

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
MARCH 27-28, 2014

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SUCCESS STORIES

1. Dale Stultz, Multi-Agency Response Effort

On February 6 2014 a resident of Shasta County set off an explosion in his home resulting from a significant amount of dangerous explosives and explosive precursor materials. Dale Stultz of the Central Valley Water Board's Redding office played a key role by assisting the Shasta County Sheriff's Department and a multitude of State and Federal agencies in preplanning and post-response efforts. The disaster required the establishment of a 2,000 foot evacuation zone and close cooperation through a holiday weekend to resolve the matter. Dale's expertise was invaluable in this situation and as a result, Dale was sent a personal letter of thanks from Shasta County Sheriff, Tom Bosenko.

2. **Eliminating Toxicity and Chlorpyrifos Exceedances in Walker Creek.** Walker Creek is a small waterway in Glenn County that receives runoff from agricultural land, and it is monitored by the Sacramento Valley Water Quality Coalition (SVWQC) to determine compliance with Irrigated Lands Regulatory Program requirements. In the SVWQC monitoring program, this waterway is representative of several similar, small drainage areas in Glenn County. On three occasions, twice in 2007 and once in 2009, water samples exceeded the water quality objective for chlorpyrifos. Also, water quality samples were toxic to *Ceriodaphnia dubia*, a water flea, twice in 2007. These exceedances triggered management plans for both of these constituents, to which the Colusa-Glenn Subwatershed Program, a SVWQC subgroup, responded with a dual strategy of management practice implementation and intensive member outreach. The Colusa-Glenn Subwatershed Program brought to the subwatershed \$1.57 million of cost-share money from the Natural Resources Conservation Service for management practice implementation. Meanwhile, the Subwatershed Program engaged in outreach through targeted mailing, grower surveys and mandatory workshops for local coalition members who grow alfalfa, almonds and walnuts, the crops that use chlorpyrifos in the county. Since 2009, 13 water quality samples have been collected from Walker Creek, targeted during periods of chlorpyrifos use. Analytical results showed that none of the samples exceeded water quality objectives or approached exceedance levels. Sample water from 33 different monitoring events has been tested with *Ceriodaphnia* since the last toxic event in 2007, with no evidence of toxicity. This success story demonstrates the effectiveness of intensive outreach coupled with management practice implementation to protect water quality in watersheds with irrigated agriculture.

3. **Administrative Civil Liability Order issued to the Nevada County Sanitation District No. 1, Cascade Shores Wastewater Treatment Plant.** On 12 February 2014, the Executive Officer issued ACLO R5-2014-0506 for Mandatory Minimum Penalties in the amount of \$66,000 for violations of effluent limitations from the Cascade Shores wastewater treatment plant. The effluent violations for ammonia, BOD, copper, pH, and total coliform organisms limitations occurred between 1 August 2009 and 30 September 2013. The Cascade Shores wastewater treatment plant serves a small community with a financial hardship, and therefore the Order allows the \$66,000 penalty to be credited towards a compliance project to cease the surface water discharge and instead discharge to a leachfield.

4. **Conditional No Further Action Determination, Former X-Cel Cleaners Facility, Arden Square Shopping Center, 3108 Arden Way, Sacramento, Sacramento County.** Perchloroethylene (also known as PCE, a dry cleaning solvent) was discovered near a former dry cleaner business in soil up to 9,600 parts per million and in groundwater up to 1,800 parts per billion (ppb). The soil was cleaned up by a combination of excavation and soil vapor extraction. Groundwater pollution was reduced by injecting potassium permanganate (a chemical oxidant) into the groundwater between May 2006 and October 2008 under Waste Discharge Requirements. Low remaining concentrations of PCE in a few groundwater monitoring wells are now close to the maximum contaminant level (5 ppb) and, based on monitoring trends, are expected to attenuate to below the public health goal (0.06 ppb) within a reasonable amount of time. A Conditional No Further Action Determination letter was issued on 27 January 2014. (NC)

5. 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.

a) FRESNO OFFICE

Fresno County

• **Mar-Y-Tierra, 930 'J' Street, Sanger**

One 550-gallon gasoline UST was removed from the site in 1990, and gasoline was detected in soil. One soil boring was drilled at the site in 2013. Low concentrations of gasoline constituents were detected did not extend beyond a depth of 30 feet. A groundwater sample was obtained and trace concentrations of gasoline were detected. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 23 December 2013.

• **Central High School West Campus, 2045 North Dickenson Avenue, Fresno**

One 1,200-gallon fuel oil UST was removed from the site during 2012, and fuel oil was detected in soil. An investigation performed in 2013 determined the release was small, with no petroleum hydrocarbons present below a depth of 20 feet. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 29 January 2014.

• **Red Triangle Oil Company, 2809 South Chestnut Avenue, Fresno**

The site is currently used for bulk petroleum hydrocarbon storage for retail and wholesale distribution. Eight USTs were removed from the site in 1998, and gasoline was detected in soil. Subsequent investigations determined that groundwater had been impacted by gasoline. Soil vapor extraction conducted between July 2011 and May 2013 and removed about 23,000 pounds (3,700 gallons) of gasoline. When groundwater was last sampled in 2013, no gasoline constituents were detected. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 29 January 2014.

• **Fresno Custom Drywall, 141 Sunnyside Avenue, Clovis**

The site is currently occupied by a drywall business. One gasoline UST was removed from the site in April 1991. Soil investigations, performed from April 2004 to June 2012, determined that the majority of impacted soil is between depths of 15 to 20 feet, and does not threaten groundwater. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy, and was closed on 30 December 2013.

• **Quick Pick, 3121 East Tulare Avenue, Fresno**

The site is a convenience store and active commercial fueling facility. During a dispenser upgrade in February 2004, a gasoline release was discovered. Subsequent investigation determined that the release was small, and did not extend beyond a depth of ten feet. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 21 January 2014.

• **USA Gasoline #819, 3177 North Cedar Avenue, Fresno**

The site is an active commercial fueling facility. In December 2006 an environmental investigation discovered a release of gasoline and diesel petroleum hydrocarbons to soil. Subsequent investigations determined that the release extended to groundwater. When last sampled in 2011, no petroleum hydrocarbons were detected in groundwater. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 31 January 2014.

• **Valley Gas & Food Mart, 5190 East Olive Avenue, Fresno**

The site is a mini-mart and active commercial fueling facility. A gasoline release was discovered during pipeline repairs in 2001. Subsequent investigations found that the release extended to groundwater. Soil vapor extraction conducted between November 2011 and November 2012 removed about 2,500 pounds (~400 gallons) of gasoline. Groundwater monitoring conducted from November 2010 to September 2012

did not detect any gasoline constituents. The case meets the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 12 February 2014.

Kern County

- **Hiway Motors, 26900 Bear Valley Road, Tehachapi, Kern County**
A gasoline release was discovered in 1998 during fueling system upgrades. Subsequent investigations determined that groundwater had been impacted. Between 2003 and 2005, about 86,000 pounds (~13,900 gallons) of gasoline were removed by soil vapor extraction and air sparging. An additional 157 pounds (25 gallons) of gasoline were removed with 10,000 gallons of impacted groundwater during 23 high vacuum extraction events, conducted between 2005 and 2011. The case was transferred to the Central Valley Water Board during 2011, when the local agency LOP program ended. The residual pollution is unlikely to threaten human health and the environment, and water quality objectives should be reached in a reasonable time and the case was closed on 10 February 2014.

b) REDDING OFFICE

None

c) SACRAMENTO OFFICE

Contra Costa County

- **Former 76 Service Station #5963, 2701 Contra Loma Boulevard, Antioch**
In May 1988, soil contamination was detected in samples collected from borings advanced adjacent to the fuel dispensers. The site is an active gasoline station, and future land use is not expected to change. About 3,000 pounds (480 gallons) of TPH-G was removed by excavation, and about 314 pounds (52 gallons) of TPH-G remain in the vadose zone and less than 6 pounds (1 gallon) of petroleum hydrocarbons remain in groundwater. Residual groundwater concentrations are expected to degrade below water quality objectives within 2 years. The site was closed on 9 January 2014.

San Joaquin County

- **Blue Star, 4040 East Main Street, Stockton**
In March 2002, one 6,000-gallon and one 12,000-gallon gasoline, and one 4,000-gallon diesel USTs were removed from the Site. Excavated soil was returned to the tank pit, minor soil contamination remains onsite and groundwater pollution extends about 75 feet offsite. This case was investigated utilizing funds from the Emergency, Abandoned and Recalcitrant Program. Groundwater is predicted to reach drinking water standards in 10 years (2023). Public participation was conducted and the UST case was formally closed on 19 December 2013.

Yolo County

- **Dan's Mission Towing/Danmar Enterprises, 716 Houston Street, West Sacramento**
The Site is a yard for wrecked vehicles associated with a vehicle towing service, located in an area of commercial and light industrial businesses. One diesel and one gasoline UST were removed from the Site in 1999 and gasoline and diesel were detected in soil. No work was conducted until 2013 due to the responsible party's financial issues. Central Valley Water Board staff collected soil and groundwater samples to assess whether Site conditions warranted recommending the site for Emergency, Abandoned, and Recalcitrant Program funding. Petroleum hydrocarbons were not detected in soil, and degraded diesel was detected in one groundwater sample. The case does not meet the closure criteria contained in the Low-Threat Underground Tank Closure Policy however, Central Valley Water Board staff concluded Site does not pose a threat to human health and safety, the environment, or to water quality and was closed 13 January 2014.

Local Agency UST Closures with Concurrence of Board Staff

Sacramento County

- Former Beacon 12430, 3120 Northgate Boulevard, Sacramento
- Shell, 2500 Northgate Boulevard, Sacramento

San Joaquin County

- Former Cheaper Store, 15 East Grantline Road, Tracy
- Parkinson's I-5 ARCO Service Station, 3250 W. Hammer Lane, Stockton
- Sarale Farms, 16500 Clifton Ct., Stockton

Solano County

- Former Vanden II, 5714 Vanden Road, Vacaville

Tulare County

- Sierra Citrus Packing, 715 East Tulare Avenue, Lindsay

STAFF RECOGNITION
EMPLOYEE OF THE MONTH AWARD
DECEMBER 2013

Candidate: Stephanie Torres
Unit: Irrigated Lands Compliance & Outreach, Sacramento Office
Title: Scientific Aide
Supervisor: Brett Stevens

The board approved the first irrigated lands WDRs to address groundwater in December 2012. Stephanie is one of our scientific aides and has provided key support in identifying owners of irrigated lands who do not have regulatory coverage. Stephanie used Geographic Information Systems (GIS) to ensure we had the latest and most accurate information. Stephanie's GIS work helped to identify over 284,000 acres of potential irrigated lands. This effort has already led to over 160,000 acres of newly enrolled ag lands.

Stephanie has also provided key support in other areas, including the preparation of a GIS layer for parcels covered by the Dairy General Order, processing grower applications to join a coalition, and helping Spanish-speaking growers enroll in the program. Stephanie has shown initiative and is able to produce high quality work with minimal supervision.

It is also noteworthy that Stephanie sang three songs at the summer picnic, including a great rendition of Stevie Wonder's "Superstition".

Stephanie is currently working on the Westside San Joaquin River WDR outreach planning by preparing maps of landowners who may own irrigated lands. She also supports staff by answering ILRP phone line calls and assisting in field inspections. Stephanie's willingness to take on many different tasks has freed up our permanent staff to work on other critical projects in the irrigated lands program. Her excellent work is greatly appreciated by ILRP staff and managers.

Candidate: Christine Joab
Unit: Planning and Assessment Unit, Sacramento Office
Title: Environmental Scientist
Supervisor: Sue McConnell

Christine has worked tirelessly 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 done an excellent job coordinating with the many stakeholders involved in the project. She has gained a deep understanding of the complexities of the impairment and is using that understanding to inform the development of an updated control program. During Christine's oversight of the DO TMDL, the channel has experienced noted improvements in dissolved oxygen levels.

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. Christine is very deserving of the employee recognition award.

Candidate: Jim Barton
Unit: Underground Tanks Program, Sacramento Office
Title: Engineering Geologist
Supervisor: Brian Newman

Jim is our expert in utilizing the State Board's Emergency, Abandoned and Recalcitrant fund program to contract with private consultants to investigate and remediate UST sites. Jim first utilized this funding source for a case in Manteca that impacted 11 private domestic water supply wells which needed water treatment systems installed and monitored at each residence. Jim now manages 5 contracts, approving all cost estimates and billing in addition to the standard technical oversight.

Jim now helps other staff in accessing this fund. He has created template language for recurring activities, such as seeking site access from local courts for Inspection Warrants. Jim has worked cooperatively with State Board staff, contract consultants and staff here at the Regional Board to successfully move cases forward that would have otherwise languished due to a lack of resources.

Candidate: Jerry Pagan
Unit: NPDES Unit, Redding Office
Title: Engineering Geologist
Supervisor: Bryan J. Smith

Jeremy Pagan has been selected to receive the Employee Recognition Award for his contributions to the Redding office, and specifically the NPDES Unit. Jeremy was hired in September 2013 and during his short time with the Water Board he has proven himself to be a valuable employee and dependable coworker.

Jeremy is a self-starter and takes initiative on developing tools and more efficient methods to streamline routine tasks. One example of Jeremy finding a "better way to do things" was his development of a Toxicity Reduction Evaluation (TRE) workplan template. Jeremy was tasked to review TRE workplans for many of our small POTWs. During his review he found that most Dischargers did not understand the purpose of the TRE workplan; as the workplans were incomplete and did not include a plan of action in the event effluent toxicity is encountered in a discharge. Many of the Dischargers had produced the workplans in-house, as out-sourcing the workplan development would be costly to their limited operating budgets. In response, Jeremy reviewed USEPA's *Toxicity Reduction Evaluation and Guidance for Municipal Wastewater Treatment Plants* and provided guidance to the Dischargers by developing a TRE Workplan template to aid the Discharger in developing the plan. The template also now serves as a tool for NPDES staff to use to expedite the workplan review process. In addition, the use of the template has resulted in Unit staff being more consistent in how they review and comment on these plans.

This example is just one of many in which Jeremy has helped improve the quality of work submitted by Dischargers to the Water Board, which subsequently reduces staff time spent addressing report deficiencies. We look forward to more of Jeremy's innovative solutions in the future; his work ethic, attitude, and dedication are appreciated by all.

FEBRUARY, 2014

Candidate: Nicholas B. Smaira
Unit: Ag/NPS, SWAMP, Fresno Office
Title: Engineering Geologist
Supervisor: David Sholes

Nick's great work-ethic & can-do attitude greatly contributed to the successful completion and adoption of the Western TLBA ILRP Order.

During the previous month Nick spent many hours preparing detailed responses to comments for the Western Tulare Lake Basin Area tentative order for the Irrigated Lands Regulatory Program, while maintaining close communications with the major affected party (Westlands Water District), as well as program staff in the Rancho Cordova office. During this period Nick also prepared and delivered the Western TLBA Order staff presentation to the Board during the special Board hearing in Los Banos in early January. Since that time Nick has reviewed applications and prepared Notices of Applicability for six coalitions pursuant to Tulare Lake Basin Area Order for Irrigated Lands.

Nick consistently maintains a cheerful and professional demeanor, often assisting staff within the unit and in other units with postings of orders and other material to the Board's website and with Lyris list postings. Nick's recent and sustained efforts in the performance of his assigned duties make him a valuable member of our organization. I highly recommend Nick for recognition of his accomplishments in January.

Enforcement Update

19 December 2013 through 18 February 2014

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

- 1 – 13267 Investigative Order;
- 107 – Notices of Stormwater Non-Compliance;
- 57 – Notices of Violations (NOVs);
- 5 – Staff Enforcement Letters; and
- 1 – Time Schedule Order

From a statewide perspective, Region 5 was responsible for approximately 51% of all the enforcement actions tracked in CIWQS during this period including 59% of the NOVs, and 24% of the ACLs. During this period: staff issued five ACL Complaints cumulatively totaling \$300,000 in potential penalties; one ACL Complaint was settled in the amount of \$4,000; and one ACL Order was adopted by the Board for \$310,775.

California Home
Wednesday, February 19, 2014

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD

California Integrated Water Quality System Project (CIWQS)

ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

Here is your Customized Enforcement Actions by Region/Program/Action Report!

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SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

Status (Active,Historical,Withdrawn) Occurred on or after 12/19/2013 Occurred on or before 02/18/2014

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	EPL	NNC	NOV	NTC	SEL	SETCO	STP	TSO	VER	TOTAL*
1	0	0	0	1	0	0	0	4	0	0	0	0	0	0	5
2	0	0	0	7	1	3	0	1	0	0	0	1	0	1	14
3	0	0	0	1	0	7	0	1	0	0	1	0	0	0	10
4	0	16	0	6	0	12	8	27	9	1	0	0	0	0	79
SF	0	0	0	4	0	0	0	4	0	4	0	0	0	3	15
SR	0	0	0	2	0	0	0	3	0	1	0	0	0	4	10
SS	1	2	103	1	0	0	2	50	0	0	0	0	1	7	167
BT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
6V	0	0	0	0	0	0	0	2	0	0	0	0	0	7	9
7	0	0	0	4	0	0	0	1	0	4	0	0	0	0	9
8	0	0	1	3	0	1	4	3	0	0	0	0	0	12	24
9	0	2	9	0	0	0	1	1	0	5	0	0	0	11	29
STATEWIDE*	1	20	113	29	1	23	15	97	9	15	1	1	1	46	372

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter/Order	1st_NNC = 1st Annual Report Notice of Non-Compliance	2nd_NNC = 2nd Annual Report Notice Noncomp
ACL = Admin Civil Liability	CAO = Clean-up and Abatement Order	EPL = Expedited Payment Letter
NNC = Notice of Stormwater Noncomp	NOV = Notice of Violation	NTC = Notice to Comply
SEL = Staff Enforcement Letter	SETCO = Settlement - Court Order	STP = Stipulated Penalty
TSO = Time Schedule Order	VER = Oral Communication	

* Columns or Rows count distinct instances of Enforcement Actions.

Performance Targets

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.

Below is the Region 5 Performance Measurement Summary for the current fiscal year. This report was produced with data through 63% of the current fiscal year.						
Region 5 Performance Measurement Summary from 1 July 2013 to 14 February 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	6	67%	n/a	n/a	On track to meet performance metric.
Major Individual Permits Facilities Inspected	51	18	35%	n/a	20	Target reflects contract help that is no longer available. Otherwise staff are on target.
Minor Individual Permits Issued, Revised and Renewed	19	9	47%	n/a	n/a	Four Adopted Orders for revised permits from the 6/7 February 2014 Board Meeting become effective 29 March 2014. Those revisions will result in an additional four revised permits in the subsequent EO Report. More revisions are scheduled. This metric is currently on-target.
Minor Individual Facilities Inspected	7	3	43%	n/a	4	Target reflects contract help that is no longer available. Otherwise staff are on target.
Minor General Enrollees Facilities Inspected	0	9	N/A	n/a	9	
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	19	53%	n/a	n/a	The anticipated target for the fiscal year will be met.
Municipal Waste Facilities Inspected	75	88	117%	n/a	88	
Industrial Waste Facilities Inspected	45	37	82%	n/a	37	
All Other Facilities Inspected	10	7	70%	n/a	8	
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	8	89%	n/a	n/a	
Landfills Facilities Inspected	73	60	82%	n/a	69	
All Other Permits Issued, Revised and Renewed	5	1	20%	n/a	n/a	Additional Title 27 permits are nearing completion and will be accounted for in coming months.
All Other Facilities Inspected	48	21	44%	n/a	21	
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	316	109%	n/a	385	
Stormwater Industrial Facilities Inspected	195	152	78%	n/a	164	
Stormwater Municipal Facilities Inspected	4	2	50%	n/a	2	Inspections are scheduled; staff time has been reallocated to conduct stakeholder discussions for developing a region-wide municipal storm water permit. The final target should be met by the end of the fiscal year.
Other Programs						
Timber Harvest Facilities Inspected	120	125	104%	n/a	139	
Confined Animal Facility Facilities Inspected (Dairies)	320	199	62%	n/a	219	
Clean Up						
New DoD Sites Into Active Remediation	63	11	17%	n/a	n/a	80+ site DoD Record of Decision due by April
New SCP Sites Into Active Remediation	36	30	83%	n/a	n/a	
Cleanup Program Sites Projected Closed	140	34	24%	n/a	n/a	80+ site DoD Record of Decision due by April
New UST Sites Into Active Remediation	45	35	78%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	105	84	80%	n/a	n/a	
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

COMPLIANCE AND ENFORCEMENT

1. **ACL Order/Settlement, Vintage Production California LLC**

A final settlement agreement has been issued that requires Vintage Production California, LLC to pay a \$60,000 penalty, the maximum allowable, for discharging hydraulic fracturing fluid into an unlined pit. The Central Valley Water Board prosecution team's investigation determined that Vintage periodically discharged hydraulic fracturing fluid to the pit over a period of 12 days in September and October of 2012. The pit was next to a new oil well that Vintage drilled near Shafter in Kern County. The prosecution team concluded that the discharge posed a threat to groundwater quality, and that Vintage violated the California Water Code for unpermitted discharge of wastewater to land. The settlement agreement also requires Vintage to assess the leaching potential of the solidified material in the pit and whether groundwater has been impacted.

2. **Digester General Order coverage, Cal Denier Dairy**

A notice of applicability for coverage under the General Waste Discharge Requirements for Dairies with Manure Anaerobic Digester or Co-digester Facilities (Order R5-2010-0130) was issued to the Cal Denier Dairy for operation of an on-site digester to produce biogas at the dairy. The digester was developed in partnership with the Sacramento Municipal Utility District (SMUD) to generate energy that is delivered through its grid.

3. **Nutrient Management Planning**

Staff has issued notices of violation (NOVs) to a number of dairies covered under the Dairy General Order (approximately 90) that have not fully or properly implemented a nutrient management plan. Other dairies (approximately 60) have been issued NOVs for having not submitted a certification of completion of modifications made to meet adequate flood protection and/or waste management capacity. Staff is working with State Board's Office of Enforcement in pursuing formal enforcement. Top priority is given to those dairies that exhibit both nutrient management and waste management deficiencies. Two such dairies were recently issued pre-settlement letters notifying them of their opportunity to discuss and settle a proposed administrative civil liability penalty prior to issuance.

4. **Annual Reports**

In August 2013, staff issued notices of violation to approximately 60 dairies covered under the Dairy General Order that failed to submit the annual report that was due 1 July 2013. Of these, approximately 30 facilities have yet to submit an annual report, which corresponds to a compliance rate among the 1,350 dairies covered under the Dairy General Order of approximately 98%. As resources allow, staff intends to pursue formal enforcement for those dairies that have not yet submitted the required Annual Report.

5. **Inspections**

Staff has completed approximately 230 dairy inspections for Fiscal Year 2013/2014 to date. This current pace is congruent with the target performance goal of inspecting each dairy covered under the General Order once every three years.

6. **\$96,000 in Mandatory Minimum Penalty ACL Complaints Issued**

On 7 March 2014, the Assistant Executive Officer issued 10 Administrative Civil Liability Complaints which assess mandatory minimum penalties for effluent limit violations of NPDES permits. The Dischargers may either pay the penalty within 30 days, request to enter into settlement discussions, or request a hearing before the Board. The following Administrative Civil Liability Complaints were issued:

- a. The Linda County Water District was assessed \$15,000 for three violations of the pH limit, one violation of the ammonia limit and one violation of the manganese limit which occurred between 1 May 2013 and 31 December 2013 at its wastewater treatment plant.
- b. The City of Rio Vista was assessed \$3,000 for one violation of the biochemical oxygen demand limit which occurred between 1 April 2013 and 31 December 2014 at its Beach wastewater treatment plant.

- c. The City of Vacaville was assessed \$21,000 for five violations of the chlorodibromomethane limit, one violation of the dichlorobromomethane limit, and one violation of the total trihalomethanes limit which occurred between 1 May 2013 and 31 December 2014 at its Easterly wastewater treatment plant.
 - d. The City of Elk Grove was assessed \$12,000 for three violations of the total chlorine residual limit, one violation of the biochemical oxygen demand limit, and one violation of the pH limit occurring between 1 April 2011 and 30 September 2013 from its potable water service maintenance project.
 - e. The San Juan Water District was assessed \$18,000 for five violations of the total suspend solids limit and one violation of the pH limit which occurred between 15 April 2011 and 25 October 2011 from its drinking water treatment plant project.
 - f. The Carson Hill Mining Corporation for Sutton Enterprises was assessed \$3,000 for one violation of the mercury limit which occurred between 15 November 2011 and December 2013 from its Carson Gold Mine Project.
 - g. The City of Placerville was assessed \$6,000 for two violations of the total chlorine residual limit which occurred between 1 June 2012 and 30 September 2013 from its potable water system maintenance project.
 - h. The City of Turlock was assessed \$6,000 for two violations of the dichlorobromomethane limit which occurred between 1 September 2012 and 31 December 2013 at its regional water quality control facility.
 - i. The California Department of Corrections and Rehabilitation was assessed \$9,000 for two violations of the trichloroethylene limit and one violation of the benzene limit which occurred between 1 March 2011 and 31 December 2013 at its Deuel Vocational Institution.
 - j. The City of Lodi was assessed \$3,000 for one violation of the total ammonia (as N) limit occurring between 1 October 2012 and 31 December 2013 at its White Slough water pollution control facility.
7. **Cleanup and Abatement Order, Jess Ranch and Marciel Ranch Biosolids Application Sites, Alameda County.** On 6 March 2014, the Assistant Executive Officer issued Cleanup and Abatement Order (CAO) R5-2014-0700 to Biosolids Recycling, Inc, Joseph and Connie Jess, and Paul and Sally Marciel to investigate and cleanup waste from discharges that were not authorized by Waste Discharge Requirements (WDRs) Order R5-2006-0071. In July 2013, Alameda County notified staff of a possible unauthorized discharge of liquid waste at the site. Upon investigation, staff determined that about 36,000 gallons of liquid waste with a pH between 1.69 and 2.21 had been discharged to the site, and that about 28,000 gallons of carwash cleanout waste had also been discharged to the site. Further discussions revealed that multiple discharges of carwash cleanout waste have taken place. Additional violations include stockpiling biosolids for two years instead of spreading them onto cropland immediately, and the failure to submit monitoring reports. The CAO requires the Dischargers to characterize and properly dispose of the unauthorized soil stockpiles observed at the site, and to assess potential impacts to soil and groundwater from both the soil stockpiles and the unauthorized discharge of hazardous liquid and carwash waste to the site. Should any impacts to groundwater be identified, the CAO also requires the installation of a permanent groundwater monitoring well network to adequately define the extent of the groundwater impacts.

SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

Unauthorized Discharge from the City of Galt

On 22 January 2014, Board staff was notified of an unauthorized discharge from the City of Galt at its Wastewater Treatment Plant and Reclamation Facility. On 21 January 2014, the City's tenant farmer began irrigating on-site agricultural fields with un-disinfected secondary treated water from the plant's storage reservoir. During irrigation, three storm gates along an irrigation return channel were in the open position, allowing the wastewater water to flow straight into Skunk Creek. City staff immediately closed all storm gates in the irrigation channel and turned off all irrigation pumps. A total of 70,730 gallons of un-disinfected secondary treated irrigation water co-mingled with tertiary treated effluent and discharged into Skunk Creek. Board staff is evaluating enforcement options.

Unauthorized Discharge from the Town of Discovery Bay

On 20 February 2014, Central Valley Water Board staff was notified of an unauthorized discharge of partially treated wastewater from the Town of Discovery Bay wastewater treatment plant. A total of 300,000 to 500,000 gallons was discharged over a two day period between 19 February 2014 and 20 February 2014. The unauthorized discharge was caused by a valve being left open allowing raw sewage to bypass primary treatment. Board staff is waiting for additional information to determine the appropriate enforcement actions.

Complaints

Regional Board staff is responsible for responding to complaints related to water quality within the Central Valley Region as they are received by the online Cal/EPA Environmental Complaint Form (http://www.dtsc.ca.gov/database/CalEPA_Complaint/). From 1 January 2014 through 18 February 2014 the Central Valley Regional Water Board has received **10** complaints related to water quality from the Cal/EPA system. Of those eight, **all** have been assigned to staff that have followed-up or responded to the complaints, and **two** have been closed. Investigations for the remaining **eight** outstanding complaints are ongoing. For the fiscal year 2013-2104, **86%** of the formal complaints received from the Cal/EPA Complaints System have been addressed and closed including all of the complaints from the previous reporting period (6/7 February 2014 EO Report).

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 19 December 2013 and 18 February 2014, there were **13** Category 1, **2** Category 2, and **104** Category 3 spills reported. As of September 9, 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.

A more detailed account of the sewage spills occurring between 1 November and 13 December 2013 is 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.

Sanitary Sewer Overflow from the City of Yuba City

On 12 February 2014, Central Valley Water Board staff was notified of sanitary sewer overflow from the City of Yuba City's collection system. A total of 86,035 gallons of sewage spilled over a two day period between 10 February 2014 and 12 February 2014. The spill was caused by a malfunction of the controls at a lift station, resulting in leakage from gravity mainline joints. The spill entered Gilsizer Slough, where all of the 86,035 gallons of sewage was contained, cleaned, and returned to the sanitary sewer system. All flushing and clean up water for the drainage channel was also returned to the sanitary sewer system. Board staff is evaluating enforcement options.

Raw Sewage Spill, City of Mt. Shasta, Siskiyou County

On 27 January 2014, City of Mt. Shasta (City) Department of Public Works staff reported a 91,537 gallon domestic sewage spill caused from a failure of the City's gravity sewer line located underneath the road shoulder along Alma Street in Mt. Shasta, Siskiyou County. As reported, an estimated 5,250 gallons were recovered but a majority of the spill entered an open, natural drainage channel adjacent to the road-shoulder along Alma Street. The City posted public health warnings throughout the area and the impacted surface area was disinfected. Vacuum sewer-cleaning trucks were used to flush the drainage channel after the sewer line was repaired on 28 January 2014. The City began conducting downstream water quality monitoring in the drainage channel for total coliform organisms, fecal coliform organisms, and ammonia. A complete Sanitary Sewer Overflow (SSO) technical report including water quality monitoring results will be provided to Central Valley Water Board staff for review. Two additional domestic sewage spills along Alma Street were reported in February 2014 by the City. On 18 February and 20 February of 2014, 912 gallons and 900 gallons of domestic sewage surfaced from manholes along Alma Street and entered adjacent storm drainage channels. The City removed root blockage within the gravity sewer line determined to be the cause of the 18 February 2014 spill. Final cause of the 20 February 2014 spill has yet to be reported by the City. All drainage channels in the area are hydraulically connected to Lake Siskiyou through various un-named tributaries over several miles. The case remains open pending review of final reports to be submitted by the City. Central Valley Water Board staff is evaluating appropriate enforcement actions for the January and subsequent February 2014 SSO's along Alma Street in Mt. Shasta. (SMG)

DELTA ACTIVITIES

1. **Delta Methylmercury Control Studies**

Phase 1 of the Delta Mercury Control Program requires that dischargers and agencies tasked with addressing methylmercury perform studies to evaluate methods to control methylmercury. Draft methylmercury control study work plans were reviewed by staff and an independent technical advisory committee. As of 24 February, the Executive Officer approved seven methylmercury control study work plans. These work plans address methylmercury in municipal wastewater, urban and industrial storm water, managed seasonal wetlands and open water channels. Staff is reviewing and working with the authors of remaining study plans for irrigated agriculture, tidal wetlands, and dredge material settling ponds. Some methylmercury study plans, particularly for open water, tidal wetlands, and agriculture, focus on reporting current conditions and the effects of management practices currently implemented for other water quality issues rather than new methylmercury control measures. The Basin Plan requires that study results be reported to the Water Board in 2015. At that point, staff and the technical advisory committee will consider what additional information may be needed.

2. **Delta Mercury Exposure Reduction Program**

The goal of the Delta Mercury Exposure Reduction Program (MERP) is to reduce human exposure to mercury from consumption of contaminated Delta fish. Staff is developing interagency agreements to use funds that have been committed for MERP. Twenty-six entities, including Delta municipalities, wastewater agencies, storm water programs, the Rice Commission and ecological reserves, have submitted letters committing funds to the Delta MERP. Additionally, the State Water Board allocated \$370,000 to cover the share of funding expected from State agencies. To supplement MERP dollars, staff time or other in-kind services have been committed by the Department of Public Health (DPH), the Delta Conservancy, Department of Water Resources, State Lands Commission, the US Bureau of Land Management Cosumnes River Preserve and the US Fish and Wildlife Service Stone Lakes Refuge. In spring 2014, DPH and staff expect to be working with community-based organizations and Tribes interested in fish contamination in the Delta.

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

The first Technical Advisory Committee (TAC) meeting was held on 5 February 2014. The original plan was to solicit the TAC for suggestions for subgroups that could focus on each of the four major constituent topics (pesticides, mercury, pathogens, and nutrients). While subgroups will still be needed, the TAC has taken it upon itself to develop an overarching framework that will guide the technical work asked of the four subgroups. The TAC will meet again on 5 March 2014 and subgroup meetings will be initiated soon after.

Additionally, Regional Board staff continues to work with a sub-set of RMP participants to develop the language that will be used in NPDES permits to allow for participation in the program and to assess current monitoring requirements to develop more regional assessments in support of the program. Specific discussion related to the monitoring plans and RMP participation for Phase I and Phase II communities have begun with key stakeholders.

4. **Bay Delta Conservation Program (BDCP)** has extended the public comment period on their draft plan and associated environmental impact report for an additional 60 days. Comments are now due by 13 June 2014. A subcommittee of the Central Valley Water Board will be providing comments. The draft plan and environmental impact report can be viewed at: <http://baydeltaconservationplan.com/Home.aspx>.

SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee began 2014 by providing its Annual Report to the State Water Board and participating in a Groundwater Resource Association webinar to provide an overview of CV-SALTS and the technical work that has been completed. Executive Committee policy discussions focused on review of a revised proposal for demonstrating appropriate level of salinity protection for groundwater Agricultural Supply (AGR) beneficial uses. Technical projects are continuing on schedule including fine tuning the salt and nitrate source/fate model utilizing case studies near Modesto and the Kings River Basin as well as determining sustainability of implementation alternatives. A brief summary of all CV-SALTS technical projects can be found under the CV-SALTS website at:

<http://www.cvsalinity.org/index.php/committees/technical-advisory/technical-projects-index.html>

The Lower San Joaquin River (LSJR) Committee's subcontractor team has updated and presented a draft of the water quality and salt loading database for the LSJR. In addition, the team presented a draft memorandum with action matrixes for identifying and screening alternatives for salinity control. Subcommittees continue to work with the contractor team to finalize these and other documents 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. Information on irrigation management practices employed by LSJR water users continues to be compiled. Between November and January, 15 of 39 water diverters, including four water districts, have been surveyed.

2. **CV-SALTS Meeting Participation**

On 10 January, Jeanne Chilcott and Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on preparation for upcoming annual report to the State Water Board.

On 16 January, Jeanne Chilcott provided part of the Groundwater Resources Association webinar presentation on utilizing the CV-SALTS initiative to develop a salt and nitrate management plan for the Central Valley of California.

On 23 January, Jim Brownell participated in the LSJR Committee meeting.

On 29 January, Jeanne Chilcott and Pam Buford participated in a meeting focused on CV-SALTS budget reporting.

On 31 January, Jeanne Chilcott and Pam Buford participated in a Project Committee meeting to provide direction on development of the Phase II Conceptual Model Scope of Work.

On 13 February, Pamela Creedon, Karl Longley, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy meeting which focused on a revised proposal for demonstrating appropriate level of salinity protection for groundwater AGR uses.

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

Monthly staff meetings with representatives of the USBR were held in January and February to discuss the status of work related to the MAA. During both meetings, USBR staff and members of the Westside Coalition reported on the progress they have made on the Real-Time Salinity Management Program (RTMP) framework document. The updated draft RTMP framework is scheduled to be released to the CV-SALTS Lower San Joaquin River Committee on 21 February 2014 for review and comment.

An information item on the RTMP framework document and revised MAA negotiations has been scheduled for the Central Valley Water Board 27/28 March 2014 meeting. It is anticipated that a final RTMP framework document and revised MAA will be brought to the Board for review and approval in the summer of 2014.

TIMBER

1. **USFS – Post-Fire Recovery**

Clint Snyder and Angela Wilson have initiated a discussion with the other regional boards and state board to determine the level of interest in working with the USFS to define and formalize the boards' participation in USFS-led post-fire recovery efforts statewide. Should the other regional boards and state board indicate they are not interested in such a project, Central Valley Water Board staff intends to pursue the project for fires within our region. Specifically, we are interested in participating in the USFS Burned Area Emergency Response teams, which assess and develop mitigations to reduce impacts on resources post-fire on USFS lands.

2. **USFS – NPS/Timber Permit**

Staff also plans to further discussions with the USFS this calendar year regarding the process of creating a new permit for non-point source (including timber harvest) projects on USFS lands within our region. The USFS requested such a permit from state board in 2008, have succeeded in obtaining a similar permit from the North Coast Regional Board, and continues to express interest in creating a permit for activities in the Central Valley.

GROUNDWATER QUALITY PROTECTION STRATEGY

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

A status report to the Central Valley Water Board was presented at the 6 December 2013 board meeting. The presentation included three documents: 1) a summary of work completed under the 2011 Workplan; 2) 2013-2015 Workplan for medium and unfinished high priority actions which the Board endorsed staff's recommendation to implement, and 3) Workplan for updating the Strategy. All three documents as well as the Groundwater Quality Protection Strategy and the June 2011-2013 Workplan can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

During the December 2013 Board Meeting direction was given to staff to coordinate with the State Water Board's Groundwater Concept Paper efforts before beginning an update to the Central Valley Water Board's Groundwater Strategy. Updates on this coordination will be provided in future Executive Officer's Reports

The following is a brief status report on the implementation of tasks for each of the actions identified in the 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, that identifies submittal of a draft plan in May 2014 and a final plan in May 2016. An annual update was presented at the December 2013 Central Valley Water Board meeting, during which Resolution R5-2013-0149 was approved to allow an extension of time for the draft to May 2016. More details on CV-SALTS activities can be found in the Salinity and CV-SALTS section of this EO report. Information is also available at: <http://cvsalinity.org/>

Action 6.4.2 Implement consistent and scientifically sound groundwater quality monitoring program. The Groundwater Monitoring Advisory Workgroup (GMAW) is composed of groundwater experts, which includes representatives from State and Regional Water Boards, USGS, academia, and private consultants. The GMAW has identified several technical issues related to groundwater monitoring. The workplan set a schedule for the development of white papers for each of the technical issues, including establishing and applying site-specific background concentrations, Conceptual Model, GW Monitoring Well Network Design, Additional GW 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. To date the GMAW have begun drafting 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. Due to a priority basin planning item the tasks specified in the 2013-2015 Workplan have not been initiated. However, staff have continued to attend IRWM group meetings when available. A revised time schedule and update on tasks completed will be provided in the May 2014 Executive Officer's Report.

Action 6.4.5 Well Design and Destruction (Abandonment) Program. Implementation of work on this action was temporarily delayed. An update on the schedule and work completed for tasks 1 through 3 will be provided in the May 2014 Executive Officer's Report.

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 industry review. The General Order for Poultry facilities has been delayed because of high priority enforcement cases. Updated time schedule for the draft Poultry General Order will be included in the May 2014 Executive Officers Report.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement an irrigated lands program that establishes a groundwater protection program for wastes associated with agricultural practices. The Central Valley Water Board has adopted four Orders covering specific watershed areas that allow growers to be represented by third-party groups are in progress and one Order for those growers that are not part of a third-party group. Three other Orders allowing growers to be represented by third-party groups will be considered by the board for adoption in March 2014. One Order covering a specific commodity (rice) and two other Orders covering specific watershed areas. The adopted Orders and those pending adoption all include groundwater quality protection and monitoring requirements More detail on Long-Term ILRP developing orders 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 from the ILRP have provided input on the curriculum and are serving as instructors for the portion of the training that discusses the regulatory requirements. Executive management has also participated in CDFA's nitrogen tracking and reporting task force. Staff will continue to work with CDFA on nitrogen management issues 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. So far, 150 inactive cases have been reviewed. A number of sites (28) were found to be active or closed under the lead of the local agency or the Department of Toxic Substances Control.

Action 6.5.4(a) Update Guidelines for Waste Disposal from Land Developments and Action 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. At the time of approval of the Roadmap, September 2010, the State Water Board's efforts related to Assembly Bill 885 (AB 885) had stalled. The priority given to action 6.5.4(a) was partly based on resources and the potential for the State Water Board to address the requirements of AB 855.

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. The OWTS Policy requires each Regional Water Board to update its Basin Plan to be in compliance with the OWTS Policy or adopt policy/guidelines that are as restrictive as the State Water Board policy. The OWTS Policy uses tiered requirements based upon potential threat to water quality that may be caused by the onsite system. The OWTS Policy includes a conditional waiver of requirements to submit a report of waste discharge and associated application fees and a waiver of waste discharge requirements for onsite systems that comply with the Policy. The OWTS Policy allows local agencies to develop and implement alternative requirements in an approved local area management program (LAMP) and requires each Regional Water Board to review and approve all of the LAMPs in its respective Region.

In FY 2013, staff drafted amendments to both Basin Plans. The amendments are scheduled for Regional Water Board consideration during the March 2014 Board meeting. Staff also worked with the State Water

Board staff on development of LAMP templates and guidance. In February 2014, Central Valley Water Board staff requested Local Agencies provide Letters of Commitment with their intentions regarding whether to submit LAMPs for our review, or require OWTS owners in their jurisdictions to submit Reports of Waste Discharge pursuant to Water Code section 13269.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Regional Water Board staff is working closely with the State Water Board's WDR unit to develop general orders to assist in reducing WDR backlogs. This unit is working on a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd. Current schedule is for consideration by the State Water Board in May. Once adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. Regional Water Board staff has also stressed the need for general reclamation requirements for recycling of wastewater for irrigation of crops. This is especially critical with this draught. State Water Board staff is committed to assisting with this need.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

General Waste Discharge Requirements (WDRs) Development

Eastern San Joaquin River Watershed WDRs

On 10 January, the Central Valley Water Board filed the administrative record and submitted a written response to petitions for review of the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed that are Members of the Third-Party Group Order R5-2012-0116. Three separate petitions were filed with the State Water Resources Control Board; petitions and responses can be found at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality/a2239_sanjoaquin_ag.shtml.

Grasslands Bypass Project

On 13 February, Regional Board staff attended the Technical Policy Review Team meeting for the Grassland Bypass Project in Firebaugh. The meeting discussed the Grassland Drainage Parties plan to manage drainage to 2019 with updates on current projects. Staff answered questions about the new WDR. A tour of the San Joaquin River Improvement Project (SJRIP) and the new Demonstration Treatment Plant preceded the meeting.

Staff is working on a draft administrative WDR that will reflect new compliance dates for meeting selenium objectives in Mud Slough(north) and incorporate relevant requirements from the Irrigated Land Regulatory Program. The administrative draft is expected to be released in April/May 2014.

Western San Joaquin River Watershed WDRs

On 9 January the Board adopted the Waste Discharge Requirements General Order for Growers within the Western San Joaquin River Watershed that are Members of a Third-Party Group, Order R5-2014-0002 (Order). By the 10 February deadline for submitting a Notice of Intent, only San Joaquin Valley Drainage Authority (Drainage Authority) applied to serve as a third-party to represent growers in the Western San Joaquin River Watershed. The Drainage Authority has been serving as the umbrella organization for the irrigated lands served by the Westside San Joaquin River Watershed Coalition since 2003. The Notice of Intent submitted by the San Joaquin Valley Drainage Authority is under review.

Coalition Groups

East San Joaquin Water Quality Coalition

On 13 January, the East San Joaquin Water Quality Coalition (Coalition) submitted the Groundwater Quality Assessment Report, and the Sediment Discharge and Erosion Assessment Report as required by the Waste Discharge Requirements General Order R5-2012-0116-R1. The Assessment Reports are under staff review, and will be discussed at a general Irrigated Lands Regulatory Program stakeholder meeting on 26 February in Modesto. The stakeholder meeting will be an opportunity for the Coalition to present key results from the assessment reports and answer any questions interested persons may have, and for the Central Valley Water Board staff to hear stakeholder comments before the review of the Assessment Reports is finalized.

On 14 January, the Central Valley Water Board received the Management Practices Evaluation Program (MPEP) Agreement for the Group Option for the East San Joaquin Water Quality Coalition, the San Joaquin County and Delta Water Quality Coalition, and the Westside San Joaquin River Watershed Coalition. The signed MPEP Agreement was received on 18 February. 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 MPEP agreement is under review.

On 17 January, the Coalition submitted a Farm Evaluation Survey and instructions for Coalition members. The Survey is based on the template approved on 9 December 2013 and includes minor modifications. The

Executive Officer approved the revised Farm Evaluation Survey template on 17 January. The approved template can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/forms/eastside_sjr_coalition/2014_0117_fe_survey.pdf

On 22 January, staff held the 21st quarterly meeting with the 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 24 January, the Executive Officer issued a letter to the Coalition. The letter informs the Coalition that once high vulnerability designations developed in the Groundwater Quality Assessment Report are approved, the Coalition must submit a Groundwater Quality Management Plan within 60 days.

On 28 January, the Executive Officer approved the Coalition's 23 September 2013 proposal for Management Plan Performance Goals and Measures schedule for the 2014-2016 priority subwatersheds. The proposed schedule is similar to the previously approved performance goals and measures, although the completion deadlines may change when the Coalition's Management Plan is updated on 1 May 2014 to conform to the Waste Discharge Requirements General Order R5-2012-0116-R1.

On 12 February, the Executive Officer sent a letter to the East San Joaquin Water Quality Coalition providing guidance for Surface Water Quality Management Plan (SQMP) update to conform to the requirements of the Waste Discharge Requirements General Order R5-2012-0116-R1 (Order). The updated SQMP must include a proposed timeframe for compliance. The letter clarifies how the compliance time schedule requirement should be applied to management plans that were developed and approved before the Order was adopted and how the compliance time schedule applies when it is unknown whether irrigated agriculture is causing or contributing to a water quality problem.

On 12 February, staff's review of the 2013 Annual Monitoring Report for the San Joaquin River Chlorpyrifos and Diazinon TMDL Compliance Monitoring prepared jointly by the East San Joaquin Water Quality Coalition and the Westside San Joaquin River Watershed Coalition (Coalitions) was provided to the Coalitions. The reports covers the period of 1 October 1 2011 through 30 September 2012. The review and the report are posted on the Central Valley Water Board website: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/management_plans_reviews/coalitions/east_sanjoaquin_waterquality/index.shtml.

On 13 February, the Executive Officer approved the Coalition's 4 June 2013 Silva Drain at Meadow Drive monitoring site removal request. In its letter and a follow-up technical memorandum, the Coalition provided sufficient evidence that the waterbody mistakenly monitored instead of Silva Drain does not discharge to other surface waterbodies, and that the monitored reach is not representative of agriculture in the area.

On 13 February, the Executive Officer approved the Coalition's revised Monitoring Program Update report for the 2014 water year, required by the Waste Discharge Requirements General Order R5-2012-0116-R1. The revised monitoring plan was submitted timely on 10 December, and adequately addressed all items requested in the 9 October 2013 conditional approval. The monitoring plan provides the surface water monitoring schedule through 30 September 2014.

Kings River Watershed Coalition Authority (KRWCA)

On 16 January, the KRWCA submitted their proposed Surface Water Monitoring Plan outline. On 19 February, the KRWCA submitted their proposed Groundwater Quality Assessment Report (GAR) outline. Staff is reviewing both documents.

From January 29th through February 21st, staff issued 7,305 outreach letters to potential growers within the KRWCA area. The outreach letters included an application to join the KRWCA, streamlining the grower sign-up process during the 180 day open enrollment period.

Sacramento Valley Water Quality Coalition (SVWQC)

On 17 January, the Executive Officer approved a change in monitoring locations for Pine Creek in Butte County. This change will provide more reliable flows for representative monitoring, especially during irrigation season.

On 24 January, the Executive Officer determined that the management plans for chlorpyrifos and for toxicity to *Ceriodaphnia* on Walker Creek in Glenn County had been completed. The SVWQC provided four years of monitoring results and documentation of extensive member outreach and education to show that the water quality problems in this waterway, and the waterways represented by Walker Creek, had been resolved.

On 30 January, Clay Rodgers, Joe Karkoski, and Alan Cregan met with the SVWQC and their consultants to discuss their proposed approach for their Groundwater Quality Assessment Report.

San Joaquin County and Delta Water Quality Coalition

On 6 February, the San Joaquin County and Delta Water Quality Coalition submitted its 2014 monitoring schedule. Staff will review the schedule and determine if it meets the minimum monitoring requirements as per the current conditional waiver requirements.

Westside Coalition

On 7 January, the Executive Officer approved the Westside San Joaquin River Watershed Coalition's Quality Assurance Program Plan. Staff determined that each element was adequately addressed in the QAPP.

On 8 January, the Executive Officer approved the Westside San Joaquin River Watershed Coalition's Focus Plan IV. The focus management plan identifies actions and performance goals to reduce pesticide detections, aquatic toxicity, and sediment discharge in the Blewett drain and Marshall Road Drain watersheds.

On 12 February staff held the Westside San Joaquin River Watershed Coalition quarterly meeting. Topics included a summary of prior quarter activity, QA/QC feedback package results, outreach status, and Order implementation.

On 12 February, staff provided a review of the combined Westside Joaquin River Watershed Coalition and East San Joaquin Water Quality Coalition's San Joaquin River chlorpyrifos and Diazinon 2012 Annual Monitoring Report. The review concluded that the diazinon and chlorpyrifos water quality objectives in the San Joaquin River are currently being met, although exceedances in some tributaries still occur.

Western Tulare Basin Area

Applications to serve as a third-party representing growers under General Order R5-2013-0120 (Tulare Lake Basin Area Irrigated Lands General Order) have been received from all prospective third-parties in the Tulare Lake Basin Area. Staff reviewed the applications and the Executive Officer issued a conditional Notice of Applicability (NOA) to the Kaweah, Tule, Kern, Western Kern, Cawelo, and Buena Vista Water Quality Coalitions. The conditional NOAs allow 14 days for the third-party to comment on the conditions of the notice. Staff anticipate meeting with the third-parties in the upcoming weeks to discuss their comments.

On 9 January, the Board adopted Order R5-2014-0001 Waste Discharge Requirement for Growers within the Western Tulare Lake Basin Area that are Members of a Third-party Group. On 3 February, the prospective Westlands Water Quality Coalition submitted an application to serve as a third-party representing growers under the Order. Staff reviewed the application and on 14 February the Executive Officer issued a conditional Notice of Applicability to the Westlands Water Quality Coalition.

Compliance and Enforcement

In February staff conducted foothill inspections in the East San Joaquin River Watershed looking for parcels that may have sediment discharges. Staff conducted inspections in the areas east of Oakdale and Modesto Reservoir following a significant storm event the weekend of February 8th and 9th. No significant sediment discharges were found by staff.

On February 11th, staff investigated two citizen complaints of excessive sediment discharges from a vineyard in the foothills east of Sacramento and a vineyard located west of Georgetown. In both cases staff found evidence of sediment discharges that warrant issuance of Notices of Violation. Further enforcement may be recommended by staff pending the results of the investigation.

Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections

In January and February, ILRP staff inspected 104 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.

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

In January, ILRP staff mailed pre-Administrative Civil Liability (ACL) letters to five growers who did not respond to 13260 Directives or subsequent Notices of Violation. An additional pre-ACL letter was mailed in February. None of these landowners has responded to date; staff therefore plans to issue ACL Complaints in these cases.

Other Projects

Data Management

Data from 2009 through 2012 for all Coalitions are available to the public on CEDEN. The latest transfer occurred in March and added data though late-2013 for most coalitions. The next transfer is planned for July 2014 and will add data through early-2014 for some coalitions. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in acceptable condition through 1 March 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 Coalition data 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 the Westside Coalition data by mid-2014. The next priority historical dataset will include data collected by the Sacramento Valley Water Quality Coalition between 2004 and 2008.

In August of 2013, CEDEN released the most updated and consolidated version of their electronic data templates. Over the course of 2014, 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 in an attached memo, as well as a schedule for future communications and updates to available resources and tools. A second communication was issued mid-March informing stakeholders of an update to the ILRP Data Submission Resource web page. This update provided links to the new templates as well as new resources and tools for assisting the transition.

Rice Pesticides Program

The draft 2013 Rice Pesticides Program report was reviewed by stakeholders and no comments required clarification/modification of the report. A final report with the required field sheets, chain of custody forms, and lab data sheets was received 24 January.

Nitrogen Management Plan Certification Training

In response to the Central Valley Water Board's and Central Coast Water Board's new irrigated lands requirements to address nitrates in groundwater, the California Department of Food and Agriculture, , the California Certified Crop Advisor Program and UC Agriculture and Natural Resources (UC ANR) developed

a Nitrogen Management Training Program. The Program is a joint effort to develop and implement a voluntary nitrogen management curriculum specifically targeted for California Certified Crop Advisors (CCAs). The goal of the program is to facilitate CCAs' understanding of sound nitrogen management practices and increase their ability to make informed recommendations to growers, thereby improving environmental performance relative to nitrogen management for crop production.

Central Valley Water Board staff have had input into the development of the curriculum and are serving as instructors for the portion of the training that addresses Water Board regulatory requirements.

On 14 January, Terry Bechtel presented at a nitrogen management training event CCA's held in Modesto. The presentation covered the ILRP and potential new grower requirements. The meeting was attended by approximately 160 CCA's.

On 18 February, Scott Perrou presented at a nitrogen management training event in Woodland. The presentation covered the same topics as the Modesto meeting, but was tailored to growers in the Sacramento River Watershed. The meeting was held in Woodland and attended by over 150 CCA's.

Information Management System Development

The new Orders being adopted by the board have resulted in the need to collect and manage more information. Staff is involved in a number of efforts to meet these new information management needs.

For growers who did not directly enroll with a Coalition during the allowed direct enrollment timeframe, an electronic Notice of Intent (eNOI) tool is available - <https://geotracker.waterboards.ca.gov/region5enoi/> . The eNOI is supported through the GeoTracker system. As the deadlines for growers to directly enroll with third-party groups pass, board staff intends to work with the State Board to have an eNOI for each third-party Order.

Staff is working with the State Water Board's Office of Information Management and Analysis (OIMA) and Division of Information Technology (DIT) to develop a pilot information management system to handle the tracking of thousands of parcels that are currently not enrolled in the ILRP. Staff is also participating in a state-wide effort with other regional water boards and the State Water Board to develop a comprehensive information management solution for the ILRP. OIMA staff is leading the effort in developing a Feasibility Study Report and water board program staff is identifying priority business needs.

TMDL/BASIN PLANNING

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 progress. The development of two draft staff reports has been initiated for the Sacramento POTW Case Study and the Region-wide MUN Evaluation Process Basin Plan Amendments. A draft water quality report evaluating the data collected in the Sacramento case study area is currently under review. Additional tasks are moving forward as scheduled in the work plan and in coordination with the contractors for the CEQA and economic evaluations.

MUN Meeting Participation

On 30 January, Anne Littlejohn and Jeanne Chilcott met with representatives from US EPA Region 9 in San Francisco to provide updates and receive feedback on the project.

More information on the project can be found at:

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

GENERAL

1. **Time Schedule Order for San Andreas Sanitary District**

On 15 January, under delegated authority by the Central Valley Water Board, the Executive Officer issued Time Schedule Order R5-2014-0900 for the San Andreas Sanitary District (Discharger) Wastewater Treatment Plant (Facility). The Discharger owns and operates the Facility located at 675 Gold Oak Road in San Andreas, California, Calaveras County. The Facility discharges seasonally up to 0.9 million gallons per day of nitrified, filtered effluent to the North Fork of the Calaveras River, a water of the United States. The United States Environmental Protection Agency and the Central Valley Regional Water Quality Control Board (Central Valley Water Board) have classified the discharge as a minor discharge.

Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2009-0007 (NPDES Permit) and Time Schedule Order (TSO) R5-2009-0008, adopted by the Central Valley Water Board on 5 February 2009. The NPDES permit contains effluent limitations for cyanide, copper, and zinc. TSO R5-2009-0008 contains compliance schedules that expire on 1 February 2014. The Discharger has made diligent efforts to comply with the final effluent limitations for cyanide, copper, and zinc through the construction of tertiary filtration, however, the Discharger has demonstrated that additional time is needed to comply. Therefore, the new Time Schedule Order extends the time schedule for compliance with these final effluent limitations until 1 December 2018.

2. **Storm Water Grant Program**

The State Water Board Round 2 of the Storm water Grant Program (SWGP) funds are to be used to provide matching grants to local public agencies for the reduction and prevention of storm water contamination of rivers, lakes, and streams. Approximately \$33.6 million from Proposition 84 SWGP and approximately \$4.8 million Proposition 40 Urban Storm water will be available for award to implementation projects during the second solicitation. The awarding of grant funding through the SWGP is a competitive process. The application is a two-step process that began with the submittal of Concept Proposals. On 20 December 2013 the 41 most competitive Concept Proposals were called back for full proposals. Of the 41 full proposal applicants three are within the Sacramento River Basin and two are within the Tulare Lake Basin requesting approximately \$4 million in grant funding for projects in each basin.

Central Valley Water Board staff will provide assistance to the State Water Board in the technical review of full proposals within Region 5 during March 2014.

3. **Onsite Wastewater Treatment Systems**

On 19 June 2012, State Board adopted *Policy for the Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems* (OWTS Policy). The Policy ranks OWTS by generally increasing Environmental Risk Tiers and will become a conditional waiver of waste discharge requirements when fully implemented. Tiers 0 and 1 OWTS, lowest risk, will not require Local Agencies to modify existing regulations. For Tier 2, Local Agencies will submit a Local Agency Management Program (LAMP) for Regional Water Board approval. Once approved, the LAMP will supersede the requirements of Tier 1. Central Valley Water Board staff has begun implementing the Policy. In February 2014, the Redding, Rancho Cordova, and Fresno offices sent requests for letters of commitment from Local Agencies for Tier 2. By 13 May 2014, Local Agencies should provide us with their intention either to submit LAMPs, or comply with Tier 1 requirements. Staff will coordinate meetings with Local Agencies to further discuss the Policy; requirements for reporting, financial assistance through State Board, and technical guidance for LAMPs.

4. **Chico Urban Area Nitrate Compliance Program**

Due to historically high nitrate concentrations in Chico Area private domestic wells, and high density onsite wastewater treatment systems (OWTS), in 1990 the Central Valley Water Board issued Prohibition Order 90-126. The Order is a Basin Plan Amendment that prohibits new OWTS within the Greater Chico Area. To comply with the Order, the Butte County Public Health Department formed County Service Area 114 (CSA 114). CSA 114 funds evaluations of remedial technologies, OWTS decommissioning, sanitary sewer installation projects, and groundwater monitoring to assess potential improvement in water quality. However, groundwater monitoring to date has not closely focused on areas of OWTS

decommissioning and sewer connections. Therefore, on 1 July 2013, staff requested an amended sampling and analysis plan of key monitoring wells in such areas. In January 2014, CSA 114 submitted a draft plan, and staff has provided technical comments. Focused monitoring should begin later this year.

5. **Red Bluff Antelope Blvd Area Nitrate Study**

In 2002, DWR conducted a study of nitrate in domestic wells near Antelope Blvd, Red Bluff, Tehama County. Results of the 2002 study showed that of 88 private domestic wells sampled, approximately 20 percent contained nitrate above the MCL. DWR recently contacted the Redding Office for our assistance with resampling of these wells. In addition to DWR resampling all wells for nitrate, the Central Valley Water Board funded analyses on a limited number of wells for the conservative tracer sucralose, general minerals, and stable isotopes. On 1 & 2 October 2013, Redding Office staff assisted with fieldwork. Staff will further assist DWR with preparation of their report, which will combine data gathered in 2002 and 2013. Water Board staff is coordinating with both DWR and USGS with data analysis and mapping.

PUBLIC OUTREACH

On 9 January 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 fourth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 200 people world-wide attended this training.

On 9 January, Gen Sparks met with Tracy Unified School District to discuss first and second year permit requirements under the new Phase II MS4 permit. Attendees discussed permit compliance, suggested ideas on how to meet permit requirements, and requested clarification on implementation of low impact development measures on their facilities.

On 15 January, Patrick Morris, Chris Foe and Janis Cooke participated in a meeting of the Delta Tributaries Mercury Council. Patrick briefly described progress in development of the Statewide Mercury Control Program. Also discussed was a study by Moss Landing Marine Laboratory showing a reduction in water with high concentrations of methylmercury after the water is passed through a permanent wetland.

On 15 January, 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 implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit, and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site.

On 17 January, Tessa Fojut gave a presentation entitled "Pesticide Impairments in the Central Valley" to approximately 50 pesticide applicators at the California Association of Pest Control Advisors continuing education class in Colusa.

On 21 January, Gen Sparks met with the Yolo-Solano Storm Water Group to review first year permit requirements and provide clarification on upcoming permit requirements under the new Phase II MS4 permit. Attendees discussed possible integration in the planned Region-wide MS4 Permit, leveraging resources across their membership and the possibility of regional monitoring and public education/outreach efforts.

On 21 January, James Taylor attended a public meeting presenting the U.S. Environmental Protection Agency's (EPA) Proposed Plan for 43 Installation Restoration Program sites at the former McClellan Air Force Base. The 43 sites require remedial action within areas referred to as the "Finding of Suitability for Early Transfer" (FOSET) #2 Property. EPA will review and consider all public comments received during the public comment period before making the final cleanup decision, which will be documented in the FOSET #2 Action Sites Record of Decision. EPA, in consultation with State regulatory agencies represented by the Department of Toxic Substances Control and Central Valley Regional Water Quality Control Board, will decide how the contamination will be cleaned up.

On 21 and 22 January, Ben Letton attended the 9th Annual California Rangeland Coalition Summit in Oakdale, CA. Mr. Letton was one of several Regional Board representatives present who are involved in the Grazing Regulatory Action Project (GRAP). A variety of topics were covered at the summit including: forage production, water quality, conservation easements, conversion of rangelands to row crops and orchard, and managing rangelands for wildlife benefits.

On 23 January Alex MacDonald and James Taylor presented updates on the cleanup activities at Aerojet and the Inactive Rancho Cordova Test Site, and the former McClellan Air Force Base, respectively, to the Sacramento Groundwater Authority. This meeting is held to provide communication between Regional Water Board staff and the water purveyors in Sacramento County.

On 28 January, Shane Edmunds, Jaqueline Matthews and Guy Chetelat participated in the Battle Creek Working Group meeting in Red Bluff. We summarized Regional Board staff actions regarding water-quality

monitoring and the need to focus on sediment discharges from dirt roads in this important salmon-habitat watershed.

On 28 January, Guy Chetelat participated in the Sacramento River Watershed Forum roundtable held in Willows. The roundtable was sponsored by Sacramento River Watershed Program and covered watershed program funding, Sacramento River Watershed Program planning, drought impacts, and the Irrigated Lands Program.

On 30 January, Tessa Fojut gave technical testimony at the Central Coast Water Board meeting regarding the proposed Basin Plan Amendment to adopt TMDLs for Toxicity and Pesticides in the Santa Maria Watershed which was adopted by the Central Coast Water Board.

On 30 January, Patrick Morris and Janis Cooke met with staff from the Sierra Nevada and Delta Conservancies to discuss possibilities for sharing information and coordinating education and outreach activities for reducing human consumption of contaminants in fish. The Sierra Nevada Conservancy currently partners with nonprofit organizations and communities in the Sierra area to deliver resources. If education and outreach activities conducted with the Department of Public Health were to be expanded beyond the Delta and San Francisco Bay, the Sierra Nevada Conservancy is willing to assist with coordination in their jurisdiction.

On 7 February, Angela Wilson, program manager for the timber harvest program out of the Redding office, presented at and sat on a panel for the Sierra Cascade Logger Conference on the topic of Regulatory Agencies' Perspective on Logging Operations. The presentation was well-received by attending licensed timber operators and registered professional foresters. Debra Hallis also attended the conference.

On 11 February, Ken Landau and Joe Karkoski met with staff and management from the National Marine Fisheries Service to discuss priorities of our respective agencies and opportunities for coordination.

On 12 February, Pamela Creedon, Ken Landau, Joe Karkoski, and Susan Fregien met with wetland managers from the US Fish & Wildlife Service, California Department of Fish & Wildlife, and several non-governmental organizations to discuss options for the regulation of discharges from managed wetlands. The wetland managers have formed a small workgroup, who will work with staff to identify potential options.

On 12 February, Guy Chetelat attended the Sacramento River Watershed Program stakeholders meeting in Chico. Watershed stewardship and restoration leaders from Shasta, Siskiyou, Butte, Tehama, Lassen, Modoc, Plumas, Glenn, Yuba, Sutter, and Colusa Counties discussed achievements and future opportunities.

On 18 February, Chris Foe and Janis Cooke attended a one day symposia on the lower food web of the Bay-Delta Estuary at UC Davis.

On 25 February, Tessa Fojut attended a tour of vegetated waterways for water quality improvements in Yolo County that was organized by the East and West Stanislaus Resource Conservation Districts.

On 26 February, Matt Scroggins and Robert Lira attended the Merced Storm Water Group meeting in Merced. The Merced Storm Water Group consists of Merced County/City, City of Atwater, City of Los Banos, and the City of Livingston. The purpose of the meeting was to discuss various requirements in State Water Board's Phase II Municipal Separate Storm Sewer Systems General Permit. Topics covered include: Post Construction BMPs, TMDL Monitoring, Education and Outreach, and first year requirements.

On 27 February 2014, Russell Walls, Shelton Gray, Ken Jones, Jeff Hannel, and Jan Alfson with the UST and Site Cleanup programs in the Fresno office, and two project staff with DTSC, met with Benjamin Camarena, Project Outreach Specialist for the High-Speed Rail Authority (HSRA), and his staff regarding UST, Site Cleanup and DTSC projects within the boundary of the first construction section of the proposed High-Speed Rail alignment between Madera and downtown Fresno. The closed, open and active project sites were identified on the project maps and their current status discussed. Agency staff will work with the HSRA staff and their consultants regarding the resolution of the environmental issues associated with specific sites based on site acquisition priority. Additional meetings will be held as the project progresses.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATE

January 1, 2014 through February 19, 2014

Promotions:

Marty Hartzell – Sr. EG
Richard Muhl – Sr. ES

Leave of Absence:

None

Return from LOA:

Lauria Molitoris - Office Technician
Leticia Valadez - Staff Chemist
Houa Yang – Student Assistant

222.7 Authorized

Permanent Staff

12 Vacant Positions

Separations	New Hires
Drew Coe – EG Matthew Boone - ES	

Temporary Help Positions

Separations	New Hires
Julia Walker – Student Assistant	William Schmidt – Student Assistant Holly Timmons – Student Assistant Chris Day – Student Assistant Deirdre Asay – Student Assistant Lewis Lummen – Student Assistant

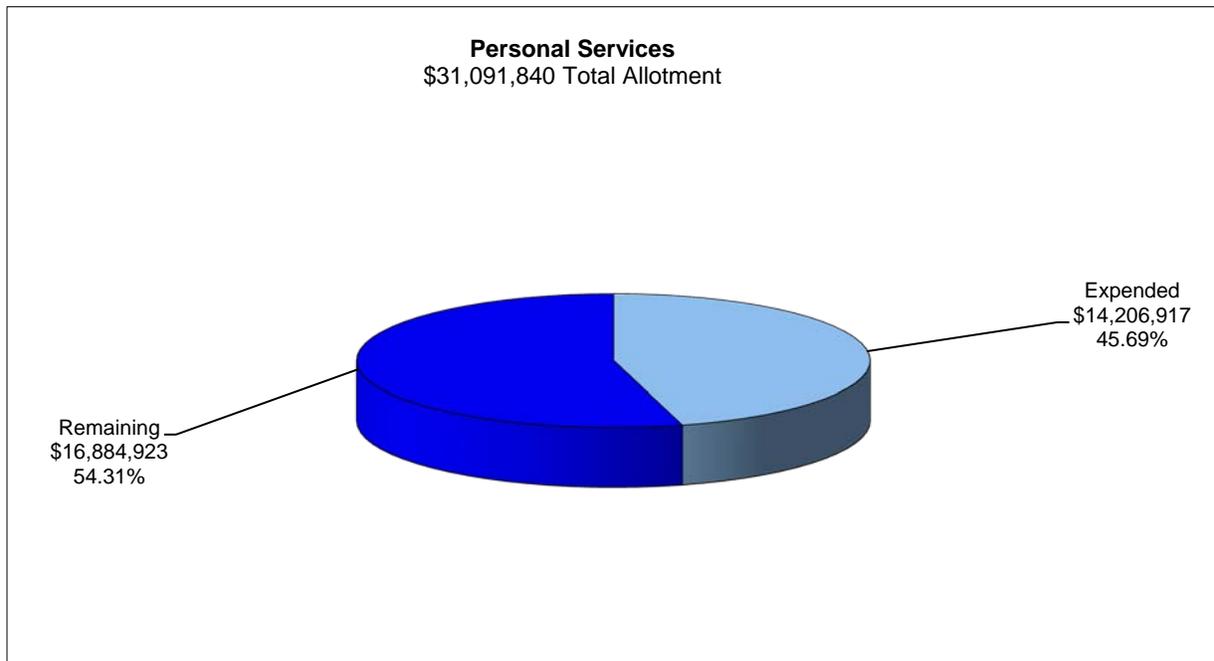
TRAINING UPDATE
January 1, 2014 through February 19, 2014

Class Title	Number of Attendees
9th Annual CA Rangeland Conservation Coalition Summit	1
AED CPR - AHA Heartsaver AED	1
ASBOG & California Supplemental Exam Review	1
Biochemical Reactors for Treating Mining Influenced Water	1
CA Rangeland Coalition 9th Annual Summit	2
CASQA Quarterly Meeting	1
Contract Manager Training	4
Defensive Drivers	43
First Aid / CPR	1
GRACast Web Seminar Salt & Nutrient Mgt Series - CV Salt	3
HAZWOPER Refresher Training	1
Industrial Storm Water Inspectionpalooza	7
Introduction to ArcGIS for the Water Boards	1
Leadership 2014 Saying Yes, No, Maybe	25
Legal and Regulatory Framework for Environmental Management	1
NPDES Wastewater Facility Inspections Training	2
OSHA GHS	35
PE Exam Review Course	1
Seismic Design Review Course	2
Verbal Judo for Inspectors	2

FISCAL UPDATE
Expenditures through December 2013
(50% should have been expended to date)

Personal Services:

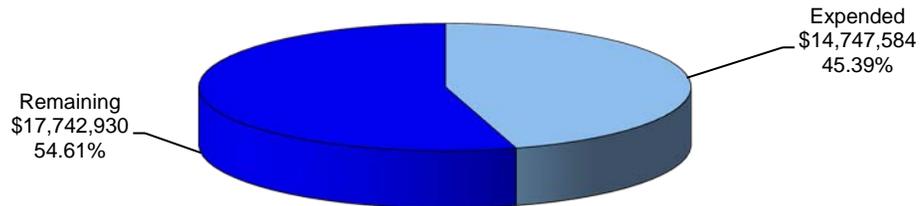
Our Personal Services budget for the 2013/14 Fiscal Year is \$31,091,840. At our current rate of expenditure there will be a significant savings in personal services.



Operating Expenses:

Our Operating Expense budget for the 2013/14 Fiscal Year is \$32,490,514. We anticipate that we will fully expend these funds.

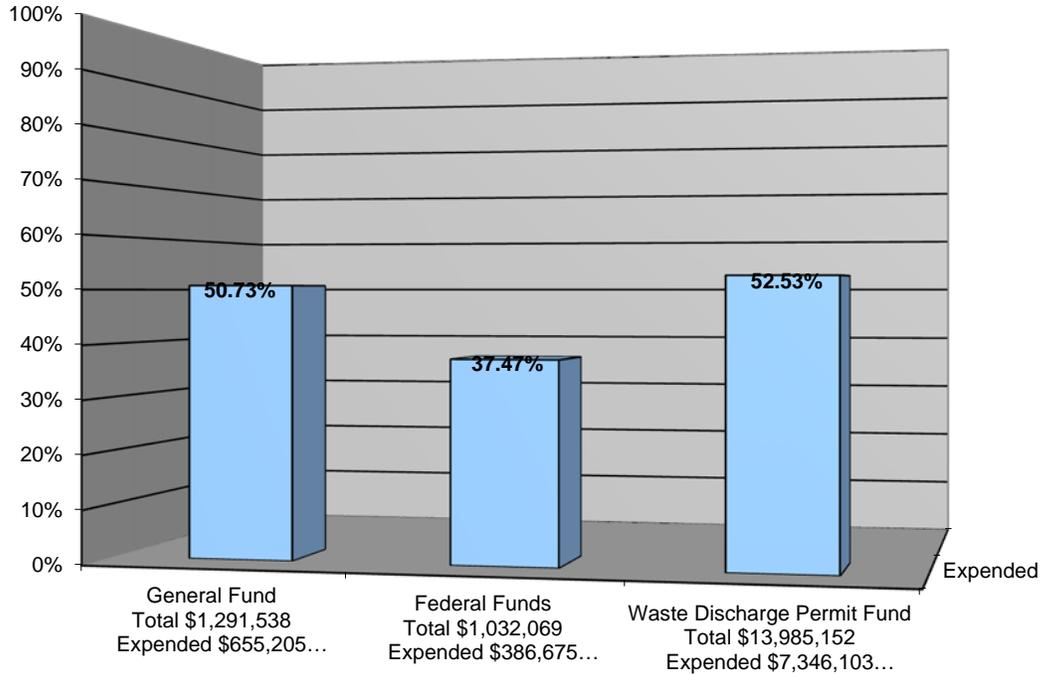
Operating Expenses
 \$32,490,514 Total Allotment



Key Fund Issues:

All key funds are being expended at a reasonable level.

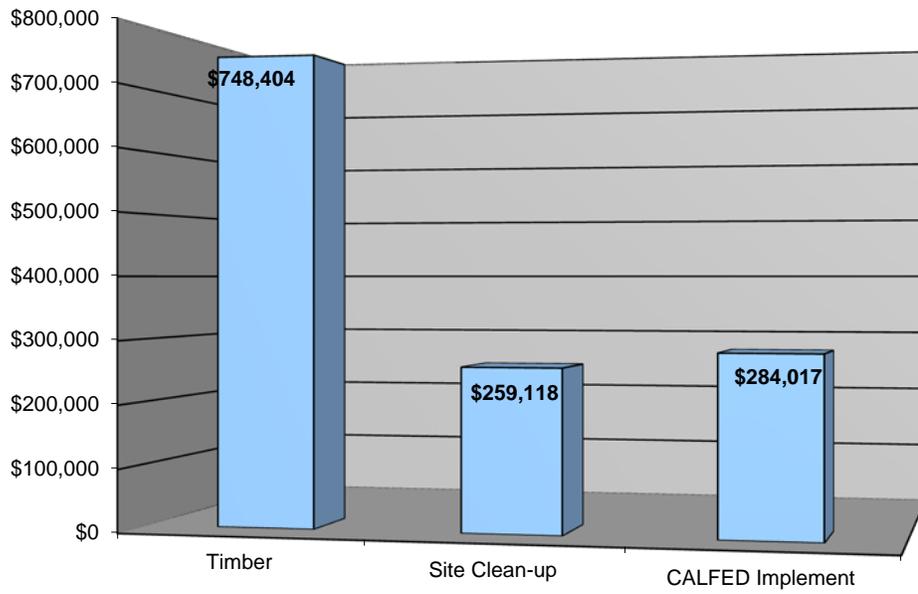
Key Funds



General Fund Resources:

Our General Fund budget for the 2013/14 Fiscal Year is \$1,291,539.

General Fund Resources
 \$1,291,539 Total Allotment



	Timber	Site Clean-up	CALFED Implement
Alloted Amount	\$748,404	\$259,118	\$284,017
% of Total General Fund	57.95%	20.06%	21.99%

FISCAL REPORT

Our State Board Budget Office is in the process of updating the fiscal data tracking system. No budget or expenditure information is available at this time.

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.

JUNE 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- City of Anderson WWTP Permit Renewal
- City of Stockton Regional Wastewater Control Facility Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal
- City of Visalia WWTP Permit Renewal
- City of Williams WWTP Permit Renewal
- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- Mather AFB Groundwater Treatment System Permit Rescission
- Town of Discovery Bay WWTP Permit Renewal
- Yosemite National Park, El Portal WWTF Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Bianchi Vineyards (Revised WDRs)
- City of Dixon, Dixon WWTF (Revised WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- Compost Solutions (Revised WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)
- Paramount Farms, King Facility (Revised WDRs)
- Shasta Renewable Resources LLC (New WDRs)
- Sunny Gem Almond Plant, Kern (New WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Wilbur Packing, Yuba City Prune Processing Facility (New WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Glenn County Class III Landfill (Revised WDRs)
- Hanford Landfill (Revised WDRs)
- Orange Avenue Landfill (Revised WDRs)
- Red Hill Mine (Revised WDRs)
- Stonyford Landfill, Site 2 (Revised WDRs)
- Timm Mine (Revised WDRs)
- Zenda Mine (Revised WDRs)

AUGUST 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- 16 to 1 Mine Permit Issuance
- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Merced WWTF Permit Renewal
- City of Turlock WWTP Time Schedule Order
- San Andreas Sanitary District WWTP Permit Renewal
- Sierra Pine Ltd. – Ampine Division Permit Renewal
- SPI-Burney Permit Renewal

- Tehama Co/Mineral WWTP Permit Renewal

STORM WATER PROGRAM – PERMITTING

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

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Delano Growers Grape Products (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Sacramento Rendering Company, Sacramento Rendering Facility (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)

OCTOBER 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- City of Woodland Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- Malaga CWD Permit Renewal
- Stallion Springs Permit Renewal

PENDING ACTIONS BUT NOT YET SCHEDULED FOR A BOARD MEETING

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 Modesto Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Stockton/San Joaquin County Municipal Separate Storm Sewer System Permit (Permit Renewal)

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Almanor Lakeside Villas (Revised WDRs)
- Berrendos CSD Treatment System (Revised WDRs)
- Butte CSA, Stirling City Ponds (Revised WDRs)
- CA Department of Forestry, Devils Garden Conservation Camp (Revised WDRs)
- CA Department of Forestry, Valley View Conservation Camp (Revised WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Revised WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- City of Farmersville (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)
- City of Lathrop, Lathrop/Califia WWTF (Revised WDRs)
- City of Newman, Newman WWTF (Revised WDRs)
- City of Redding, Redding Power (Revised WDRs)
- Del Monte Plant 24 (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)

- Gateway Village WWTF (New WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- Seneca Mine (New WDRs)
- Syngenta Seed, Woodland Seed Processing Facility (Revised WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

- Grasslands Bypass Project (Revised WDRs)

ATTACHMENT A

Sanitary Sewer Spills - Summary Report

Count of Spills 19 December 2013 - 18 February 2014

Count of Spills	5F			5F Total	5R			5R Total	5S			5S Total	Grand Total
	Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		
December	0	2	5	7	1	0	3	4	3	2	84	89	100
January	0	1	8	9	1	0	3	4	8	2	47	57	70
February	1	0	3	4	1	0	1	2	4	0	10	14	20
Grand Total	1	3	16	20	3	0	7	10	15	4	141	160	190

Spill Cause	Count of Spills	%
Root Intrusion	85	45%
Debris-General	43	23%
Grease Deposition (FOG)	27	14%
Debris-Rags	16	8%
Other	7	4%
Pipe Structural Problem/Failure	5	3%
Debris from Construction	4	2%
Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure	1	1%
Non-Dispersables	1	1%
Vandalism	1	1%
Grand Total	190	

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

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

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

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

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

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5R	Mt Shasta CS	803252	Category 1	Certified	Alma Street	Siskiyou	Yes	91,537	91,537	01/26/14	Pipe Structural Problem/Failure
5S	San Andreas CS	803484	Category 1	Certified	MH E-1100	Calaveras	Yes	35,000	35,000	02/03/14	Debris-General
5S	City Of Antioch CS	803124	Category 1	Certified	102 W 10th St	Contra Costa	Yes	19,875	19,375	01/16/14	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	802120	Category 1	Certified	99595	Sacramento	Yes	11,100	11,100	12/20/13	Grease Deposition (FOG)
5R	City Of Oroville CS	803715	Category 1	Certified	MH-76	Butte	Yes	7,125	7,125	02/08/14	Root Intrusion
5S	South Placer Mud CS	802051	Category 1	Certified	2660 South Whitney Blvd	Placer	Yes	5,000	4,763	12/20/13	Root Intrusion
5S	City of Stockton MUD CS	803165	Category 1	Certified	409 McCloud Ave.	San Joaquin	Yes	4,200	4,200	01/11/14	Root Intrusion
5F	MD-19A Parkwood CS	801979	Category 2	Certified	I/O Conrad and San Carlos	Madera	No	3,600	0	12/19/13	Other (specify below)
5R	Red Bluff CS	803274	Category 1	Certified	Tehama County Jail 502 Oak Street	Tehama	Yes	3,021	621	12/28/13	Debris-Rags
5S	Sacramento Area Sewer District CS	802364	Category 2	Certified	100517	Sacramento	No	2,800	0	12/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802119	Category 1	Certified	99571	Sacramento	Yes	2,650	2,540	12/20/13	Debris from Construction
5S	City of Sacramento Utilities CS	802542	Category 2	Certified	2922 MARYSVILLE BLVD, SACRAMENTO, CA	Sacramento	No	1,966	0	01/07/14	Pipe Structural Problem/Failure
5S	Grass Valley City CS	802397	Category 1	Certified	Dorsey Drive (1255 East Main)	Nevada	Yes	1,950	1,300	01/03/14	Debris from Construction
5S	San Andreas CS	803125	Category 2	Certified	Manhole at treatment plant	Calaveras	No	1,500	0	01/23/14	Debris-General
5S	City of Stockton MUD CS	802036	Category 2	Certified	2062 Madrid Dr.	San Joaquin	No	1,180	0	12/20/13	Debris from Construction
5F	SA-3 Parkdale CS	802561	Category 2	Certified	28150 Posey Ave	Madera	No	1,100	0	01/08/14	Grease Deposition (FOG)
5F	Wasco State Prison CS	802173	Category 2	Certified	WASCO STATE PRISON-RECEPTION CENTER	Kern	No	1,025	0	12/24/13	Debris-General
5S	Amador City CS	803620	Category 1	Certified	Manhole 114A next to Amador Creek behind 10611 Fleehart Street	Amador	Yes	1,000	1,000	02/07/14	Grease Deposition (FOG)
5S	Colfax CS	802922	Category 3	Certified	Manhole near Whitcomb on South Auburn Street	Placer	No	900	0	01/18/14	Debris-Rags
5S	Modesto CS	802089	Category 3	Certified	3001 Keller St	Stanislaus	No	870	0	12/22/13	Debris-General
5S	Modesto CS	803478	Category 3	Certified	2904 Cache Creek Way	Stanislaus	No	759	0	02/01/14	Grease Deposition (FOG)
5S	Amador City CS	803207	Category 1	Certified	Cleanout at rear patio at 14211 State Highway 49 near Manhole 116	Amador	Yes	700	700	01/25/14	Grease Deposition (FOG)
5S	City Of Antioch CS	803120	Category 1	Certified	2836 Dandelion Circle	Contra Costa	Yes	618	290	01/20/14	Root Intrusion
5S	City of Stockton MUD CS	803516	Category 3	Certified	4450 Dorset St. Stockton Ca.	San Joaquin	No	616	0	02/04/14	Debris-General
5S	Grass Valley City CS	803211	Category 3	Certified	595 East Main Street	Nevada	No	550	0	01/23/14	Grease Deposition (FOG)
5F	Selma-Kingsburg-Fowler CS	803743	Category 1	Certified	1200 Kern Kingsburg, Ca 93631	Fresno	Yes	500	250	02/11/14	Debris-Rags
5S	Riverbank CS	802731	Category 3	Certified	2525 Patterson Road	Stanislaus	No	500	0	12/23/13	Other (specify below)
5F	MD-7 Marina View CS	802180	Category 3	Certified	37730 Shoreline Dr	Madera	No	500	0	12/26/13	Root Intrusion
5S	City of Stockton MUD CS	802369	Category 3	Certified	527 N. Van Buren St.	San Joaquin	No	398	0	12/28/13	Debris-General
5S	White Slough Water Poll Con Pu CS	803893	Category 3	Certified	316 S. Lee Ave	San Joaquin	No	300	0	01/28/14	Debris-General
5S	City of Stockton MUD CS	803845	Category 3	Certified	5611 Blackoak Ct. Stockton Calif.	San Joaquin	No	300	0	02/11/14	Grease Deposition (FOG)
5S	City Of Antioch CS	803020	Category 3	Certified	4504 Shannondale Drive	Contra Costa	No	270	0	12/28/13	Debris-Rags
5S	California State University, Sacramen	803430	Category 1	Certified	Paved pathway between Univesity Union and Santa Clara Hall	Sacramento	Yes	250	150	01/28/14	Debris-General
5R	Redding City CS	803479	Category 3	Certified	Manhole P12-4, located in the Orion Way ROW adjacent to 3600 Orion	Shasta	No	250	0	01/20/14	Other (specify below)
5S	Hangtown Creek CS	803583	Category 1	Certified	2815 Northridge Street	El Dorado	Yes	225	225	02/05/14	Debris-Rags
5S	Sacramento Area Sewer District CS	803091	Category 3	Certified	100062	Sacramento	No	214	0	12/23/13	Debris-General
5F	Wasco State Prison CS	802284	Category 3	Certified	Wasco State Prison	Kern	No	200	0	12/21/13	Debris-Rags
5F	Wasco State Prison CS	802288	Category 3	Certified	Wasco State Prison	Kern	No	200	0	12/21/13	Debris-Rags
5S	Sacramento Area Sewer District CS	803006	Category 3	Certified	99911	Sacramento	No	185	0	12/24/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803087	Category 3	Certified	100203	Sacramento	No	181	0	12/27/13	Root Intrusion
5S	City of Stockton MUD CS	802818	Category 3	Certified	1302 Castle Oaks Dr. Stockton Ca	San Joaquin	No	175	0	01/15/14	Grease Deposition (FOG)
5S	City of Stockton MUD CS	802354	Category 3	Certified	7226 Richland Way	San Joaquin	No	151	0	12/27/13	Debris-General
5S	Angels Camp CS	802985	Category 1	Certified	303 Baker Street	Calaveras	Yes	150	150	01/17/14	Grease Deposition (FOG)
5F	Wasco State Prison CS	803512	Category 3	Certified	Wasco State Prison	Kern	No	150	0	01/07/14	Debris-Rags
5F	Taft City CS	803043	Category 3	Certified	Taft College Daycare Facility	Kern	No	150	0	01/21/14	Debris-Rags
5S	Manteca CS	803848	Category 3	Certified	1063 Kyle Pl	San Joaquin	No	146	0	01/29/14	Grease Deposition (FOG)
5S	Hangtown Creek CS	802550	Category 3	Certified	Washington and Ridge	El Dorado	No	135	0	01/06/14	Debris-General
5S	Sacramento Area Sewer District CS	803019	Category 3	Certified	100428	Sacramento	No	130	0	12/31/13	Root Intrusion
5S	Ceres CS	802436	Category 3	Certified	Steele Ave. at Mock Ave.	Stanislaus	No	122	0	01/05/14	Grease Deposition (FOG)

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	City of Woodland CS	803094	Category 3	Certified	1601 Sixth St	Yolo	No	117	0	01/06/14	Root Intrusion
5S	Sacramento Area Sewer District CS	802957	Category 1	Certified	102016	Sacramento	Yes	111	101	01/16/14	Root Intrusion
5S	City Of Auburn CS	803760	Category 1	Certified	135 Hidden Creek SSO	Placer	Yes	100	75	02/09/14	Vandalism
5F	North of River Sanitary District #1 CS	803371	Category 3	Certified	415 Woodrow unit A	Kern	No	100	0	01/03/14	Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure
5R	Mt Shasta CS	802293	Category 3	Certified	Manhole #344-Forest St., between Mill and Berry Streets	Siskiyou	No	100	0	12/29/13	Debris-General
5F	Wasco State Prison CS	803507	Category 3	Certified	Wasco State Prison	Kern	No	100	0	01/24/14	Debris-Rags
5S	Easterly CS	802142	Category 3	Certified	951 Merchant st	Solano	No	100	0	12/24/13	Grease Deposition (FOG)
5F	Atwater CS	803626	Category 3	Certified	Bellevue & Buhach	Merced	No	100	0	02/09/14	Grease Deposition (FOG)
5S	City of Stockton MUD CS	802376	Category 3	Certified	2520 E. Poplar St	San Joaquin	No	91	0	12/28/13	Debris-General
5F	City of Fresno CS	803362	Category 3	Certified	2647 N. Weber	Fresno	No	88	0	12/28/13	Grease Deposition (FOG)
5S	City of Stockton MUD CS	803824	Category 3	Certified	1221 E. Fremont St.	San Joaquin	No	85	0	02/11/14	Root Intrusion
5S	Olivehurst CS	803242	Category 3	Certified	Aspen Way	Yuba	No	80	0	01/26/14	Grease Deposition (FOG)
5S	City of Stockton MUD CS	802817	Category 3	Certified	2651 Colorado St.	San Joaquin	No	79	0	01/15/14	Debris-General
5F	Wasco State Prison CS	803511	Category 3	Certified	Wasco State Prison	Kern	No	75	0	01/07/14	Debris-Rags
5F	Selma-Kingsburg-Fowler CS	802545	Category 3	Certified	2860 Logan Street	Fresno	No	75	0	01/08/14	Grease Deposition (FOG)
5S	Angels Camp CS	803324	Category 3	Certified	303 Baker St.	Calaveras	No	75	0	01/26/14	Pipe Structural Problem/Failure
5S	Southeast Regional Waste Disp Fac CS	802574	Category 3	Certified	3851 Country Club Drive, Clearlake, CA 95422	Lake	No	72	0	01/08/14	Debris-General
5S	City of Stockton MUD CS	803528	Category 3	Certified	1705 S. San Joaquin St.	San Joaquin	No	63	0	02/05/14	Debris-General
5S	City of Stockton MUD CS	803532	Category 3	Certified	124 W. Worth St.	San Joaquin	No	61	0	02/05/14	Debris-General
5S	City of Stockton MUD CS	803244	Category 3	Certified	202 Morada Ln.	San Joaquin	No	59	0	01/27/14	Root Intrusion
5S	Easterly CS	802028	Category 3	Certified	951 Merchant st	Solano	No	57	0	12/20/13	Grease Deposition (FOG)
5S	City of Stockton MUD CS	803021	Category 3	Certified	828 Morada Ln.	San Joaquin	No	57	0	01/21/14	Root Intrusion
5S	City of Stockton MUD CS	803168	Category 3	Certified	1145 S. Hunter St.	San Joaquin	No	57	0	01/23/14	Root Intrusion
5S	City of Stockton MUD CS	802762	Category 3	Certified	6508 Village Green Dr.	San Joaquin	No	53	0	01/10/14	Grease Deposition (FOG)
5S	City of Woodland CS	803099	Category 3	Certified	239 Weber Street	Yolo	No	52	0	01/09/14	Root Intrusion
5F	Wasco State Prison CS	802294	Category 3	Certified	Wasco State Prison	Kern	No	50	0	12/26/13	Debris-Rags
5R	Red Bluff CS	802719	Category 3	Certified	15 Cabernet Ct.	Tehama	No	50	0	01/09/14	Grease Deposition (FOG)
5F	Tuolumne Utilities District CS	803888	Category 3	Certified	manhole next to unit #8	Tuolumne	No	50	0	02/16/14	Root Intrusion
5S	City of Woodland CS	803023	Category 3	Certified	128 Bemmerly Way	Yolo	No	45	0	12/25/13	Root Intrusion
5S	City of Woodland CS	803131	Category 3	Certified	113 Kern Ave.	Yolo	No	45	0	01/10/14	Root Intrusion
5S	City of Stockton MUD CS	802752	Category 3	Certified	2559 Plantation Pl.	San Joaquin	No	42	0	01/10/14	Debris-General
5S	City of Stockton MUD CS	802350	Category 3	Certified	5650 Kermit Ln.	San Joaquin	No	38	0	12/27/13	Debris-General
5S	City of Woodland CS	803403	Category 3	Certified	638 Fifth St.	Yolo	No	38	0	01/29/14	Debris-General
5S	Sacramento Area Sewer District CS	802562	Category 3	Certified	99813	Sacramento	No	35	0	12/23/13	Debris-General
5S	City of Stockton MUD CS	803384	Category 3	Certified	8110 Tam O Shanter Dr	San Joaquin	No	33	0	01/30/14	Debris-General
5S	Grass Valley City CS	803148	Category 3	Certified	Catherine Lane 211 B	Nevada	No	30	0	01/23/14	Debris from Construction
5S	Modesto CS	802615	Category 3	Certified	1820 Serena Ave	Stanislaus	No	30	0	01/04/14	Grease Deposition (FOG)
5S	City of Stockton MUD CS	802705	Category 3	Certified	4860 Kentfield Rd.	San Joaquin	No	26	0	01/09/14	Root Intrusion
5R	Mt Shasta CS	802533	Category 3	Certified	McCloud Ave. at Washington Dr. - Manhole #325	Siskiyou	No	25	0	12/31/13	Debris-General
5S	City of Stockton MUD CS	802523	Category 3	Certified	6820 Pacific Ave.	San Joaquin	No	25	0	01/06/14	Debris-General
5S	Southeast Regional Waste Disp Fac CS	802271	Category 3	Certified	7377 Lakeland Dr.	Lake	No	25	0	12/30/13	Grease Deposition (FOG)
5S	City of Stockton MUD CS	802749	Category 3	Certified	3362 Admiral Dr.	San Joaquin	No	25	0	01/10/14	Grease Deposition (FOG)
5R	Red Bluff CS	802372	Category 3	Certified	130 Lassen Veiv	Tehama	No	25	0	12/26/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802516	Category 3	Certified	100132	Sacramento	No	25	0	12/26/13	Root Intrusion
5S	City of Stockton MUD CS	802814	Category 3	Certified	740 Dundee Way Stockton Ca.	San Joaquin	No	24	0	01/15/14	Root Intrusion
5S	Sacramento Area Sewer District CS	803013	Category 3	Certified	100128	Sacramento	No	22	0	12/27/13	Root Intrusion
5S	City of Sacramento Combined CS	802348	Category 3	Certified	1301 34th Street	Sacramento	No	21	0	12/27/13	Other (specify below)
5S	Sacramento Area Sewer District CS	802564	Category 3	Certified	100134	Sacramento	No	21	0	12/26/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802521	Category 3	Certified	100439	Sacramento	No	21	0	12/31/13	Root Intrusion
5S	City of Stockton MUD CS	803490	Category 3	Certified	8525 Sol Ct.	San Joaquin	No	21	0	02/04/14	Root Intrusion

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	802513	Category 3	Certified	99849	Sacramento	No	20	0	12/23/13	Debris-General
5F	City Of Bakersfield CS	803663	Category 3	Certified	Verde St and Oakdale Dr	Kern	No	20	0	02/08/14	Grease Deposition (FOG)
5S	City of Sacramento Utilities CS	802346	Category 3	Certified	2924 Marysville Blvd.	Sacramento	No	20	0	12/26/13	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	803003	Category 3	Certified	99706	Sacramento	No	20	0	12/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802517	Category 3	Certified	100137	Sacramento	No	20	0	12/24/13	Root Intrusion
5R	Quincy CS	803913	Category 3	Certified	88 Myers St., Quincy, Calif. 95971	Plumas	No	20	0	02/16/14	Root Intrusion
5S	City of Stockton MUD CS	802430	Category 3	Certified	2819 Appling Way	San Joaquin	No	17	0	12/31/13	Root Intrusion
5S	City of Stockton MUD CS	802333	Category 3	Certified	532 N. Laurel St.	San Joaquin	No	16	0	12/24/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	803239	Category 3	Certified	99924	Sacramento	No	16	0	12/25/13	Root Intrusion
5S	City of Stockton MUD CS	802147	Category 3	Certified	1032 S Golden Gate Av	San Joaquin	No	15	0	12/21/13	Debris-General
5S	City of Stockton MUD CS	802136	Category 3	Certified	1735 Telegraph Ac	San Joaquin	No	15	0	12/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803107	Category 3	Certified	99633	Sacramento	No	14	0	12/20/13	Root Intrusion
5S	City of Stockton MUD CS	803839	Category 3	Certified	764 MacDuff Ave.	San Joaquin	No	14	0	02/11/14	Root Intrusion
5S	City of Stockton MUD CS	802447	Category 3	Certified	1636 E Anderson St.	San Joaquin	No	13	0	01/01/14	Debris-General
5S	City of Stockton MUD CS	802709	Category 3	Certified	8435 Lode Ct.	San Joaquin	No	13	0	01/09/14	Debris-General
5S	Sacramento Area Sewer District CS	802519	Category 3	Certified	100343	Sacramento	No	13	0	12/30/13	Root Intrusion
5S	City of Stockton MUD CS	803000	Category 3	Certified	9457 Blackswain PL.	San Joaquin	No	12	0	01/21/14	Debris-General
5S	Sacramento Area Sewer District CS	802514	Category 3	Certified	99909	Sacramento	No	12	0	12/24/13	Root Intrusion
5S	City of Stockton MUD CS	802439	Category 3	Certified	1219 S Madison St	San Joaquin	No	11	0	12/26/13	Debris-General
5S	City of Stockton MUD CS	803382	Category 3	Certified	8831 Hermosa Ct	San Joaquin	No	11	0	01/29/14	Debris-General
5S	Manteca CS	802390	Category 3	Certified	404 Golden Ct	San Joaquin	No	11	0	12/21/13	Debris-Rags
5S	City of Sacramento Combined CS	802349	Category 3	Certified	2030 P Street, Sacramento CA	Sacramento	No	11	0	12/21/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	803093	Category 3	Certified	99900	Sacramento	No	11	0	12/24/13	Root Intrusion
5S	City Of Antioch CS	803024	Category 3	Certified	3025 Elmo Road	Contra Costa	No	10	0	12/27/13	Debris-General
5S	SMD No. 2 CS	802112	Category 3	Certified	502 Twig Court, Granite Bay, Map Page E15-71	Placer	No	10	0	12/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802997	Category 3	Certified	99664	Sacramento	No	10	0	12/22/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802565	Category 3	Certified	100136	Sacramento	No	9	0	12/27/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803108	Category 3	Certified	99598	Sacramento	No	8	0	12/20/13	Root Intrusion
5S	Grass Valley City CS	803061	Category 3	Certified	812 and 606 Kechely Ct	Nevada	No	7	0	01/21/14	Other (specify below)
5S	Sacramento Area Sewer District CS	803112	Category 3	Certified	99506	Sacramento	No	6	0	12/19/13	Debris-General
5S	City of Stockton MUD CS	802742	Category 3	Certified	8842 Kelley Dr.	San Joaquin	No	6	0	01/10/14	Debris-General
5S	Dry Creek CS	803313	Category 3	Certified	358 Circuit	Placer	No	6	0	01/24/14	Other (specify below)
5S	Sacramento Area Sewer District CS	803084	Category 3	Certified	100436	Sacramento	No	6	0	12/31/13	Root Intrusion
5S	Manteca CS	803843	Category 3	Certified	322 Lovell	San Joaquin	No	6	0	01/11/14	Root Intrusion
5S	Sacramento Area Sewer District CS	803090	Category 3	Certified	100131	Sacramento	No	5	0	12/27/13	Debris-General
5S	City Of Lakeport CS	802877	Category 3	Certified	Armstrong Street	Lake	No	5	0	01/16/14	Debris-General
5S	Dry Creek CS	802722	Category 3	Certified	806 Joe Anne Lane	Placer	No	5	0	01/12/14	Debris-Rags
5S	California State Prison, Sacramento C	803392	Category 3	Certified	California State Prison Sacramento	Sacramento	No	5	0	02/02/14	Debris-Rags
5S	City of Woodland CS	803105	Category 3	Certified	917 Cleveland Street	Yolo	No	5	0	01/19/14	Other (specify below)
5F	Tuolumne Utilities District CS	802582	Category 3	Certified	street in front of 16 Ashe st	Tuolumne	No	5	0	01/06/14	Pipe Structural Problem/Failure
5S	City Of Folsom CS	802377	Category 3	Certified	715 Mormon St	Sacramento	No	5	0	12/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803233	Category 3	Certified	99640	Sacramento	No	5	0	12/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803092	Category 3	Certified	100060	Sacramento	No	5	0	12/27/13	Root Intrusion
5S	City of Stockton MUD CS	802355	Category 3	Certified	4736 Tanglewood Ln.	San Joaquin	No	5	0	12/27/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803014	Category 3	Certified	100144	Sacramento	No	5	0	12/28/13	Root Intrusion
5S	Dry Creek CS	802772	Category 3	Certified	1207 Meadow Lane	Placer	No	5	0	12/31/13	Root Intrusion
5S	Dry Creek CS	802589	Category 3	Certified	620 Dawnridge	Placer	No	5	0	01/08/14	Root Intrusion
5S	Dry Creek CS	803876	Category 3	Certified	820 Shearer	Placer	No	5	0	02/12/14	Root Intrusion
5S	Manteca CS	803846	Category 3	Certified	1018 Palomino	San Joaquin	No	4	0	01/14/14	Debris-General
5S	Sacramento Area Sewer District CS	803004	Category 3	Certified	99728	Sacramento	No	4	0	12/23/13	Root Intrusion

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Sacramento Area Sewer District CS	803241	Category 3	Certified	99889	Sacramento	No	4	0	12/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803010	Category 3	Certified	99914	Sacramento	No	4	0	12/24/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802563	Category 3	Certified	100106	Sacramento	No	4	0	12/27/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803015	Category 3	Certified	100145	Sacramento	No	4	0	12/28/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802569	Category 3	Certified	100359	Sacramento	No	4	0	12/31/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803730	Category 3	Certified	102730	Sacramento	No	4	0	01/27/14	Root Intrusion
5S	City of Stockton MUD CS	802165	Category 3	Certified	6820 Pacific Av	San Joaquin	No	3	0	12/21/13	Debris-General
5F	City Of Bakersfield CS	802753	Category 3	Certified	2900 Palm St	Kern	No	3	0	01/13/14	Debris-General
5S	Sacramento Area Sewer District CS	803109	Category 3	Certified	99562	Sacramento	No	3	0	12/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803236	Category 3	Certified	99666	Sacramento	No	3	0	12/22/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803095	Category 3	Certified	99708	Sacramento	No	3	0	12/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802518	Category 3	Certified	100256	Sacramento	No	3	0	12/30/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803016	Category 3	Certified	100210	Sacramento	No	3	0	12/30/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803018	Category 3	Certified	100424	Sacramento	No	3	0	12/31/13	Root Intrusion
5S	City of Stockton MUD CS	802598	Category 3	Certified	3028 Janessa Way	San Joaquin	No	3	0	01/07/14	Root Intrusion
5S	Dry Creek CS	802880	Category 3	Certified	213 Church St.	Placer	No	3	0	01/14/14	Root Intrusion
5R	City Of Oroville CS	803406	Category 3	Certified	KK-56	Butte	No	3	0	01/27/14	Root Intrusion
5S	Sacramento Area Sewer District CS	803235	Category 3	Certified	99662	Sacramento	No	2	0	12/22/13	Debris-General
5S	Sacramento Area Sewer District CS	802567	Category 3	Certified	100161	Sacramento	No	2	0	12/29/13	Debris-General
5S	Sacramento Area Sewer District CS	803111	Category 3	Certified	99508	Sacramento	No	2	0	12/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803232	Category 3	Certified	99607	Sacramento	No	2	0	12/20/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803238	Category 3	Certified	99669	Sacramento	No	2	0	12/22/13	Root Intrusion
5S	Dry Creek CS	802853	Category 3	Certified	153 Nevada	Placer	No	2	0	12/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802560	Category 3	Certified	99729	Sacramento	No	2	0	12/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802512	Category 3	Certified	99839	Sacramento	No	2	0	12/24/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803012	Category 3	Certified	99973	Sacramento	No	2	0	12/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803240	Category 3	Certified	99925	Sacramento	No	2	0	12/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802515	Category 3	Certified	100127	Sacramento	No	2	0	12/27/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802566	Category 3	Certified	100151	Sacramento	No	2	0	12/28/13	Root Intrusion
5S	Dry Creek CS	802365	Category 3	Certified	1044 Magnolia Wy	Placer	No	2	0	12/29/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803017	Category 3	Certified	100220	Sacramento	No	2	0	12/30/13	Root Intrusion
5S	Sacramento Area Sewer District CS	802520	Category 3	Certified	100433	Sacramento	No	2	0	12/31/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803731	Category 3	Certified	102845	Sacramento	No	2	0	01/27/14	Root Intrusion
5S	City of Stockton MUD CS	802100	Category 3	Certified	3350 Willowbrook Cir	San Joaquin	No	1	0	12/23/13	Debris-General
5S	City of Stockton MUD CS	803379	Category 3	Certified	2455 S Harrison St	San Joaquin	No	1	0	01/29/14	Debris-General
5S	City Of Antioch CS	803026	Category 3	Certified	11 Texas Street	Contra Costa	No	1	0	12/22/13	Debris-Rags
5S	Sacramento Area Sewer District CS	802449	Category 3	Certified	100095	Sacramento	No	1	0	12/27/13	Grease Deposition (FOG)
5S	Dry Creek CS	802734	Category 3	Certified	358 Circuit Dr.	Placer	No	1	0	01/10/14	Non-Dispersables
5S	Sacramento Area Sewer District CS	803234	Category 3	Certified	99658	Sacramento	No	1	0	12/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	803106	Category 3	Certified	99663	Sacramento	No	1	0	12/22/13	Root Intrusion
5S	Manteca CS	803849	Category 3	Certified	1169 Yvonne	San Joaquin	No	1	0	01/31/14	Root Intrusion