

California Regional Water Quality Control Board  
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT  
February 6-7, 2014

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## SUCCESS STORIES

1. **ACL Order for HBT of Saddle Ridge LLC, Cascade Crossing Subdivision, Nevada County**  
In November 2013, the Assistant Executive Officer approved a settlement agreement in the amount of \$106,816 with HBT of Saddle Ridge LLC to resolve ACL Complaint R5-2013-0520. The Complaint alleged that HBT violated the Construction Storm Water General Permit by not providing adequate storm water BMPs at its 30-acre construction site in Lake of the Pines in November 2012 and discharging over 200,000 gallons of turbid runoff to Ragsdale Creek, which flows to Wolf Creek and the Bear River.
2. **ACL Order for San Francisco Public Utilities Commission, Priest Reservoir, Tuolumne County**  
In December 2013, the Central Valley Water Board and the California Department of Fish and Wildlife (DFW) reached a \$1,000,000 settlement with the San Francisco Public Utilities Commission (SFPUC) for sediment discharges from Priest Reservoir in December 2011. Priest Reservoir is part of SFPUC's Hetch Hetchy Project, which delivers drinking water to San Francisco. Priest Reservoir is on Rattlesnake Creek, which is tributary to Big Jackass Creek, Moccasin Creek and Don Pedro Reservoir on the Tuolumne River. The discharge occurred when operators drained the reservoir for maintenance work. About 54 million gallons of water discharged from the reservoir over four days. The release caused high flows, sediment, turbidity, and mud deposits in the downstream creeks, harming aquatic habitat and wildlife habitat along 5.3 miles of stream channels. The terms of the settlement include \$530,000 for environmental restoration projects, studies, and training. The projects include aquatic restoration in Tuolumne County watersheds; monitoring and mitigation of sediment discharges in Merced and Stanislaus County watersheds; natural resource damage assessment training; inland spill response training; purchase of materials needed to gather evidence when investigating pollution incidents; and water quality monitoring of marijuana cultivation sites. The balance of the penalty will be paid to DFW and the Cleanup and Abatement Account. SFPUC also agreed to change its procedures to reduce sediment discharges when it drains Priest Reservoir.
3. **No Further Action Determination, Nella Oil Company, LLC, Middletown Tanker Spill, State Highway 29, Middletown, Lake County.** In 2005, a Nella Oil tanker truck overturned into a ditch on Highway 29, one mile south of the town of Middletown in Lake County. Approximately 3,300 gallons of gasoline spilled into the ditch, which resulted in localized soil and groundwater impacts. Remedial activity consisted of the excavation of 400 cubic yards of impacted soil within the Caltrans right-of-way. Six groundwater monitoring wells were constructed between 2005 and 2008, and monitored quarterly and semi-annually. In October 2013, Central Valley Water Board staff concurred with Nella Oil Company's request for a No Further Action Determination. On 31 December 2013, after a 30 day public comment period, Nella Oil was granted a Conditional No Further Action Determination. A Final No Further Action Determination is pending and will be granted by the Executive Officer when proof of groundwater monitoring well abandonment has been provided by Nella Oil.
4. **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 based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Upon completion of corrective action, §2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

For more information regarding a site, the appropriate office personnel should be contacted: Fresno (559) 445-5116, Redding (530) 224-4845, and Sacramento (916) 464-3291.

### a) **FRESNO OFFICE**

#### **Fresno County**

- **Fleet Card Fuels, 3939 North Clovis Avenue, Fresno**

In January 1999, one diesel and two gasoline USTs and associated fuel dispensers were removed and gasoline was detected in soil. Subsequent investigations determined that gasoline was present in groundwater. Soil vapor extraction removed about 19,000-gallons of gasoline. The groundwater plume has been significantly reduced, and is stable and decreasing. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria, and was closed on 21 November 2013.

- **Potigian Residence, 5984 East Midwick Lane, Fresno**

The Site is occupied by a single family residence. One UST was removed in April 1998, and gasoline was detected in soil. Investigations performed in 2012 and 2013 determined that the release only extended to a depth of 10 feet, and had not impacted groundwater. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria and was closed on 14 November 2013.

- **Seibert's Oil Company, 2837 North Parkway Drive, Fresno**

The Site is occupied by an active commercial fueling facility. In 1998, 12 USTs and associated piping and dispensers were removed, gasoline and diesel were detected in soil. Subsequent investigations determined that the release had migrated to a depth of 86 feet but had not impacted groundwater. Soil vapor extraction removed approximately 1,700 pounds (~275 gallons) of gasoline. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria, and was closed on 25 November 2013.

- **Shaver Lake Road Maintenance Yard, 41686 Dinkey Creek Road, Shaver Lake**

In July 1998 two 12,000-gallon USTs were removed and gasoline was detected in soil. Subsequent investigations determined that minor concentrations of gasoline were present in shallow groundwater, but the plume is stable and decreasing in areal extent. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria, and was closed on 4 December 2013.

- **Exxon Service Station, 4594 East Tulare Street, Fresno**

In January 1999 four 10,000-gallon USTs were removed, and gasoline was detected in soil. Subsequent investigations detected minor concentrations in groundwater, but no gasoline has been detected in groundwater since 2007. Between August 2010 and August 2011 soil vapor extraction removed about 500 gallons of gasoline. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria, and was closed on 22 August 2013.

- **7-11 #13916, 5630 East Ashlan Avenue, Fresno**

Three USTs and associated dispensers were removed in May 2004, and gasoline was detected in soil. Subsequent investigations determined that groundwater at a depth of about 110 feet, had been impacted. Soil vapor extraction performed between August 2009 and January 2012 removed approximately 28,000 pounds (~4,500 gallons) of gasoline. No gasoline has been detected in groundwater since 2011. The case meets the Low-Threat Underground Storage Tank Case Closure Policy criteria and was closed on 22 August 2013.

## **Kern County**

- **7-Eleven #16329, 1701 Pacheco Road, Bakersfield**

A gasoline release was discovered during a 1984 UST system upgrade. Subsequent investigations determined that groundwater had been impacted. Soil vapor extraction and air sparging removed about 4,000 pounds (~650 gallons) of gasoline. Groundwater monitoring determined low concentrations remain in the source area, and the plume is stable and decreasing. The case meets the Low-Threat Closure Policy criteria, and was closed on 5 November 2013.

- **Bear Valley Fire Station, 28946 Bear Valley Road, Tehachapi**

A gasoline release from product piping was discovered during a 1990 site investigation. Subsequent investigation and groundwater monitoring determined that affected soil and groundwater was confined to a small area surrounding the former UST and dispenser. Gasoline constituents are stable and declining in the shallow aquifer. The case meets the Low-Threat Closure Policy criteria and was closed on 2 December 2013.

- **Saddle Flask Liquors, 12400 State Highway 178, Lake Isabella**

A gasoline release from the UST system was discovered during a 1996 system upgrade. Site assessment from 1996 to 1998 defined a small volume of impacted soil beneath a fuel dispenser, with an estimated gasoline mass of less than 700 pounds (~100 gallons). Groundwater monitoring determined petroleum concentrations are stable and decreasing. The case meets the Low-Threat Closure Policy criteria, and was closed on 25 November 2013.

#### **Kings County**

- **Former Gomez Market, 533 Hill Street, Lemoore**

Two USTs, piping and dispensers were removed in October 2005 and gasoline was detected in soil. Subsequent investigations determined that groundwater had been impacted. Soil vapor extraction, performed from December 2010 to March 2012, removed approximately 7,000 pounds (1,000 gallons) of gasoline. The groundwater plume is stable and decreasing. The case meets the Low-Threat Closure Policy criteria, and was closed on 20 November 2013.

b) **REDDING OFFICE**

#### **Butte County**

- **Orange Tree Senior Apartments, 1511 Robinson Street, Oroville**

Site is a former hospital which was demolished for the construction of a senior housing project. During demolition activities a 1,000 gallon heating oil UST was discovered in the subsurface. The UST was removed and confirmation soil samples indicated pollution by heating oil/kerosene. Over excavation of polluted soils was conducted until pollutants were non-detect in soil samples. It is estimated that approximately 330 pounds (~50 gallons) of heating oil was removed from the site. The case was issued a No Further Action Required letter on 9 October 2013.

#### **Modoc County**

- **Chevron SS # 99270, Alturas, 1080 North Main Street, Alturas**

Site is an active fueling station. In 1987 groundwater monitoring wells were installed at the site in response to gaining product levels in the station USTs. In 1988 the station USTs, piping and dispensers were replaced, and impacted soil excavated. Between 1988 and 2010, 19 monitoring wells were installed at the site to delineate groundwater pollution. Groundwater and soil pollution were remediated using groundwater pump and treat, air sparging, surfactant flushing, oxygen injection, and soil over-excavation. These remedial activities are estimated to have removed 268 pounds (~40 gallons) of petroleum mass. On 14 August 2013 the case was issued a No Further Action letter.

#### **Plumas County**

- **Quincy Body Shop, 289 Crescent Street, Quincy**

Site was a former automotive body repair shop, which operated in a building at the Allied Washoe Bulk Fuel Plant. In 1995 an underground heating oil tank was removed from the site. Soil pollution was observed beneath the tank. Subsequent investigations found free phase gasoline on shallow groundwater. This pollution was determined to be related to a release from the Allied Washoe Bulk Plant and not related to the heating oil UST. This pollution is being cleaned up under Clean-up and Abatement Order R5-2007-0705 issued to Allied Washoe Petroleum. As no release was ever confirmed from the heating oil UST, the case was issued a No Further Action letter on 15 August 2013.

#### **Shasta County**

- **Cottonwood Grocery, 3495 Main Street, Cottonwood**

Site is an active automobile fueling station. In 1998 groundwater and soil pollution was encountered at the station during an investigation to evaluate tank integrity. Between 1998 and 2010, 15 monitoring wells were installed to delineate soil and groundwater pollution. In 2005 the leaking underground tanks, dispensers, and piping were removed from the site, and polluted soil excavated. An ozone sparge system was installed

in 2008 to remediate polluted groundwater. An estimated 375 pounds (60 gallons) of petroleum mass was removed/destroyed at the site via over-excavation, and ozone sparging. The case was issued a No Further Action letter on 7 October 2013.

### **Tehama County**

- **Proberta Garage, 23240 Flores Avenue, Proberta**  
Site is a former automobile fueling station and automotive repair facility. In 2005 two 800-gallon and one 200 gallon USTs, piping and dispensers were removed. Confirmation soil samples obtained from beneath the USTs contained gasoline constituents. It is estimated that 140 pounds (~20 gallons) of petroleum was removed via excavation. Four monitoring wells were installed to evaluate impact to groundwater. The groundwater pollution was determined to be stable with declining constituent concentrations. On 31 July 2013 the case was issued a No Further Action letter.

### c) **SACRAMENTO OFFICE**

#### **Colusa County**

- **Williams Shell, 570 E Street, Williams**  
As a result of inventory reconciliation records, a loss of about 235 gallon of gasoline was discovered in January 1978. In May 1987, a single 500-gallon waste oil UST was removed from the site confirming impacts to soil. From 1988 through 2013 soil and groundwater investigations, remedial actions, and periodic monitoring have been conducted. It is estimated that about 4 lbs. of petroleum hydrocarbons were removed from the site by groundwater extraction. In addition, two phases of excavation (over 555 tons) of impacted soil were conducted at the site. Based on sampling data and trend projections, groundwater Water Quality Objectives will be met by 2021. The site was closed on 15 November 2013.

#### **Yolo County**

- **Former Tesoro No. 67055/Former Beacon #3694/Former Kayo Oil/Jet Gas, 1001 Sacramento Avenue, West Sacramento**  
Documented releases occurred in 1986, and there was a failed UST tightness test in 1987. The USTs, piping, and dispensers, were removed and new USTs installed in 1989. Remediation included excavation of impacted soil, soil vapor extraction, dual phase extraction, groundwater extraction, and ozone and oxygen sparging. The estimated mass of gasoline hydrocarbons removed was about 15,000 pounds (2,400 gallons), with an estimated 1,200 pounds remaining. Groundwater data indicate the gasoline hydrocarbons remaining beneath the site should reach WQOs by March 2025 through natural processes. The NFAR was issued on 1 November 2013.

### **Local Agency UST Closures with Concurrence of Board Staff**

#### **Sacramento County**

- Beacon Service Station No. 3683, 8651 Folsom Boulevard, Sacramento
- Orbit Gas Station, 4716 Auburn Boulevard, Sacramento
- Shell, 5551 Martin Luther King Boulevard, Sacramento
- Sjostedt Property, 8344 Florin Road, Sacramento

#### **San Joaquin County**

- Heinz of North America, 757 East Eleventh Street, Tracy

#### **Solano County**

- Former Exxon RAS #7-6237, 1405 Ary Lane, Dixon
- The Goodyear Tire & Rubber Company, 1146 East Monte Vista Avenue, Vacaville

### **Local Agency UST Closures Independent of Board Staff Review**

## STAFF RECOGNITION

### SUPERIOR ACCOMPLISHMENT AWARD

At the December 5, 2013 Board Meeting, Executive Officer Pamela Creedon presented superior accomplishments award to:

**Candidate:** Drew Coe  
**Unit:** Timber Harvest  
**Title:** Engineering Geologist  
**Supervisor:** Angela Wilson

Drew has worked in the Timber Harvest Regulatory Unit in the Redding office since 2006, where he is relied upon for both his technical expertise and superior analytical skills. Drew was deployed in September to assist the U.S. Forest Service in their post-fire assessment effort for the Rim fire in Yosemite. The Rim fire burned in excess of 250,000 acres including portions of Yosemite National Park and Hetch Hetchy. Of primary concern were the potential impacts from the fire and post-fire runoff events on San Francisco's water supply and electric infrastructure. Drew participated in the field inspections conducted to verify burn severity and to assess potential impacts to various "values at risk" including San Francisco's water supply and electric infrastructure. He provided both a technical hydrological and water quality perspective to the process, and addressed the impacts to beneficial uses in a report that will be appended to the formal burned area emergency response (BAER) report. Drew worked days in excess of 12 hours and through the weekend to assist with the assessment effort, and his contribution ensured the U.S. Forest Service accounted for impacts to water quality while developing treatment proposals and obtaining funding for treatments. The final report for the BAER effort includes a final funding amount of \$4.2 million for treatments to protect values at risk.

**Candidate:** Janis Cooke  
**Unit:** Mercury and Metals TMDL  
**Title:** Environmental Scientist  
**Supervisor:** Patrick Morris

Dr. Janis Cooke is an environmental scientist in the Sacramento office. Since joining the Water Board in 1999, Janis has developed numerous TMDL control programs for mercury and methylmercury. Her early work on the Clear Lake and Cache Creek mercury TMDLs established the key scientific and technical foundations for later mercury control programs, including the complex and controversial Delta Methylmercury TMDL. Janis' work on establishing water quality objectives to protect human and wildlife from the adverse effects of methylmercury has been the basis of numerous TMDLs and is being utilized in a new project to develop mercury TMDLs for reservoirs throughout California.

Janis is being recognized in this award for her past 2-year's work on the implementation of the Delta Mercury Control Program. Janis has been working with about 45 dischargers that were named in the TMDL as having responsibility for developing best management practices to reduce methylmercury loading in the Delta. To do this, dischargers are required to develop and submit methylmercury reduction study plans for review by an independent technical advisory committee of mercury experts. Janis worked with the dischargers to encourage coordinated study plans rather than individual plans, and she received 10 study plans from diverse groups such as waste water treatment, tidal wetlands, urban runoff, and open water/flood plain managers. This summer Janis convened a 3-day meeting with the technical advisory committee to review the study plans and to ensure the plans were consistent with the goals and intent of the TMDL. After the external scientific review, Janis met with each of the study groups to review the comments and provide recommendations on how to improve the work plans before the studies begin.

Since mercury cleanup will take a long time, Janis also worked with the Department of Public Health, dischargers, Native American tribal representatives, and community-based organizations to develop an overall

strategy and work plan to reduce human exposure to mercury-contaminated fish. Janis has been working with the stakeholders to gather funding for the program, including soliciting and receiving funds from the State Water Board, dischargers and other stakeholders identified in the program strategy she developed.

Janis' work on implementation of the Delta TMDL, complex methylmercury studies, and the exposure reduction program is much appreciated by her supervisors and the public. Janis' excellent work is not just limited to the last quarter or even the last year. Her professionalism and commitment to the Board and public has been evident since she joined the Board's staff, and her managers recognize that Janis Cooke is a true asset to this organization.

**Candidate:** Robert Lira  
**Unit:** NPDES/Stormwater/401 Cert Unit  
**Title:** Environmental Scientist  
**Supervisor:** Matt Scoggins

Robert has been with the Water Board for about 19 months in the NPDES/Stormwater/401 Cert Unit. In that time, he has become the point person for the industrial storm water program, which has over 500 active permittees. His responsibilities include performing inspections, responding to complaints, taking informal enforcement action, reviewing annual reports, processing Notices of Termination and Notices of Non-Applicability, and providing assistance to the regulated community. Robert has also been tasked with taking a lead role in providing compliance assistance and oversight related to the MS4 Phase II program. This assignment has been particularly challenging because Robert not only had to pick up the program after an extended vacancy in the unit, but had to begin the transition to a program that more than doubled in size with the adoption of State Board's new MS4 Phase II general permit, which became effective July 1st of this year.

Robert approaches his work assignments with a great attitude and an eagerness to get the job done. He consistently produces a large volume of outputs and was instrumental in helping the Fresno office exceed its storm water performance targets. Timely compliance follow-up is routinely performed by Robert, often having a follow-up letter drafted and ready for review the day something is overdue. He conducts himself professionally, provides excellent customer service, and has received compliments from the regulated community. Robert has quickly established himself as a productive and valuable employee and, as such, is very deserving of the Superior Accomplishment Award.

## **EMPLOYEE OF THE MONTH AWARD**

**NOVEMBER 2013**

**Candidate:** Grant Stein  
**Unit:** Groundwater Unit, Redding office  
**Title:** Engineering Geologist  
**Supervisor:** Pat Vellines

Grant has been with the Regional Water Board for over five years and oversees numerous UST, Site Clean Up and Landfill cases. He has an impressive ability to review and condense vast amounts of information and create succinct technical memos to move a case forward and support enforcement against recalcitrant responsible parties. Most recently he drafted a technical memo on the Allied Washoe site which is one of 3 potential contributors to MTBE impacts in the reserve municipal Norton well supplying the city of Quincy. The memo will be used to bring the responsible party into compliance. In May, his case against Toms Sierra resulted in a \$20,000 fine and rapid implementation of a work plan to clean up a kerosene spill. His hard work is greatly appreciated. In his spare time Grant is a Team Roper on the Rodeo Circuit and his stories, exploits and good humor are a great source of enjoyment to the rest of the unit.

## DECEMBER 2013

**Candidate:** Robert Ditto  
**Unit:** Storm water  
**Title:** Environmental Scientist  
**Supervisor:** Steve Rosenbaum

Bob is recognized this month for his recent work in the industrial storm water program. He produced nearly 200 enforcement letters for sites that failed to submit their annual reports. He tracked every site's response and followed up with those that did not submit their reports. Bob worked with the other staff in the group to call or inspect each delinquent site. Thanks to Bob's diligence, we collected all of the outstanding reports. Because time-consuming formal enforcement actions were not needed to obtain the reports this year, Bob then developed a focused list of sites and an action plan for additional inspections to assess permit compliance and improve storm water quality in the targeted industries.

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

Region 5 Performance Measurement Summary from 1 July 2013 to 13 December 2013				
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Comments
<b>NPDES Wastewater</b>				
Major Individual Permits Issued, Revised and Renewed	9	4	44%	Currently on track to meet performance measure.
Major Individual Permits Inspections	55	12	22%	Target reflects contract help from EPA that is no longer available. Staff are otherwise on target.
Minor Individual Permits Issued, Revised and Renewed	19	5	26%	There is concern that this performance measure may not be fully met. One contributing factor is that several minor facilities no longer need NPDES permits for various reasons. Permits for these facilities will be rescinded instead of renewed. Rescissions reduce the backlog, but will not be counted towards achieving this measure.
Minor Individual Inspections	17	3	18%	Target reflects contract help from EPA that is no longer available. Staff are otherwise on target.
Minor General Enrollees Inspections	0	0	0%	
<b>Waste Discharge to Land – Wastewater</b>				
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	12	33%	The anticipated target for the fiscal year will be met.
Municipal Waste Facilities Inspections	100	48	48%	
Industrial Waste Facilities Inspections	60	29	48%	
All Other Facilities Inspections	14	2	14%	The anticipated target for the fiscal year will be met.
<b>Land Disposal</b>				
Landfills Permits Issued, Revised and Renewed	9	1	11%	Additional Title 27 permits are nearing completion and will be accounted for in the coming months.
Landfills Inspections	73	49	67%	
All Other Permits Issued, Revised and Renewed	5	0	0%	Additional Title 27 permits are nearing completion and will be accounted for in the coming months.
All Other Inspections	48	14	29%	
<b>NPDES Storm Water</b>				
Stormwater Construction Inspections	385	239	62%	
Stormwater Industrial Inspections	195	130	67%	
Stormwater Municipal Inspections	5	1	20%	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.
<b>Other Programs</b>				
Timber Harvest Inspections	120	86	72%	
Confined Animal Facility Inspections (Dairies)	350	136	39%	More dairy inspections have been conducted but are not yet entered in the tracking database.
<b>Clean Up</b>				
New DoD Sites Into Active Remediation	63	10	16%	Progress at DoD sites may be lower than expected due to federal funding reductions.
New SCP Sites Into Active Remediation	36	26	72%	
Cleanup Program Sites Projected Closed	140	22	16%	Progress at DoD sites may be lower than expected due to federal funding reductions.
New UST Sites Into Active Remediation	45	25	56%	
Underground Storage Tank Sites Projected Closed	105	61	58%	
* Actuals: Number of facilities inspected or permits issued.				
** Total #: Number of inspections completed including all re-inspections.				

## Enforcement Update

Since the last report, the Central Valley Water Board enforcement staff in our core regulatory programs continued to have a productive period and issued the following informal actions for minor violations;

- 49 Notices of Violations (NOVs)
- 16 Staff Enforcement Letters
- 1 13267 Letter; and,
- 1 Time Schedule Order

In addition staff issued monetary penalty actions in the form of 7 Administrative Civil Liabilities (ACLs) in excess of \$1,650,000 in liabilities. From a statewide perspective, Region 5 was responsible for approximately 60% of the NOVs and 25% of the ACLs issued during this period.

California Home														Tuesday, January 07, 2014
  <b>CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY</b> <b>STATE WATER RESOURCES CONTROL BOARD</b>														
California Integrated Water Quality System Project (CIWQS)														
ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION														
Here is your Customized Enforcement Actions by Region/Program/Action Report!														
<a href="#">VIEW PRINTER FRIENDLY VERSION</a>   <a href="#">EXPORT THIS REPORT TO EXCEL</a>														
<b>SEARCH CRITERIA:</b> <a href="#">REFINE SEARCH</a>														
Status (Active, Historical, Withdrawn) Occurred on or after 11/01/2013 Occurred on or before 12/18/2013														
RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	EPL	NNC	NOV	NTC	SEL	TSO	VER	TOTAL*	
1	0	0	0	3	1	1	0	2	0	0	0	0	7	
2	0	0	0	2	0	6	0	1	0	0	0	2	11	
3	0	0	0	1	0	5	0	1	0	0	0	0	7	
4	2	169	0	7	0	7	3	23	10	4	1	0	226	
5F	0	0	0	1	0	0	0	22	0	5	1	0	29	
5R	0	0	0	2	0	0	0	1	0	10	0	2	15	
5S	1	0	0	4	0	0	0	26	0	1	0	9	41	
6I	2	0	0	2	0	0	0	0	0	1	0	0	5	
6V	0	0	0	0	0	0	0	1	0	3	0	7	11	
7	0	0	0	2	0	0	0	0	0	1	0	0	3	
8	0	0	48	2	0	0	1	0	0	0	0	25	76	
9	0	25	0	2	0	0	0	4	0	14	1	3	49	
<b>STATEWIDE*</b>	<b>5</b>	<b>194</b>	<b>48</b>	<b>28</b>	<b>1</b>	<b>19</b>	<b>4</b>	<b>81</b>	<b>10</b>	<b>39</b>	<b>3</b>	<b>48</b>	<b>480</b>	
<b>ENFORCEMENT ACTION LOOKUP:</b>														
13267 = 13267 Letter				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				TSO = Time Schedule Order						
VER = Oral Communication				VER = Verbal Communication										
* Columns or Rows count distinct instances of Enforcement Actions.														

## COMPLIANCE AND ENFORCEMENT

1. **ACL Complaint for California Department of Transportation, State Route 108 East Sonora Bypass Stage 2 Project, Tuolumne County.** On 15 November 2013, the Executive Officer issued an ACL Complaint to the Department of Transportation (Caltrans) in the amount of \$3,646,790 for violations of the Caltrans Storm Water Permit. The Complaint alleges that Caltrans failed to provide adequate storm water BMPs at its highway construction site for a prolonged period between October 2012 and January 2013. During this time, several storm events occurred and over 800,000 gallons of turbid runoff were discharged from the project into a tributary to Curtis Creek which flows to Don Pedro Reservoir. Caltrans has waived the right to a hearing within 90 days and entered into settlement negotiations with the Board's Prosecution Team.

## SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

### 1. 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 1 November and 18 December 2013, 13 Category 1, 2 Category 2, and 104 Category 3 spills were reported. 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) as of September 9, 2013 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](http://www.waterboards.ca.gov/water_issues/programs/ssso/index.shtml)

Sewage Collection Agencies report SSOs on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water Board Order No. 2006-0003-DWQ (General Statewide Waste Discharge Requirements for Sewage Collection Agencies). Additional information about Water Boards' SSO Reduction Program can be found at: [http://www.waterboards.ca.gov/water\\_issues/programs/ssso/docs/compliance\\_report2011.pdf](http://www.waterboards.ca.gov/water_issues/programs/ssso/docs/compliance_report2011.pdf)

### 2. 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/](http://www.dtsc.ca.gov/database/CalEPA_Complaint/)). From 1 November 2013 through 31 December 2013 the Central Valley Regional Board received eight complaints of 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 six have been closed. Investigations for the remaining two outstanding complaints are ongoing.

## SITE CLEANUPS

1. **Woody Mulch Treatment For Aqueous Ammonium Spill, Arbuckle, Colusa County**

About 7,000 gallons of aqueous ammonium discharged from a storage tank onto a turnout on a levee road. The discharge was contained on the turnout, but the constraints of the levee and narrow unimproved road precluded remediation by excavation. The implemented remedial action promotes biological remediation by incorporating woody mulch into the spill zone, seeding with alfalfa, and irrigating as needed. Periodic soil sampling will document the remediation. (AST)

## DELTA ACTIVITIES

### 1. **Delta Methylmercury Control Studies**

In December 2013, the Department of Water Resources (DWR) submitted their strategy for reducing mercury discharges from the Cache Creek Settling Basin, as required by the Delta Mercury Control Program. DWR is in the process of evaluating the Settling Basin's sediment trapping efficiency and characterizing sediment and mercury loads in and out of the basin. Data collection includes flows, mercury and suspended sediment concentrations, sediment settling velocity, and physical parameters of the basin such as current elevation. In addition, DWR is investigating water flows, sediment, and mercury transport from the upper Cache Creek watershed to better understand inflow patterns and loading into the Settling Basin. This information will be used to model potential changes to the basin to manage sediment and mercury before the basin completely fills in with sediment.

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

The Delta RMP Steering Committee has continued to meet regularly. On 2 December, the Steering Committee decided to move forward with planning and a design process for all of the constituents under consideration: methylmercury, nutrients, pathogens (Cryptosporidium/Giardia), and pesticides/toxicity. The Steering Committee will refine specific assessment questions and provide a direct charge to the Technical Advisory Committee (TAC) to begin the work of developing a monitoring framework at the next Steering Committee meeting on 14 January. The TAC will then begin a series of meetings to identify the specific management questions to be addressed through monitoring, conceptual frameworks and models for understanding processes relevant to the identified water quality management questions, the specific information and/or data products needed to answer the management questions, and the appropriate monitoring approaches required to produce this information and/or data products.

Specifically, the TAC will:

- 1) Conduct an assessment of critical monitoring needs, based on conceptual models and information needs,
  - 2) Develop monitoring designs, and
  - 3) Identify opportunities for collaboration with current and potential new partners in sampling, laboratory analysis, and data management aspects of implementing the monitoring program.
- 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.

### 3. **Delta Stewardship Council**

The Delta Stewardship Council's Science Program will hold a workshop on 10 and 11 February to inform the State Water Board's upcoming decisions regarding Delta outflow and other stressors. The workshop will include a panel assessment of the state of scientific knowledge about appropriate indicators of Bay-Delta ecosystem health, the likely responses of the ecosystem to various Delta outflows, and the flows necessary for the protection of fish and wildlife. The workshops will be held at the CAL/EPA Building, 1001 I Street, Sacramento, CA. Regional Board staff will attend. For more information see: <http://deltacouncil.ca.gov/science-program/workshop-delta-outflows-and-related-stressors>.

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

The public review draft BDCP and Joint EIR/EIS were released on 9 December 2013. These documents exceed 24,000 pages in length. The public comment period began on 13 December 2013 and will end on 14 April 2014. Central Valley Water Board staff is preparing comments which will be combined with those from the San Francisco Water Board and State Board for submission to BDCP. For more information and to review the plan contact: <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 focused year end policy discussions on development of a decision tree for interpreting narrative water quality objectives to protect the Agricultural Supply (AGR) beneficial use. 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 is compiling water quality and salt loading data and has revised the document titled "Existing and Potential Beneficial Uses in Reach 83 of the San Joaquin River (Merced to Vernalis)" that was prepared by the committee in 2012. Subcommittees have been formed to evaluate technical issues and resolve policy issues in a timely manner. The subcommittees have worked with the contractor team to finalize the beneficial use document 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. Another subcommittee has developed a questionnaire to compile data on irrigation management practices employed by LSJR water users and is currently interviewing water districts and growers that irrigate with LSJR water. In November and December, three water districts and two growers were interviewed and 15 more have been targeted for interviews in December and January. Committee members from the US Bureau of Reclamation (USBR) and the Westside San Joaquin River Watershed Coalition (Coalition) are preparing a draft Real-Time Management Program (RTMP) framework document that will establish how to best utilize the assimilative capacity of the river. The RTMP framework document will be provided to the full committee for review before finalization.

In addition, the annual CV-SALTS project update to the State Water Resources Control Board is scheduled for 21 January 2014.

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

On 7 November, Jeanne Chilcott presented an update on CV-SALTS and its relationship with current regulation at the quarterly meeting of the Central Valley/Sierra Foothill Chapter of Water Reuse.

On 8 November, Jeanne Chilcott and Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on preparation for upcoming workshop and annual report.

On 13 November, Jeanne Chilcott participated in a workshop focused on obtaining agriculture community representatives feedback on the Agriculture Zone Mapping project.

On 14 November, Pamela Creedon, Dr. Karl Longley, Clay Rodgers, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy meeting which included review of October CEQA Scoping Meetings and review of a draft decision –tree tool for demonstrating protection of existing and probably future AGR use..

On 15 November, Jeanne Chilcott participated in the Technical Committee meeting.

On 15 November, Jim Brownell participated in the LSJR Committee meeting.

On 13 December, Jim Brownell participated in the LSJR Committee meeting.

On 13 December, Jeanne Chilcott and Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on the State Board Annual Report preparation, status report of SSALTS Phase I draft final report, and contract updates.

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

Monthly staff meetings with representatives of the USBR were held in November and December 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. Coalition staff has developed a draft Memorandum of Understanding (MOU)

that will be attached to the framework document. The MOU must be signed by dischargers as a means of commitment to participation in the RTMP. A schedule has been established for developing a revised MAA. The schedule includes time for staff negotiations, legal department reviews, and public comment.

An information item on the RTMP framework document and revised MAA negotiations has been scheduled for the Central Valley Water Board 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.

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

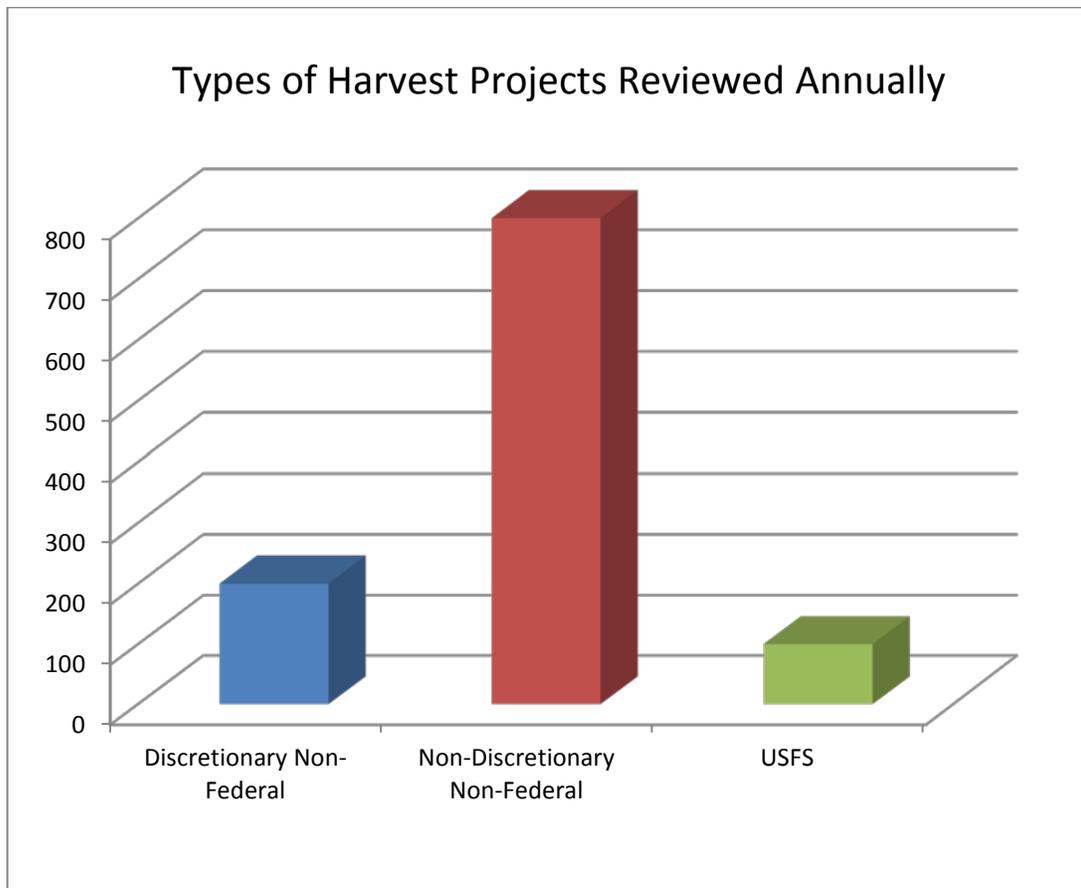
The project evaluating appropriate application and level of protection of MUN in agriculturally dominated surface waters is moving forward as anticipated. Two Basin Plan Amendments are being developed for this project. The first amendment will address the appropriate MUN beneficial use application and protection in the specific receiving waters of four Sacramento Valley POTWs (Biggs, Colusa, Live Oak and Willows), and the second will address a region-wide process for evaluating the MUN beneficial use in Ag dominated water bodies. Results are being evaluated for the Sacramento Valley case study area as part of a water quality report to support the draft staff reports. A contract for the required CEQA and economic evaluations is being finalized and it is estimated that this portion of the staff report work task will be completed by August 2014.

More information on the project can be found at:

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

## TIMBER

At the December 2013 board meeting, member Schneider requested clarification on the graph provided on slide 55 of the Executive Officer's State of the Region presentation (included below). Specifically, member Schneider asked for details on the ~ 800 non-discretionary non-federal timber harvest notices staff handles each year. These notices cover activities that have been determined by the California Department of Forestry and Fire Protection (CALFIRE) to be relieved from the requirement to conduct further environmental analysis either via a statutory or categorical CEQA exemption. These activities are subject to specific operational and harvesting limitations included in the Forest Practice Rules. However, the Central Valley Water Board has determined that some of the exempt activities can and do pose a threat to water quality. Specifically, the exemptions for "Less than 3 acre Conversions" and "Post-Fire Salvage" operations are the source of public complaints and water quality concerns, and have their own category in our current categorical waiver. Our waiver allows most of the other non-discretionary activities approved by CALFIRE to be automatically waived (including 150 foot clearing of fuels near homes and other structures and Christmas tree harvesting), but each one must still be handled by staff for tracking purposes. Further information can be found here: [http://www.fire.ca.gov/resource\\_mgt/archaeology/downloads/6.pdf](http://www.fire.ca.gov/resource_mgt/archaeology/downloads/6.pdf)



## IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

### General Waste Discharge Requirements (WDRs) Development

#### **Tulare Lake Basin WDRs**

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 six prospective third-parties and are under staff review. Staff is working with the prospective third-parties to modify proposed boundaries to ensure complete coverage for all growers in the Tulare Lake Basin Area.

#### **Sacramento Valley Rice WDRs**

On 19 November, staff met with the California Rice Commission and the Sacramento River Source Water Protection Program to discuss comments received for the administrative draft WDRs.

#### **Sacramento River Watershed WDRs**

On 22 November, Joe Karkoski, Susan Fregien and Mark Cady met with representatives of the Sacramento River Source Water Protection Program and the Sacramento River Water Quality Coalition to review comments submitted for the administrative draft of the Sacramento River Watershed WDRs and to discuss revisions to be included in the tentative WDRs.

On 19 December, staff posted the Tentative Order for the Sacramento River Watershed WDRs and a Notice of Public Hearing for 11/12 March 2014. Written comments from the public are due no later than 21 January 2014.

#### **Delta WDRs**

On 7 November, staff and the San Joaquin County and Delta Coalition held a meeting to discuss the Draft Waste Discharge Requirements.

On 16 December, staff posted the Tentative Order for the San Joaquin County and Delta Area WDRs and a Notice of Public Hearing for 11/12 March 2014. Written public comments will be accepted until 17 January.

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

On 25 November, Susan Fregien, and Jelena Hartman participated in a phone conference with the Westside San Joaquin River Watershed Coalition representatives regarding the comments on the Tentative Draft of Waste Discharge Requirements and a Monitoring and Reporting Program for Growers that are Members of a Third-party Group within the Western San Joaquin River Watershed. Issues associated with the tentative order were discussed.

By the 2 December deadline, the Central Valley Water Board received five comment letters on the Tentative Draft of Waste Discharge Requirements and a Monitoring and Reporting Program for Growers that are Members of a Third-party Group within the Western San Joaquin River Watershed.

On 18 December, Ken Landau, Joe Karkoski, Alex Mayer, Susan Fregien, and Jelena Hartman met with the representatives of the Westside San Joaquin River Watershed Coalition to discuss outstanding issues in the tentative order following the public review and comment period.

#### **Grasslands Bypass Project**

On 20 December, Regional Board staff met with the Grassland Basin Drainage Steering Committee in Los Banos to discuss the status of the draft WDRs for surface water discharges from the Grassland Bypass Project. Staff was given a short tour of the Grassland Bypass Project. The draft administrative WDRs will incorporate relevant requirements from the Irrigated Land Regulatory Program and is expected to be released in February 2014.

#### **Compliance & Outreach – Storm Water Inspections in the East San Joaquin Foothills**

In November and December staff continued to inspect the foothill portions of the East San Joaquin River Watershed for parcels that may have sediment discharges in the rainy season. Staff conducted several hundred foothill storm water inspections during this time. Twenty seven of these inspections required follow up with growers to inform them of the need for improved erosion and sediment controls at their properties.

Staff has focused on the foothill portion of Stanislaus County after becoming aware that many parcels in that area were being converted to orchards from grazing land. Staff has noticed that the process for doing this usually involves denuding the vegetation from parcels. This leaves minimal sediment and erosion control measures in place, which could lead to a pollution discharge. Administrative Civil Liabilities have been issued in the past for parcels that have undergone similar transformations and had major discharges of sediment in doing so. The goal of these inspections is to warn landowners to prevent similar situations in the future. Staff enforcement letters are planned to be mailed to the landowners whose parcels have been identified as having minimal sediment and erosion control measures in place.

#### **Compliance & Outreach – Water Code section 13260 Directives**

In December, ILRP staff mailed 23 NOVs to landowners who failed to respond to a previous 13260 Directive Order. Landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections) are being mailed the directives which require the recipients to submit proof of coalition membership or a Report of Waste Discharge.

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

In October, ILRP staff mailed pre-Administrative Civil Liability (ACL) letters to four growers who did not respond to 13260 Directives or subsequent Notices of Violation. In November, two of the growers satisfactorily addressed the issues identified in the pre-ACL letters and staff does not intend to pursue further enforcement. Staff is currently preparing ACL Complaints for the remaining two growers. An additional nine pre-ACL settlement letters are being prepared for mailing in January.

#### **Coalition Groups**

##### **California Rice Commission Coalition**

On 30 December, the California Rice Commission submitted the 2013 Annual Monitoring Report required by the ILRP, which is currently under staff review.

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

On 27 November, staff received the East San Joaquin Water Quality Coalition Quarterly Monitoring Data Report for the period April-June 2013.

On 3 December, the East San Joaquin Water Quality Coalition (Coalition) provided an update on the development of the Groundwater Quality Assessment Report that is required to be prepared by the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed. The Coalition's update included information on the modeling to assess vulnerability and the approach to identify vulnerable areas within the Coalition boundary and on the Central Valley Floor.

In response to 2 December 2013 staff comments on the revised draft templates for Farm Evaluation, Nitrogen Management Plan, and Sediment and Erosion Control Plan, the East San Joaquin Water Quality Coalition submitted the final Farm Evaluation Template on 6 December 2013. The Farm Evaluation Template to be used under the Eastern San Joaquin River Watershed General Order was approved by the Assistant Executive Officer on behalf of the Executive Officer on 9 December 2013. The approved template can be found at: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/irrigated\\_lands/recent\\_exec\\_officer\\_decisions\\_approvals/eastside\\_sjr\\_coalition/2013\\_1206\\_farm\\_eval\\_resp.pdf](http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/recent_exec_officer_decisions_approvals/eastside_sjr_coalition/2013_1206_farm_eval_resp.pdf).

On 10 December, the East San Joaquin Water Quality Coalition (Coalition) submitted a revised Monitoring Program Update report per the 9 October 2013 conditional approval by the Executive Officer. The submittal included updates to the Coalition Monitoring Program update for the 2014 water year, and an addendum with additional analysis/evaluation of past use and water quality data.

##### **Kings River Watershed Coalition Authority (KRWCA)**

On 17 October, representatives from the KRWCA submitted a Notice of Intent to form a third-party under the Tulare Lake Basin Area Irrigated Lands General Order. On 20 November, the Assistant Executive Officer issued a Notice of Applicability to the KRWCA designating the entity as a representative third-party under the Tulare Lake Basin Area Irrigated Lands General Order for growers within portions of Fresno, Kings, and Tulare Counties.

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

On 18 November, the SVWQC submitted a request to move their Pine Creek (Butte County) monitoring site downstream to improve the reliability of runoff during scheduled monitoring events. The request is under Staff review.

On 18 December, the SVWQC submitted two requests to the Executive Officer to consider management plans for sediment toxicity on Stony Creek and aquatic toxicity to *Ceriodaphnia dubia* on Cache Creek complete.

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

On 27 November, the San Joaquin County and Delta Water Quality Coalition submitted its Quarterly Monitoring Data Report for the period between July and September 2013, as required by Order No. R5-2006-0053. After review, these data will be posted on the Irrigated Lands Regulatory Program web site.

### **Tulare Lake Basin Third-party Groups**

On 12 December, staff met with representatives of six prospective third-parties and the Kings River Watershed Coalition Authority (all of which formed from the previous SSJVWC) to discuss coverage for growers under the recently adopted Tulare Lake Basin Area Irrigated Lands General Order. Topics of discussion included coverage of irrigated agricultural areas outside existing irrigation district boundaries and planned staff outreach efforts to enroll new growers in previously uncovered areas.

### **Westside Coalition**

On 20 November, staff held a quarterly management plan meeting with Westside Coalition representatives. Agenda items included discussion of Focused Plan IV revisions, an update from the Coalition on a 29 October grower meeting, and an update on staff review of the June SAMR.

On 30 November, the Westside Coalition submitted its Semi-annual Monitoring Report covering the period March through August 2013, as required. The report is under staff review.

### **Other Projects**

#### **Data Management**

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

Data reports received in acceptable condition through 31 December 2013 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 and Sacramento Valley 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 both Coalitions 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.

#### **Rice Pesticides Program**

On 27 December, the California Rice Commission submitted the 2013 monitoring report for the Rice Pesticides Program. The report was distributed to RPP stakeholders for review as required by Resolution R5-2010-9001.

#### **Prop 84 Grant Funding**

To date, fifty-five projects have been completed and invoiced. Twenty-two projects are still open. The completion and invoicing of projects are required by December 2014.

The soil erosion model submission has been extended for one year so that additional field data may be collected. In 2013, the field crew encountered difficulties in communications (notification of irrigation start), the variability of field parameters (crop type, soil type) and the various irrigation management practices used by farmers. Additional field data to be collected in 2014 will provide more assurance that the model can be used to estimate the sediment load reduction due to implementation of the grant projects.

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

## TMDL BASIN PLANNING

On 3 December 2013, the State Water Board approved an amendment to the Water Quality Control Plan for the Sacramento and San Joaquin River Basin with no discussion. The amendment establishes a Drinking Water Policy for Surface Waters of the Delta and its Upstream Tributaries. This amendment was adopted by the Central Valley Water Board on 26 July 2013.

The following proposed Basin Plan Amendments have been released for public review:

- Amendments to the Water Quality Control Plan for the Sacramento and San Joaquin River Basin for the Control of Diazinon and Chlorpyrifos Discharges
  - More information is available at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/central\\_valley\\_pesticides/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/index.shtml)
  
- Amendments to the Water Quality Control Plans for the Sacramento River and San Joaquin River Basins and the Tulare Lake Basin to Incorporate the State Water Boards' Onsite Wastewater Treatment Systems Policy
  - - More information is available at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/owts/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/owts/index.shtml)
  
- Amendment to the Water Quality Control Plan to Provide a Regulatory Framework for the Closure of Mining Waste Management Units at the Royal Mountain King Mine Site, Calaveras County
  - More information is available at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/hodson\\_littlejohns\\_fault\\_zone/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/hodson_littlejohns_fault_zone/index.shtml)
  
- Amendments to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins to Edit and Update Language. The proposed amendments correct the description of the boundary between the San Joaquin River Basin and the Tulare Lake Basin; remove, correct and update footnotes in several tables; correct typographical errors; and update references to the California Department of Public Health and the California Department of Fish and Wildlife. In addition the amendments will incorporate the State Water Board policies for compliance schedules and recycled water and update the incorporation of the implementation policy for toxics and the enforcement policy.
  - More information is available at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/changes.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/changes.shtml)
  
- Amendments to the Water Quality Control Plan for the Tulare Lake Basin to Edit and Update Language. The proposed amendments correct the description of the boundary between the San Joaquin River Basin and the Tulare Lake Basin; correct a typographical error in the confined animal provisions; incorporate State Water Board policies that are pertinent to the Basin Plan; and correct other typographic errors and update Basin Plan language.
  - More information is available at:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/tularelakebasin\\_changes.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/tularelakebasin_changes.shtml)

## GENERAL

### 1. **Update, Addressing Discharges from Marijuana Cultivation Sites**

Central Valley Water Board staff has been working jointly with the State Water Board, North Coast Water Board, the California Department of Fish and Wildlife, rural counties, legislators, and the Governor's office to address illicit discharges from marijuana cultivation sites. In January 2014 Governor Brown released his Proposed 2014/2015 Budget. The Proposed Budget includes 11 new Water Board positions and 7 new Fish and Wildlife positions to address natural resources damage from marijuana cultivation; five of which would likely be allocated to the Central Valley Water Board. Under this cooperative approach, Water Board staff will be working with Fish and Wildlife to 1) provide public outreach to the marijuana cultivation community regarding pertinent laws and regulations, 2) develop a regulatory program to prevent illicit discharges from marijuana cultivation sites, 3) conduct inspections, and 4) pursue enforcement and/or prosecution of those found to be discharging sediment or pollutants to surface or groundwater.

Central Valley Water Board staff will be working diligently over the next couple of months to develop our proposed strategy in the event the positions are maintained in the Governor's final budget. Staff will provide a comprehensive update on these activities at the May 2014 Central Valley Water Board hearing in Redding.

### 2. **NPDES**

On 21 November, under delegated authority by the Central Valley Water Board, the Executive Officer issued Time Schedule Order (TSO) R5 2013 0901 for the El Dorado Irrigation District (Discharger) Deer Creek Wastewater Treatment Plant (Facility). Though the Facility provides Title 22 tertiary-level treatment of the municipal wastewater, the treated effluent still cannot meet the final limits for zinc contained in Waste Discharge Requirements Order R5-2008-0173-01 (NPDES Permit No. CA0078662). These zinc final effluent limits were calculated using USEPA's default water effect ratio (WER) and require compliance at the end of pipe (e.g., zero dilution). Therefore the Discharger proposes to conduct a site-specific water effects ratio study and dilution study within Deer Creek to provide new information for recalculating the zinc effluent limitations based upon site-specific data. The new TSO contains interim zinc effluent limitations and compliance schedules that provide the Discharger additional time to complete the studies and implement additional source control measures.

3. On 13 December, under delegated authority by the Central Valley Water Board, the Executive Officer issued Order R5 2013 0903 amending Time Schedule Order R5 2008 0056-02 (TSO) for the City of Vacaville (Discharger) Easterly Wastewater Treatment Plant (Facility). The Discharger is constructing the Easterly WWTP Filtration Project in order to comply with new disinfection requirements contained in Waste Discharge Requirements Order R5-2008-0055-01 (NPDES Permit No. CA0077691). As part of the construction project it is necessary to take the Facility out of service. The construction-related plant shutdowns require influent waste streams to be stored in emergency storage basins, while water in the secondary clarifiers is pumped out to temporary storage in order to make new connections within the plant. When the plant flow resumes, the stored wastewater is added to normal flows, which decreases process treatment times, results in lower process removal efficiencies than under normal operations, and requires that increased chlorine (sodium hypochlorite) be added to achieve proper disinfection. More chlorine increases the potential to create disinfection by-products, including chlorodibromomethane and dichlorobromomethane. Higher effluent concentrations of chlorodibromomethane and dichlorobromomethane are unavoidably produced resulting in exceedances of the interim performance-based effluent limits contained in the TSO. Due to the change in Facility operations, the chlorodibromomethane and dichlorobromomethane data used to calculate the performance-based interim effluent limitations are no longer applicable. Based on the recent changes to the Facility, the TSO was amended to modify the interim effluent limits for chlorodibromomethane and dichlorobromomethane.

## PUBLIC OUTREACH

On 18 October, Ben Letton attended a Feather River Coordinated Resource Management (CRM) Steering Committee meeting in Quincy, CA. The focus of the meeting was to discuss the long-term vision and strategy for the CRM and the role of the signatories to the CRM, including the Regional Water Quality Control Board.

On 18 October, Elizabeth Lee and Marisa Van Dyke attended the National Fish and Wildlife Foundation (NFWF) In-lieu Fee (ILF) Program meeting. The ILF Program is sponsored by the NFWF to provide mitigation options to compensate for unavoidable impacts to wetlands, streams, and other aquatic resources. Currently, there is no ILF Program within the Central Valley Region. The meeting included a discussion on the draft Enabling Instrument that covers the US Army Corps of Engineers Sacramento District area (i.e., the Central Valley Region and portions of the Lahontan Region).

On 5 November, Marisa Van Dyke attended the California Wetland Monitoring Work Group meeting. The meeting included discussions on the following subjects: Monitoring Council Triennial Audit; update of California Rapid Assessment Method (CRAM) Quality Assurance Plan; State Water Board's Wetland Policy; and State Wetland and Riparian Monitoring Area Monitoring Program Grants.

On 15 November, several staff from the TMDL section met with small municipalities from the Delta and San Joaquin River areas to discuss implementation of TMDLs in the Phase II Small MS4 Permit. The group is developing permit language for the dissolved oxygen TMDL for the Stockton ship channel, the methylmercury TMDL for the Delta, as well as the pesticides TMDLs for the Delta and the Lower San Joaquin River.

On 19 November, Guy Chetelat participated in the Battle Creek Work Group meeting in Red Bluff. The meeting covered MOU review, water quality monitoring, and watershed issue updates.

On 20 November, 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. (AMM)

On 21 November, Danny McClure, Sue McConnell, Elizabeth Lee, Gen Sparks and Holly Grover attended a meeting with State Water Board staff and municipal storm water dischargers in Sacramento to present and discuss draft TMDL implementation language for the State Water Board's Phase II Municipal Storm Water permit. Revisions to the permit to incorporate TMDL implementation requirements are planned to go before the State Water Board this summer.

On 22 November, Terry Bechtel and Scott Perrou attended a meeting sponsored by the East San Joaquin Water Quality Coalition that addressed how growers could prevent sediment discharges from irrigated lands undergoing conversion from pasture to orchard or other crop type. Mr. Bechtel presented information regarding the board's regulatory requirements and enforcement options. Board staff answered grower questions. The meeting, which was held in Denair, had about a hundred grower attendees.

On 3 December, Melissa Dekar gave a presentation entitled "Pesticide Impairments in the Central Valley" to over 200 pesticide applicators at a California Association of Pest Control Advisors continuing education class in Sacramento.

On 4 December, Ben Letton attended a public meeting held at Shasta County Board of Supervisor's office in Redding, CA regarding potential new legislation for a new Water Bond. The meeting was organized by Assemblyperson Brian Dahle and was well attended by both members of the public, agency representatives, and the media. The focus of the talk was on water supply issues and the need to create more surface water storage to be able to capture water during times of surplus.

On 5 December, 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 *Integrated DNAPL Site Strategy* (November 2011). 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 135 people world-wide attended this training. (AMM)

On 5 December, Ben Letton attended an Upper Pit River IRWM meeting in Bieber, CA. The focus of the meeting was to adopt the final Upper Pit River IRWM Plan. The plan was adopted unanimously.

On 9 December 2013, staff from the Central Valley Water Board and the State Water Board's Office of Public Participation distributed a bilingual fact sheet door-to-door in Kettleman City. At the suggestion of environmental justice groups, Staff also distributed the fact sheet on 8 December after Sunday services at a church in Kettleman City. The fact sheet provided information regarding the Central Valley Water Board hearing held in Kettleman City on 16 January 2014 regarding expansion of hazardous waste operations at the Kettleman Hills Facility (DLC).



On 11 December, Guy Chetelat and Ben Letton attended the Sacramento River Regional Forum hosted by DWR in Redding. The forum allowed for public and agency input on DWR's California Water Plan and Sacramento River Regional Report. Concerns were raised regarding the need to include upper watersheds and groundwater management.

On 12 December, Diane Beaulaurier attended a meeting of the California Water Quality Monitoring Council.

On 17 December, Phil Woodward and Patrick Morris met with members of the California Abandoned Mines Lands Agency Group (CAMLAG) to discuss potential watersheds where the group could work in collaboration to remediate environmental issues associated with discharges from abandoned mines. CAMLAG consists of government agencies (Federal, State, and local) with regulatory interests in the cleanup/remediation of abandoned mines in California. The group is facilitated by the Department of Conservation, Office of Mine Remediation.

On 17 December, Guy Chetelat met with Butte County and US Army Corps of Engineers representatives regarding the Butte Resource Conservation Plan for wetland mitigation. The plan is part of a process to develop Clean Water Act section 404 and 401 permits for an expanded geographic area in Butte County.

On 18 December, Diane Beaulaurier attended a meeting of the Delta Science Program's Independent Science Review Panel concerning their review of the Effects Analysis of the Draft BDCP.

On 19 December, Diane Beaulaurier attended a meeting of the Delta Stewardship Council.

On 19 December, Chris Foe and Dr. Randy Dahlgren, UC Davis, made a presentation to staff from the Ecosystem Restoration Program, State and Federal Water Contractors, and Department of Water Resources on nitrogen and chlorophyll cycling in the Yolo Bypass. Study results may help inform the restoration program in the flooded lower Yolo Bypass.

On 7 January, Gen Sparks met with Phase II MS4 Permittees at the Placer Regional Stormwater Coordination Group to discuss second year permit requirements under the new Phase II MS4 permit. Attendees also discussed the Central Valley Water Board's Region-wide MS4 Permit and upcoming low impact development informational events.

**PERSONNEL AND ADMINISTRATION**

**PERSONNEL REPORT**

November 1, 2013 – December 31, 2013

<u>Total Positions</u>	<u>Permenant</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
259.7	224.7	35	8	7	3

Promotions:

George Low – Sr. EG

Leave of Absence:

Bethany Soto  
Dannas Berchtold

Return from LOA:

None

Retired:

Victor Izzo

**Permanent Staff**

<b>Separations</b>	<b>New Hires</b>
Victor Izzo – Sr. EG	Cori Hutchens – ES Christopher Flower – EG Fajmir Rai – ES Eric Warren – ES Denise Baumann – AGPA Griffin Perea – EG

**Temporary Help Staff**

<b>Separations</b>	<b>New Hires</b>
Matthew Pavelchik - SA Saskia Donovan – Eng/Arch Asst.	Julia Walker - SA

## TRAINING REPORT

November 1, 2013 – December 31, 2013

<u>Course Title</u>	<u>Number of Attendees</u>
8 hour Hazwoper Training	29
Basic TMDL Development, Adoption and Approval	1
Communicating Effectively Course No. 801	1
Defensive Drivers Training	1
Dredging and Wetland Restoration	1
Environmental Statistics	4
Fundamentals of Contaminant Chem and Applications in Subsurfa	1
Habitat Conservantion Plan Implementation	2
HAZWOPER Refresher Training	17
Intro to JavaScript (ISI-1337)	1
Introduction to Environmental Statistics	1
Maximizing Stakeholder Meetings & Processes Level 1-2	6
Mitigation and Conservation Banking	1
Natural Resource Damage Assessment (NRDA) 101	9
NPDES Legal Issues Training	18
NPDES SIP Based Permit Writer Training	2
Problem Solving & Decision Making/Course No. 330	1
Procurement Training	2
Risk and Decision Making Workshop	2
State Supervisory Training Module 3	1
Streambank Assessment and Restoration	2

## **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.

### **MARCH 11/12 2014 BOARD MEETING**

#### **Irrigated Lands Regulatory Program**

- Waste Discharge Requirements General Order for Growers within the Sacramento River Watershed that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the San Joaquin County and Delta Area that are Members of a Third-Party Group (New WDRs)

### **MARCH 27/28 2014 BOARD MEETING**

#### **Irrigated Lands Regulatory Program**

- Waste Discharge Requirements General Order for Sacramento Valley Rice Growers (New WDRs)

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

- City of Stockton Regional Wastewater Control Facility Permit Renewal
- City of Roseville, Dry Creek WWTP Permit Renewal
- City of Roseville, Pleasant Grove WWTP Permit Renewal
- McClellan Air Force Base Groundwater Cleanup Permit Renewal
- City of Visalia WWTP Permit Renewal
- Mariposa PUD WWTF Permit Renewal
- Mather AFB Groundwater Treatment System NPDES Permit Rescission
- City of Turlock WWTP Time Schedule Order
- City of Alturas WWTP Permit Renewal
- Burney Forest Products Permit Renewal
- City of Shasta Lake WWTP Permit Renewal
- University of California, Davis Aquatic Weed Lab Permit Rescission
- Limited Threat General Order Amendment

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

- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- Delano Growers Grape Products (Revised WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- Wilbur Packing, Yuba City Prune Processing Facility (New WDRs)
- Cottonwood Creek Sand and Gravel (Rescind WDRs)
- Compost Solutions (Revised WDRs)
- Shasta Renewable Resources LLC (New WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)

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

- Fresno Co., Coalinga Landfill (Revised WDRs)
- Orange Ave. Landfill, Fresno County, (Revised WDRs)
- Kings Co. Waste Authority, Hanford Landfill (Revised WDRs)
- Walker Mine (CAO)
- Walker Mine Tailings (CAO)
- Mount Diablo Mercury Mine (CAO)
- Timm Mine (Revised WDRs)
- Eagleburg Mine (New WDRs)
- Stonyford Landfill (Revised WDRs)

## **JUNE 2014 BOARD MEETING**

### **NPDES PROGRAM-PERMITTING**

- City of Vacaville Easterly WWTP Permit Renewal
- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- City of Williams WWTP Permit Renewal
- Town of Discovery Bay WWTP Permit Renewal
- City of Merced WWTF Permit Renewal
- Yosemite National Park, El Portal WWTF Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- SPI-Burney Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal
- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Anderson WWTP Permit Renewal

### **STORM WATER PROGRAM - PERMITTING**

- Port of Stockton Storm Water Management Plan Approval

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

- Sunny Gem Almond Plant, Kern (New WDRs)
- Paramount Farms, King Facility (Revised WDRs)
- Bianchi Vineyards (Revised WDRs)
- Sacramento Rendering Company, Sacramento Rendering Facility (Revised WDRs)
- City of Dixon, Dixon WWTF (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Baker Commodities, Kerman (Revised WDRs)
- The Wine Group, Franzia-Sanger (Revised WDRs)

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

- Zenda Mine (Revised WDRs)
- Aera Energy LLC, Post Closure WDRs, Reagan Impoundments (Revised WDRs)
- Aera Energy LLC, Post Closure WDRs, Hwy. 33 Impoundments, (Revised WDRs)
- Aera Energy LLC, Post Closure WDRs, Row4/Lost Hills Impoundments (Revised WDRs)
- Aera Energy LLC, Post Closure WDRs, South Belridge Impoundments (Revised WDRs)
- Red Hill Mine (Revised WDRs)
- Northern Recycling Compost (New WDRs)
- Musco Olive (Revised WDRs)
- Aqua Clear Farms (Revised WDRs)
- YSDI Landfill (Revised WDRs)
- Glenn Co. Landfill (Revised WDRs)

## **AUGUST 2014 BOARD MEETING**

### **NPDES PROGRAM-PERMITTING**

- Malaga CWD WWTF Permit Renewal
- San Andreas Sanitary District WWTP Permit Renewal
- University of California, Davis Main WWTP Permit Renewal
- Community Drinking Water Systems General Order

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

### **NPDES PROGRAM – PERMITTING**

- 16 to 1 Mine Permit Issuance
- City of Live Oak WWTP Permit Amendment
- Crystal Creek Aggregate Inc. Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- SWA at Mountain Gate – Permit Renewal
- Stallion Springs WWTF Permit Renewal

### **STORM WATER PROGRAM - PERMITTING**

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

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

- Del Monte Plant 24 (Revised WDRs)
- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Seneca Mine (New WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)
- City of Redding, Redding Power (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Berrendos CSD Treatment System (Revised WDRs)
- Butte CSA, Stirling City Ponds (Revised WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Revised WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- USDA Forest Service, Canby Ranger Station (Revised WDRs)
- CA Department of Forestry, Devils Garden Conservation Camp (Revised WDRs)
- CA Department of Forestry, Valley View Conservation Camp (Revised WDRs)
- City of Farmersville (Revised WDRs)
- Gateway Village WWTF (New WDRs)
- Delhi WWTF (Revised WDRs)
- Panoche Energy LLC (New WDRs)
- GWF Henrietta (New WDRs)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- City of Newman, Newman WWTF (Revised WDRs)
- Syngenta Seed, Woodland Seed Processing Facility (Revised WDRs)
- City of Lathrop, Lathrop/Califia WWTF (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)

### **Irrigated Lands Regulatory Program**

- Grasslands Bypass Project (Revised WDRs)

ATTACHMENT A

**Sanitary Sewer Spills - Summary Report**

Count of Spills 1 November - 18 December 2013

Count of Spills	5F			5F Total	5R			5R Total	5S			5S Total	Grand Total
Start Date	Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		
November	1	2	11	14	1	0	4	5	7	0	70	77	96
December	0	0	0	0	0	0	2	2	4	0	17	21	23
<b>Grand Total</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>7</b>	<b>11</b>	<b>0</b>	<b>87</b>	<b>98</b>	<b>119</b>

Spill Cause	Count of Spills	%
Root Intrusion	45	38%
Grease Deposition (FOG)	29	24%
Debris-General	23	19%
Debris-Rags	7	6%
Debris from Lateral	4	3%
Other	3	3%
Pump Station Failure-Mechanical	3	3%
Debris from Construction	2	2%
Pipe Structural Problem/Failure	2	2%
Vandalism	1	1%
<b>Grand Total</b>	<b>119</b>	

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

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

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

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

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

Region	Collection System	Spill ID	Certified Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
SS	Sacramento Area Sewer District CS	800741	Certified	Category 1	96711	Sacramento	Yes	25,140	25,030	11/12/13	Grease Deposition (FOG)
SS	Sacramento Area Sewer District CS	800788	Certified	Category 1	96824	Sacramento	Yes	1,107	1,077	11/13/13	Root Intrusion
SS	City Of Antioch CS	800759	Certified	Category 1	4062 Folsom Drive	Contra Costa	Yes	14,962	962	11/11/13	Grease Deposition (FOG)
SS	Amador City CS	801145	Certified	Category 1	Manhole 114A next to Amador Creek behind 10611 Fleehart Street	Amador	Yes	500	500	11/26/13	Grease Deposition (FOG)
SS	Sacramento Area Sewer District CS	801085	Certified	Category 1	97608	Sacramento	Yes	411	336	11/22/13	Grease Deposition (FOG)
SS	City of Turlock CS	801575	Certified	Category 1	5520 10th street	Stanislaus	Yes	167	167	12/08/13	Debris-General
SR	Red Bluff CS	800930	Certified	Category 1	810 Breckenridge	Tehama	Yes	200	120	11/16/13	Root Intrusion
SS	Sacramento Area Sewer District CS	801101	Certified	Category 1	97609	Sacramento	Yes	91	67	11/22/13	Grease Deposition (FOG)
5F	Bear Valley Csd CS	800940	Certified	Category 1	Crystal Lake Lane cross street Aqua Villa Court at manhole #14	Kern	Yes	230	50	11/18/13	Debris-General
SS	Discovery Bay CS	801654	Certified	Category 1	Key West Way & Pyramid Way, Discovery Bay California	Contra Costa	Yes	50	50	12/12/13	Debris from Construction
SS	Sacramento Area Sewer District CS	801318	Certified	Category 1	98088	Sacramento	Yes	25	25	12/01/13	Root Intrusion
SS	Winters CS	801919	Certified	Category 1	110 Main St, residential lateral	Yolo	Yes	20	10	12/02/13	Debris-Rags
SS	Winters CS	801499	Certified	Category 1	123 westwood ct, residential lateral	Yolo	Yes	10	4	11/15/13	Debris from Lateral
5F	City of Fresno CS	801153	Certified	Category 2	4006 N. Hughes Ave	Fresno	No	38,200	0	11/15/13	Pipe Structural Problem/Failure
5F	City of Fresno CS	801155	Certified	Category 2	5420 E. Tulare Street	Fresno	No	4,470	0	11/21/13	Grease Deposition (FOG)
SS	West Sacramento CS	800708	Certified	Category 3	1391 Berry Creek Road	Yolo	No	800	0	11/10/13	Grease Deposition (FOG)
5F	North of River Sanitary District #1 CS	800648	Certified	Category 3	Oiledale Drive & Mccord Ave	Kern	No	600	0	11/09/13	Grease Deposition (FOG)
SS	City of Stockton MUD CS	800898	Certified	Category 3	2032 Madrid Dr. Stockton Ca	San Joaquin	No	508	0	11/14/13	Debris-General
SS	San Andreas CS	801546	Certified	Category 3	MH B-610	Calaveras	No	500	0	12/10/13	Grease Deposition (FOG)
SR	Red Bluff CS	800537	Certified	Category 3	180 South Main	Tehama	No	450	0	11/04/13	Vandalism
SR	Redding City CS	800905	Certified	Category 3	Manhole O10-4, located in ROW adjacent to 3062 Churn Creek Rd	Shasta	No	450	0	11/18/13	Debris from Lateral
SS	Williams CS	801300	Certified	Category 3	4th / C Street	Colusa	No	450	0	11/15/13	Grease Deposition (FOG)
5F	Wasco State Prison CS	801355	Certified	Category 3	WASCO STATE PRISON-RECEPTION CENTER	Kern	No	300	0	11/07/13	Debris-General
SR	Shasta Lake CS	800551	Certified	Category 3	MH C-4	Shasta	No	300	0	11/05/13	Root Intrusion
SS	Williams CS	801298	Certified	Category 3	North Street	Colusa	No	300	0	11/12/13	Grease Deposition (FOG)
SS	Grass Valley City CS	801405	Certified	Category 3	108 Ocean Avenue	Nevada	No	279	0	11/27/13	Debris-General
SS	Lathrop CS to Manteca WQCF CS	800722	Certified	Category 3	Sedona and Camelback	San Joaquin	No	260	0	11/12/13	Debris-Rags
SS	Jamestown SD CS	801259	Certified	Category 3	18745 Jamestown Rd, Jamestown, CA 95327	Tuolumne	No	250	0	12/01/13	Root Intrusion
5F	Selma-Kingsburg-Fowler CS	800792	Certified	Category 3	3833 Olive & Tammylane	Fresno	No	200	0	11/13/13	Other (specify below)
SR	City of Orland CS	800727	Certified	Category 3	Norcal	Glenn	No	200	0	11/11/13	Debris from Lateral
SS	Modesto CS	801075	Certified	Category 3	3300 Smokehouse Ave.	Stanislaus	No	180	0	11/24/13	Grease Deposition (FOG)
SS	Ironhouse Sanitary District CS	800530	Certified	Category 3	Sandmound forcemain	Contra Costa	No	168	0	11/01/13	Pipe Structural Problem/Failure
SS	Sacramento Area Sewer District CS	801379	Certified	Category 3	96229	Sacramento	No	165	0	11/06/13	Grease Deposition (FOG)
5F	Ford City-Taft Heights CS	801460	Certified	Category 3	Date Street, MH5169	Kern	No	150	0	11/30/13	Grease Deposition (FOG)
SS	West Sacramento CS	800536	Certified	Category 3	319 6th Street	Yolo	No	150	0	11/04/13	Grease Deposition (FOG)
SS	Winters CS	801922	Certified	Category 3	106 Anderson St,	Yolo	No	150	0	12/09/13	Root Intrusion
SS	City of Stockton MUD CS	801508	Certified	Category 3	1721 Funston Ave.	San Joaquin	No	148	0	12/06/13	Root Intrusion
SS	City of Sacramento Utilities CS	800499	Certified	Category 3	6589 DEMARET DR, SACRAMENTO, CA	Sacramento	No	140	0	11/02/13	Root Intrusion
SS	Yuba City CS	800698	Certified	Category 3	437 Century Park Drive	Sutter	No	120	0	11/07/13	Debris-General
SS	City of Woodland CS	800808	Certified	Category 3	46 Walnut St	Yolo	No	103	0	11/11/13	Root Intrusion
SS	City of Woodland CS	800807	Certified	Category 3	744 Sixth St	Yolo	No	90	0	11/05/13	Grease Deposition (FOG)
SS	Manteca CS	801485	Certified	Category 3	141 El Portal	San Joaquin	No	88	0	11/10/13	Grease Deposition (FOG)
SS	Ceres CS	800959	Certified	Category 3	1460 Mitchell Road Ceres,CA.	Stanislaus	No	86	0	11/21/13	Grease Deposition (FOG)
SS	City of Stockton MUD CS	801452	Certified	Category 3	1306 E. Flora	San Joaquin	No	77	0	12/05/13	Root Intrusion
5F	Wasco State Prison CS	801356	Certified	Category 3	WASCO STATE PRISON-RECEPTION CENTER	Kern	No	75	0	11/20/13	Debris-General
SS	City of Stockton MUD CS	800913	Certified	Category 3	746 Los Felis Ave.	San Joaquin	No	71	0	11/19/13	Debris-General
SS	Modesto CS	800904	Certified	Category 3	3040 Independence Way	Stanislaus	No	60	0	11/19/13	Grease Deposition (FOG)
SS	City of Stockton MUD CS	801112	Certified	Category 3	134 W. Magnolia St.	San Joaquin	No	59	0	11/25/13	Root Intrusion
SS	City of Stockton MUD CS	800906	Certified	Category 3	111 W Ponce De Leon Ave	San Joaquin	No	51	0	11/19/13	Debris from Lateral

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
SS	Marysville CS	801450	Certified	Category 3	Intersection of Cheim & Hobart	Yuba	No	50	0	11/06/13	Grease Deposition (FOG)
SS	Angels Camp CS	801781	Certified	Category 3	766 Mark Twain Rd.	Calaveras	No	50	0	12/14/13	Root Intrusion
SS	Dry Creek CS	801787	Certified	Category 3	503 Tahoe	Placer	No	50	0	12/15/13	Root Intrusion
SS	City of Stockton MUD CS	801186	Certified	Category 3	1418 E. Worth St.	San Joaquin	No	47	0	11/26/13	Root Intrusion
SS	Tuolumne CS	801307	Certified	Category 3	Rozier Alley Way	Tuolumne	No	42	0	12/02/13	Debris-Rags
SS	City Of Antioch CS	801568	Certified	Category 3	806 E 18th Street	Contra Costa	No	41	0	11/27/13	Debris-General
SS	Sacramento Area Sewer District CS	801495	Certified	Category 3	98127	Sacramento	No	40	0	11/27/13	Root Intrusion
SS	City of Stockton MUD CS	800915	Certified	Category 3	1876 Crestwood Cir.	San Joaquin	No	39	0	11/20/13	Debris-General
SS	City of Woodland CS	801636	Certified	Category 3	1528 Sixth Street	Yolo	No	38	0	11/17/13	Debris-Rags
5F	Atwater CS	800707	Certified	Category 3	1640 Almador Terrace	Merced	No	30	0	11/08/13	Pump Station Failure-Mechanical
5F	City Of Bakersfield CS	801445	Certified	Category 3	3517 South Halfmoon dr.	Kern	No	30	0	11/22/13	Grease Deposition (FOG)
SS	Dry Creek CS	801728	Certified	Category 3	Folsom, Cross Street Sutter	Placer	No	26	0	11/27/13	Root Intrusion
SS	City of Stockton MUD CS	801437	Certified	Category 3	4964 Kimball Hill Cir.	San Joaquin	No	25	0	12/04/13	Debris-General
SS	City Of Newman CS	801677	Certified	Category 3	707 Driskell Avenue Newman, Ca 95360	Stanislaus	No	25	0	12/12/13	Grease Deposition (FOG)
SS	Sacramento Area Sewer District CS	801210	Certified	Category 3	95773	Sacramento	No	24	0	10/31/13	Root Intrusion
SS	City of Stockton MUD CS	801182	Certified	Category 3	7214 Lorraine Ave.	San Joaquin	No	23	0	11/26/13	Debris-General
SS	City of Woodland CS	801479	Certified	Category 3	605 Denise Dr.	Yolo	No	21	0	11/30/13	Root Intrusion
5F	City Of Bakersfield CS	801446	Certified	Category 3	2600 30th St and Spruce	Kern	No	20	0	11/16/13	Grease Deposition (FOG)
5F	City Of Bakersfield CS	801447	Certified	Category 3	5301 Office Park Dr	Kern	No	20	0	11/25/13	Pump Station Failure-Mechanical
5F	SA-2 Bass Lake CS	801219	Certified	Category 3	Road 222 between the forks and Denver church campground	Madera	No	20	0	11/25/13	Other (specify below)
5F	Atwater CS	801245	Certified	Category 3	Shaffer Lift Station	Merced	No	20	0	11/28/13	Pump Station Failure-Mechanical
5R	Redding City CS	801628	Certified	Category 3	3600 Scenic Dr	Shasta	No	20	0	12/01/13	Other (specify below)
SS	City Of Antioch CS	801176	Certified	Category 3	3332 Fontana Pl.	Contra Costa	No	20	0	11/04/13	Debris-General
SS	City of Stockton MUD CS	801442	Certified	Category 3	8317 Kiltie Way	San Joaquin	No	19	0	12/03/13	Root Intrusion
SS	City Of Antioch CS	801567	Certified	Category 3	2301 Cordoba Way	Contra Costa	No	15	0	11/05/13	Debris-General
SS	Grass Valley City CS	800688	Certified	Category 3	Dorsey Drive / 1255 East Main Street	Nevada	No	15	0	11/10/13	Debris from Construction
SS	Sacramento Area Sewer District CS	801454	Certified	Category 3	98087	Sacramento	No	15	0	11/30/13	Root Intrusion
SS	City of Sacramento Utilities CS	800852	Certified	Category 3	5352 Karbet Way, sacramento ca	Sacramento	No	14	0	11/14/13	Debris-General
SS	Sacramento Area Sewer District CS	801690	Certified	Category 3	96453	Sacramento	No	11	0	11/08/13	Root Intrusion
SS	City of Stockton MUD CS	800902	Certified	Category 3	5310 N. Eldorado St. Stockton Ca.	San Joaquin	No	11	0	11/18/13	Debris-General
5R	Redding City CS	801632	Certified	Category 3	Manhole O10-23, located in Bond St ROW just north of 1193 Bond St	Shasta	No	10	0	12/11/13	Grease Deposition (FOG)
SS	Dry Creek CS	800711	Certified	Category 3	312 Folsom Rd.	Placer	No	10	0	11/01/13	Root Intrusion
SS	Dry Creek CS	800754	Certified	Category 3	SMH C04-356	Placer	No	10	0	11/03/13	Grease Deposition (FOG)
SS	Sacramento Area Sewer District CS	801397	Certified	Category 3	96499	Sacramento	No	10	0	11/09/13	Root Intrusion
SS	Sacramento Area Sewer District CS	801400	Certified	Category 3	96503	Sacramento	No	10	0	11/09/13	Root Intrusion
SS	Sacramento Intl Airport CS	800756	Certified	Category 3	ABM Trailer	Sacramento	No	10	0	11/14/13	Debris-Rags
SS	Grass Valley City CS	800883	Certified	Category 3	225 South Auburn Street	Nevada	No	10	0	11/19/13	Debris-Rags
SS	City of Sacramento Utilities CS	800941	Certified	Category 3	2101 Catskill Way, Sacramento, CA	Sacramento	No	10	0	11/20/13	Grease Deposition (FOG)
SS	Lake Berryessa Resort CS	801191	Certified	Category 3	CO at 2451 Harness Drive	Napa	No	10	0	11/26/13	Root Intrusion
SS	Sacramento Area Sewer District CS	801380	Certified	Category 3	96361	Sacramento	No	8	0	11/07/13	Root Intrusion
SS	Sacramento Area Sewer District CS	801456	Certified	Category 3	98086	Sacramento	No	8	0	11/30/13	Root Intrusion
SS	Sacramento Area Sewer District CS	801382	Certified	Category 3	96376	Sacramento	No	7	0	11/06/13	Root Intrusion
SS	City of Sacramento Utilities CS	800669	Certified	Category 3	5011 SOUTH LAND PARK DR, SACRAMENTO, CA	Sacramento	No	6	0	11/08/13	Root Intrusion
SS	City Of Antioch CS	801178	Certified	Category 3	1308 Trembath Lane	Contra Costa	No	5	0	11/02/13	Debris-General
SS	Sacramento Area Sewer District CS	801687	Certified	Category 3	96493	Sacramento	No	5	0	11/09/13	Debris-General
SS	Sacramento Area Sewer District CS	801402	Certified	Category 3	96511	Sacramento	No	5	0	11/10/13	Debris-General
SS	Sacramento Area Sewer District CS	801403	Certified	Category 3	96534	Sacramento	No	5	0	11/11/13	Debris-General
SS	City of Sacramento Utilities CS	801209	Certified	Category 3	2101 Catskill Way, Sacramento, CA	Sacramento	No	5	0	11/23/13	Grease Deposition (FOG)
SS	City of Stockton MUD CS	801091	Certified	Category 3	535 W Vine St.	San Joaquin	No	5	0	11/23/13	Root Intrusion
SS	Dry Creek CS	801744	Certified	Category 3	900 Atlantic St.	Placer	No	5	0	12/01/13	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	City of Stockton MUD CS	801440	Certified	Category 3	2703 Odell Ave.	San Joaquin	No	5	0	12/02/13	Debris-General
5S	Dry Creek CS	801773	Certified	Category 3	607 Windsor	Placer	No	5	0	12/05/13	Root Intrusion
5S	Dry Creek CS	801871	Certified	Category 3	168 Donner	Placer	No	5	0	12/14/13	Grease Deposition (FOG)
5S	City of Stockton MUD CS	800901	Certified	Category 3	451 E. Sonoma Ave.	San Joaquin	No	4	0	11/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801516	Certified	Category 3	95845	Sacramento	No	3	0	11/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801517	Certified	Category 3	95847	Sacramento	No	3	0	11/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801518	Certified	Category 3	95850	Sacramento	No	3	0	11/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801388	Certified	Category 3	96391	Sacramento	No	3	0	11/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801406	Certified	Category 3	96548	Sacramento	No	3	0	11/11/13	Root Intrusion
5S	City of Stockton MUD CS	801143	Certified	Category 3	454 Jill Cir.	San Joaquin	No	3	0	11/25/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	801514	Certified	Category 3	95798	Sacramento	No	2	0	11/02/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801524	Certified	Category 3	96037	Sacramento	No	2	0	11/05/13	Debris-General
5S	Sacramento Area Sewer District CS	801393	Certified	Category 3	96394	Sacramento	No	2	0	11/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801396	Certified	Category 3	96441	Sacramento	No	2	0	11/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801693	Certified	Category 3	96436	Sacramento	No	2	0	11/08/13	Debris-General
5S	Sacramento Area Sewer District CS	801408	Certified	Category 3	97565	Sacramento	No	2	0	11/22/13	Root Intrusion
5S	Sacramento Area Sewer District CS	801525	Certified	Category 3	97708	Sacramento	No	2	0	11/22/13	Root Intrusion
5S	Dry Creek CS	801731	Certified	Category 3	214 Cedar	Placer	No	2	0	11/27/13	Root Intrusion
5S	Grass Valley City CS	801407	Certified	Category 3	819 West Main	Nevada	No	2	0	12/03/13	Debris-Rags
5S	Dry Creek CS	801730	Certified	Category 3	335 Grove St.	Placer	No	1	0	12/02/13	Root Intrusion