F	City of Fresno CS	807434	Certified	Category 3	4026 E. Holland	Fresno	No	5/3/2014	Root Intrusion
5S	Kirkwood Meadows CS	806579	Certified	Category 1	East Meadows Lift Station	Alpine	Yes	5/30/2014	Pump Station Failure-Controls
5F	Yettem / Seville CS	807247	Certified	Category 3	Yettem Sewer Lift Station	Tulare	No	5/30/2014	Other (specify below)
5S	Angels Camp CS	806893	Certified	Category 3	Rasberry & Summit	Calaveras	No	6/9/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	807264	Certified	Category 3	111563	Sacramento	No	5/3/2014	Root intrusion
5S	City of Woodland CS	806535	Certified	Category 3	224 Schuerle St.	Yolo	No	5/15/2014	Debris-General
5S	UC Davis Health System CS	805897	Certified	Category 1	UC Davis Medical Center - Bldg 34	Sacramento	Yes	5/1/2014	Root Intrusion
5F	Atwater CS	807207	Certified	Category 3	Fruitland	Merced	No	6/23/2014	CS Maintenance Caused Spill/Damage
5S	Deer Creek CS	805567	Certified	Category 3	DC-2014-04-03	El Dorado	No	4/19/2014	Debris-Rags
5F	Clover Creek CS	806495	Certified	Category 3	Upper Lodgepole Campground SSO May 2014	Tulare	No	5/27/2014	Debris from Construction
5F	Cedar Grove CS	806589	Certified	Category 3	Cedar Grove Sheep Creek Campground Site #15 Manhole	Fresno	No	6/1/2014	Debris-General
5S	Sacramento Area Sewer District CS	806086	Certified	Category 3	111199	Sacramento	No	4/26/2014	Debris-General
5S	Sacramento Area Sewer District CS	807271	Certified	Category 3	112789	Sacramento	No	5/16/2014	Vandalism
5S	Sacramento Area Sewer District CS	807367	Certified	Category 3	112023	Sacramento	No	5/9/2014	Root intrusion
5F	Tuolumne Utilities District CS	805499	Certified	Category 3	MH on easement above 321 Live Oak Terrace	Tuolumne	No	4/16/2014	Root Intrusion
5S	Yuba City CS	805984	Certified	Category 3	770 Orange Street	Sutter	No	5/5/2014	Debris-General
5S	City of Stockton MUD CS	806269	Certified	Category 3	2727 Pixie Dr.	San Joaquin	No	5/19/2014	Debris-General

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Start Date	Spill Cause
5F	Reedley, City Of CS	805748	Certified	Category 3	1301 I Street	Fresno	No	4/21/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807394	Certified	Category 3	112616	Sacramento	No	5/16/2014	Debris-General
5S	Hangtown Creek CS	806780	Certified	Category 3	2960 Weswin Ct., Placerville, Ca.	El Dorado	No	6/1/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	807369	Certified	Category 3	112075	Sacramento	No	5/8/2014	Root intrusion
5S	Discovery Bay CS	807232	Certified	Category 1	1900 Willow Lake Drive	Contra Costa	Yes	6/25/2014	Other (specify below)
5F	Wasco State Prison CS	805909	Certified	Category 3	Wasco State Prison-Reception Center	Kern	No	4/15/2014	Debris-Rags
5S	Grass Valley City CS	805980	Certified	Category 3	Bennett 337	Nevada	No	5/5/2014	Debris-Rags
5F	SA-2 Bass Lake CS	805715	Certified	Category 3	53927 Northshore	Madera	No	4/18/2014	Grease Deposition (FOG)
5S	City Of Auburn CS	805991	Certified	Category 3	628 Auburn Ravine SSO	Placer	No	4/19/2014	Root Intrusion
5S	City of Stockton MUD CS	806036	Certified	Category 3	646 W. Vine St.	San Joaquin	No	5/10/2014	Debris-General
5S	Sacramento Area Sewer District CS	807389	Certified	Category 3	112549	Sacramento	No	5/14/2014	Debris-General
5S	Sacramento Area Sewer District CS	807353	Certified	Category 3	111611	Sacramento	No	5/5/2014	Pipe Structural Problem/Failure
5S	City of Stockton MUD CS	806588	Certified	Category 3	6535 Ector Wy Stockton Ca	San Joaquin	No	5/30/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807392	Certified	Category 3	112597	Sacramento	No	5/15/2014	Root intrusion
5S	Easterly CS	805555	Certified	Category 3	712 W.Monte Vista	Solano	No	4/18/2014	Root Intrusion
5R	Redding City CS	805983	Certified	Category 3	Manhole L7-19, located in South St R-O-W near 925 South St	Shasta	No	4/16/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	805863	Certified	Category 3	110331	Sacramento	No	4/16/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806266	Certified	Category 3	110685	Sacramento	No	4/19/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807391	Certified	Category 3	112563	Sacramento	No	5/15/2014	Root intrusion
5S	City Of Antioch CS	807327	Certified	Category 3	17 Clearbrook Rd	Contra Costa	No	5/21/2014	Grease Deposition (FOG)
5F	City Of Bakersfield CS	805751	Certified	Category 3	30th St - W/O F St	Kern	No	4/26/2014	Grease Deposition (FOG)
5R	Anderson CS	805749	Certified	Category 3	Manhole E505M 2935 Redbud Lane Anderson Ca.96007	Shasta	No	4/25/2014	Grease Deposition (FOG)
5S	City Of Antioch CS	807080	Certified	Category 3	223 W 7th Street	Contra Costa	No	5/7/2014	Debris from Lateral
5S	City of Stockton MUD CS	806002	Certified	Category 3	5953 Brush Creek Dr.	San Joaquin	No	5/8/2014	Debris-General
5S	Kirkwood Meadows CS	806252	Certified	Category 3	Kirkwood Inn / Cross Country Center	El Dorado	No	4/17/2014	Debris from Lateral
5S	Sacramento Area Sewer District CS	807357	Certified	Category 3	111785	Sacramento	No	5/6/2014	Debris-General
5F	Ford City-Taft Heights CS	806345	Certified	Category 3	405 Harrison, Taft, CA	Kern	No	5/18/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807376	Certified	Category 3	112172	Sacramento	No	5/12/2014	Grease deposition (FOG)
5S	SMD No. 1 CS	806976	Certified	Category 3	1752 The Point, Auburn, CA	Placer	No	6/3/2014	Pipe Structural Problem/Failure
5S	Angels Camp CS	807255	Certified	Category 3	1563 S. Main	Calaveras	No	6/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807356	Certified	Category 3	111780	Sacramento	No	5/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807384	Certified	Category 3	112329	Sacramento	No	5/13/2014	Root intrusion
5S	City of Sacramento Utilities CS	806039	Certified	Category 3	641 45th STREET, SACRAMENTO, CA	Sacramento	No	5/11/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806928	Certified	Category 3	114025	Sacramento	No	5/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	805950	Certified	Category 3	110364	Sacramento	No	4/20/2014	Vandalism
5S	Discovery Bay CS	805596	Certified	Category 1	Clubhouse & Prestwick Drive Discovery Bay Ca. 94505	Contra Costa	Yes	4/22/2014	Debris-General
5F	Kern Valley State Prison CS	805764	Certified	Category 3	Rear of Facility B, Building 7	Kern	No	4/27/2014	Debris from Lateral
5S	City of Stockton MUD CS	805731	Certified	Category 3	5073 Gadwall Cir.	San Joaquin	No	4/23/2014	Debris-General
5S	Sacramento Area Sewer District CS	805862	Certified	Category 3	110258	Sacramento	No	4/17/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805948	Certified	Category 3	110358	Sacramento	No	4/18/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805963	Certified	Category 3	111227	Sacramento	No	4/29/2014	Root Intrusion
5S	Manteca CS	806796	Certified	Category 3	1071 N. Main	San Joaquin	No	5/5/2014	Debris-General
5S	Sacramento Area Sewer District CS	806450	Certified	Category 3	111350	Sacramento	No	4/30/2014	Debris-General
5S	City Of Ripon CS	807432	Certified	Category 3	Intersection of Oregon Street and Avenue A	San Joaquin	No	6/29/2014	Debris-Rags
5S	UC Davis Health System CS	806060	Certified	Category 3	UC Davis Medical Center - Bldg 34	Sacramento	No	5/8/2014	Other (specify below)
5S	El Dorado Hills CS	805566	Certified	Category 3	EDH-2014-04-02	El Dorado	No	4/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805870	Certified	Category 3	111008	Sacramento	No	4/27/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806268	Certified	Category 3	111367	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807268	Certified	Category 3	111569	Sacramento	No	5/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807273	Certified	Category 3	112860	Sacramento	No	5/19/2014	Root intrusion

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	807382	Certified	Category 3	112252	Sacramento	No	5/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807428	Certified	Category 3	114183	Sacramento	No	5/31/2014	Root intrusion
5S	City of Stockton MUD CS	806202	Certified	Category 3	8350 N. El Dorado St.	San Joaquin	No	5/15/2014	Root Intrusion
5S	Florin Road Sewer	806508	Certified	Category 3	VSWTP	Sacramento	No	5/21/2014	Debris-General
5S	City of Stockton MUD CS	807170	Certified	Category 3	445 W. Rose St	San Joaquin	No	6/20/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807352	Certified	Category 3	111426	Sacramento	No	5/1/2014	Debris-General
5S	Sacramento Area Sewer District CS	807375	Certified	Category 3	112112	Sacramento	No	5/11/2014	Debris-General
5S	Sacramento Area Sewer District CS	806070	Certified	Category 3	110912	Sacramento	No	4/24/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807426	Certified	Category 3	114021	Sacramento	No	5/31/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	806250	Certified	Category 3	110430	Sacramento	No	4/18/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806255	Certified	Category 3	110481	Sacramento	No	4/21/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807385	Certified	Category 3	112384	Sacramento	No	5/14/2014	Root intrusion
5S	City of Stockton MUD CS	805492	Certified	Category 3	629 N. Grant St. Stockton Ca	San Joaquin	No	4/15/2014	Debris-General
5S	Sacramento Area Sewer District CS	807364	Certified	Category 3	111956	Sacramento	No	5/8/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	805964	Certified	Category 3	111305	Sacramento	No	4/30/2014	Operator Error
5S	Sacramento Area Sewer District CS	805959	Certified	Category 3	111224	Sacramento	No	4/29/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807274	Certified	Category 3	112921	Sacramento	No	5/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807360	Certified	Category 3	111863	Sacramento	No	5/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807395	Certified	Category 3	112711	Sacramento	No	5/18/2014	Root intrusion
5S	City of Stockton MUD CS	806049	Certified	Category 3	818 W. Los Felis Ave.	San Joaquin	No	5/12/2014	Root Intrusion
5S	Grass Valley City CS	805543	Certified	Category 3	Pine 449	Nevada	No	4/15/2014	Debris-General
5S	Dry Creek CS	806284	Certified	Category 3	1498 Deerfield	Placer	No	5/12/2014	Debris-Rags
5S	Dry Creek CS	806152	Certified	Category 3	608 Encinal Ave.	Placer	No	5/6/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	805865	Certified	Category 3	110365	Sacramento	No	4/20/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805955	Certified	Category 3	111115	Sacramento	No	4/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806063	Certified	Category 3	110785	Sacramento	No	4/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806085	Certified	Category 3	111083	Sacramento	No	4/28/2014	Root Intrusion
5S	City of Stockton MUD CS	806020	Certified	Category 3	725 E. Garner St.	San Joaquin	No	5/10/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806253	Certified	Category 3	110446	Sacramento	No	4/18/2014	Debris-General
5S	City of Woodland CS	806756	Certified	Category 3	1752 Mckinley Avenue	Yolo	No	6/3/2014	Debris-General
5S	Dry Creek CS	807143	Certified	Category 3	1020 Church St	Placer	No	6/10/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	805864	Certified	Category 3	110354	Sacramento	No	4/19/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807424	Certified	Category 3	113964	Sacramento	No	5/30/2014	Pipe Structural Problem/Failure
5S	City Of Antioch CS	805590	Certified	Category 3	Glade Ct	Contra Costa	No	4/15/2014	Root Intrusion
5S	Dry Creek CS	805723	Certified	Category 3	204 Sutter Ave.	Placer	No	4/21/2014	Root Intrusion
5S	Dry Creek CS	806358	Certified	Category 3	200 N. Grant	Placer	No	5/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806078	Certified	Category 3	110998	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806080	Certified	Category 3	111000	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807076	Certified	Category 3	111326	Sacramento	No	5/1/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807262	Certified	Category 3	111557	Sacramento	No	5/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807354	Certified	Category 3	111690	Sacramento	No	5/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807362	Certified	Category 3	111886	Sacramento	No	5/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807379	Certified	Category 3	112230	Sacramento	No	5/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807383	Certified	Category 3	112266	Sacramento	No	5/13/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807398	Certified	Category 3	113000	Sacramento	No	5/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807405	Certified	Category 3	113219	Sacramento	No	5/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807408	Certified	Category 3	113316	Sacramento	No	5/23/2014	Root intrusion
5S	City of Stockton MUD CS	806113	Certified	Category 3	864 W. Monterey Ave	San Joaquin	No	5/13/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807374	Certified	Category 3	112105	Sacramento	No	5/10/2014	Debris-General
5S	Sacramento Area Sewer District CS	807416	Certified	Category 3	113429	Sacramento	No	5/26/2014	Debris-General

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	807421	Certified	Category 3	113829	Sacramento	No	5/29/2014	Debris-General
5S	City of Stockton MUD CS	805974	Certified	Category 3	922 N. Center St.	San Joaquin	No	5/7/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	807403	Certified	Category 3	113160	Sacramento	No	5/22/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	807365	Certified	Category 3	111971	Sacramento	No	5/8/2014	Operator error
5S	Sacramento Area Sewer District CS	805866	Certified	Category 3	110394	Sacramento	No	4/19/2014	Other (specify below)
5S	Sacramento Area Sewer District CS	806061	Certified	Category 3	110694	Sacramento	No	4/23/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806064	Certified	Category 3	110816	Sacramento	No	4/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806067	Certified	Category 3	110825	Sacramento	No	4/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806929	Certified	Category 3	114032	Sacramento	No	5/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807077	Certified	Category 3	111481	Sacramento	No	5/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807266	Certified	Category 3	111566	Sacramento	No	5/4/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807269	Certified	Category 3	112714	Sacramento	No	5/18/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807358	Certified	Category 3	111786	Sacramento	No	5/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807372	Certified	Category 3	112103	Sacramento	No	5/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807407	Certified	Category 3	113290	Sacramento	No	5/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807361	Certified	Category 3	111871	Sacramento	No	5/6/2014	Vandalism
5S	Sacramento Area Sewer District CS	807410	Certified	Category 3	113330	Sacramento	No	5/23/2014	Vandalism
5S	Sacramento Area Sewer District CS	807265	Certified	Category 3	111564	Sacramento	No	5/4/2014	Debris-General
5S	Sacramento Area Sewer District CS	807399	Certified	Category 3	113101	Sacramento	No	5/21/2014	Debris-General
5S	Sacramento Area Sewer District CS	807425	Certified	Category 3	113994	Sacramento	No	5/30/2014	Debris-General
5S	City Of Folsom CS	805798	Certified	Category 3	383 Carpenter Hill Rd	Sacramento	No	4/22/2014	Pipe Structural Problem/Failure
5S	Modesto CS	806213	Certified	Category 3	117 Sherman Ave	Stanislaus	No	5/17/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805860	Certified	Category 3	109953	Sacramento	No	4/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805868	Certified	Category 3	110497	Sacramento	No	4/22/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806062	Certified	Category 3	110764	Sacramento	No	4/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806065	Certified	Category 3	110817	Sacramento	No	4/24/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806795	Certified	Category 3	113555	Sacramento	No	5/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807263	Certified	Category 3	111561	Sacramento	No	5/3/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807355	Certified	Category 3	111759	Sacramento	No	5/6/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807366	Certified	Category 3	112004	Sacramento	No	5/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807373	Certified	Category 3	112104	Sacramento	No	5/10/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807377	Certified	Category 3	112203	Sacramento	No	5/12/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807381	Certified	Category 3	112242	Sacramento	No	5/12/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807390	Certified	Category 3	112562	Sacramento	No	5/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807393	Certified	Category 3	112608	Sacramento	No	5/16/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807402	Certified	Category 3	113159	Sacramento	No	5/22/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807413	Certified	Category 3	113423	Sacramento	No	5/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807415	Certified	Category 3	113425	Sacramento	No	5/26/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807427	Certified	Category 3	114022	Sacramento	No	5/31/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807411	Certified	Category 3	113412	Sacramento	No	5/25/2014	Vandalism
5S	City Of Antioch CS	805587	Certified	Category 3	703 W 10th Street	Contra Costa	No	4/16/2014	Debris from Lateral
5S	Sacramento Area Sewer District CS	805949	Certified	Category 3	110359	Sacramento	No	4/19/2014	Debris-General
5S	Sacramento Area Sewer District CS	805951	Certified	Category 3	111007	Sacramento	No	4/27/2014	Debris-General
5S	Sacramento Area Sewer District CS	805956	Certified	Category 3	111159	Sacramento	No	4/29/2014	Debris-General
5S	Sacramento Area Sewer District CS	806258	Certified	Category 3	110600	Sacramento	No	4/23/2014	Debris-General
5S	Sacramento Area Sewer District CS	807260	Certified	Category 3	111499	Sacramento	No	5/2/2014	Debris-General
5S	Sacramento Area Sewer District CS	807267	Certified	Category 3	111568	Sacramento	No	5/4/2014	Debris-General
5S	Sacramento Area Sewer District CS	807270	Certified	Category 3	112719	Sacramento	No	5/18/2014	Debris-General
5S	Sacramento Area Sewer District CS	807419	Certified	Category 3	113680	Sacramento	No	5/28/2014	Debris-General
5S	Sacramento Area Sewer District CS	807423	Certified	Category 3	113865	Sacramento	No	5/30/2014	Debris-General

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters?	Start Date	Spill Cause
5S	City of Stockton MUD CS	807074	Certified	Category 3	2615 E. Anderson ST.	San Joaquin	No	6/17/2014	Debris-General
5S	Sacramento Area Sewer District CS	806082	Certified	Category 3	111009	Sacramento	No	4/27/2014	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	807400	Certified	Category 3	113117	Sacramento	No	5/22/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	807412	Certified	Category 3	113413	Sacramento	No	5/24/2014	Grease deposition (FOG)
5S	City Of Antioch CS	807081	Certified	Category 3	204 W 19th Street	Contra Costa	No	5/17/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	805957	Certified	Category 3	111162	Sacramento	No	4/29/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	807272	Certified	Category 3	112804	Sacramento	No	5/20/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	805858	Certified	Category 3	109917	Sacramento	No	4/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805861	Certified	Category 3	110196	Sacramento	No	4/17/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805867	Certified	Category 3	110405	Sacramento	No	4/19/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805869	Certified	Category 3	110507	Sacramento	No	4/22/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805945	Certified	Category 3	110345	Sacramento	No	4/18/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805953	Certified	Category 3	111110	Sacramento	No	4/27/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805958	Certified	Category 3	111173	Sacramento	No	4/29/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	805965	Certified	Category 3	111321	Sacramento	No	4/30/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806071	Certified	Category 3	110991	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806072	Certified	Category 3	110994	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806083	Certified	Category 3	111031	Sacramento	No	4/26/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806249	Certified	Category 3	109941	Sacramento	No	4/15/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806264	Certified	Category 3	110622	Sacramento	No	4/23/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807078	Certified	Category 3	111490	Sacramento	No	5/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807359	Certified	Category 3	111796	Sacramento	No	5/7/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807363	Certified	Category 3	111899	Sacramento	No	5/8/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807378	Certified	Category 3	112221	Sacramento	No	5/12/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807380	Certified	Category 3	112237	Sacramento	No	5/11/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807388	Certified	Category 3	112521	Sacramento	No	5/15/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807406	Certified	Category 3	113257	Sacramento	No	5/23/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807417	Certified	Category 3	113444	Sacramento	No	5/27/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807418	Certified	Category 3	113652	Sacramento	No	5/28/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807420	Certified	Category 3	113823	Sacramento	No	5/29/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807422	Certified	Category 3	113861	Sacramento	No	5/30/2014	Vandalism
5S	Sacramento Area Sewer District CS	806073	Certified	Category 3	110997	Sacramento	No	4/26/2014	Debris-General
5S	Sacramento Area Sewer District CS	806265	Certified	Category 3	110633	Sacramento	No	4/23/2014	Debris-General
5S	Sacramento Area Sewer District CS	807370	Certified	Category 3	112094	Sacramento	No	5/10/2014	Debris-General
5S	Demo South CS	806279	Certified	Category 3	Test	Sacramento	No	5/20/2014	Debris-Rags
5S	Sacramento Area Sewer District CS	807414	Certified	Category 3	113424	Sacramento	No	5/26/2014	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	807351	Certified	Category 3	111359	Sacramento	No	5/1/2014	Operator error
5S	Sacramento Area Sewer District CS	807386	Certified	Category 3	112479	Sacramento	No	5/15/2014	Operator error
5S	Sacramento Area Sewer District CS	807387	Certified	Category 3	112490	Sacramento	No	5/15/2014	Operator error
5S	Sacramento Area Sewer District CS	807401	Certified	Category 3	113153	Sacramento	No	5/22/2014	Operator error
5S	Sacramento Area Sewer District CS	807404	Certified	Category 3	113182	Sacramento	No	5/22/2014	Operator error
5S	Sacramento Area Sewer District CS	807261	Certified	Category 3	111556	Sacramento	No	5/3/2014	Other (specify)
5S	Sacramento Area Sewer District CS	807396	Certified	Category 3	112713	Sacramento	No	5/18/2014	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	807371	Certified	Category 3	112095	Sacramento	No	5/10/2014	Pipe Structural Problem/Failure - Installation
5S	Sacramento Area Sewer District CS	805947	Certified	Category 3	110357	Sacramento	No	4/19/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	806257	Certified	Category 3	110557	Sacramento	No	4/22/2014	Root Intrusion
5S	Sacramento Area Sewer District CS	807079	Certified	Category 3	111498	Sacramento	No	5/2/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807275	Certified	Category 3	112925	Sacramento	No	5/20/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807368	Certified	Category 3	112065	Sacramento	No	5/9/2014	Root intrusion
5S	Sacramento Area Sewer District CS	807409	Certified	Category 3	113326	Sacramento	No	5/23/2014	Root intrusion
5S	City of Stockton MUD CS	806890	Certified	Category 3	1334 N.Yosemite St.	San Joaquin	No	6/8/2014	Root Intrusion