

**California Regional Water Quality Control Board  
Central Valley Region  
Pamela Creedon, Executive Officer**



**EXECUTIVE OFFICER'S REPORT  
May 30/31, 2013**

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## SUCCESS STORIES

- 1. Record of Decision for 12 Ecological Sites at the Former McClellan Air Force Base is Completed, Sacramento County.** In March 2013, the Air Force and the regulatory agencies completed the signature process for the Final Ecological Sites Record of Decision (ROD) for 12 sites at the former McClellan Air Force Base (McClellan). The completion of this ROD is a major milestone for the McClellan cleanup program. The ROD selects the final remedial actions under CERCLA for 12 Installation Restoration Program (IRP) sites. The ROD addresses contaminants in soil and sediment at 12 IRP sites that are considered "ecologic" because these sites have ecological habitat of some kind, including creeks, vernal pools, and wetlands. The Air Force proposes to take remedial actions under CERLCA at 7 of the 12 sites. No action is selected for 5 of the sites. The 7 sites requiring remedial actions contain dioxins/furans, metals, pesticides, polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) in soil and sediment that present a threat to human health and the environment. The Air Force selected remedies include various combinations of excavation and disposal with monitoring of sediments and surface water, and institutional controls to restrict land use. Several of the sites are located in the West Nature Area on the west side of McClellan. The West Nature Area is an established conservation area and the property will remain substantially in its natural condition in perpetuity.
- 2. Compliance Action Completed for Administrative Civil Liability Complaint R5-2012-0500, California Department of General Services (DGS), Nevada City Forest Fire Station, Nevada County**  
On 11 January 2013, the Executive Officer and DGS settled an ACL Complaint which was issued for violations of the Construction Storm Water General Permit during construction of a new fire station under a contract from DGS. As part of the settlement, DGS agreed to pay a monetary penalty and to complete an Enhanced Compliance Action (ECA) consisting of state-wide storm water pollution prevention training for DGS construction project managers and field staff. The penalty of \$26,210 was paid to the Cleanup and Abatement Account on 25 January 2013. The training was conducted in the first quarter of the year and the final report for the ECA was submitted on 15 April 2013. The report documents that DGS provided nine of their staff with three days of Qualified Storm Water Pollution Prevention Plan (SWPPP) Practitioner (QSP) and Qualified SWPPP Developer (QSD) training. DGS also provided four hours of customized storm water training to 65 Project Managers and Project Directors. An additional 48 field inspectors also received four hours of storm water training on permit requirements and Best Management Practices (BMPs). The training was designed to bolster DGS's storm water effectiveness from project bidding through construction, including contract language, budgeting, and implementation. DGS successfully completed the ECA at a cost of about \$165,000.
- 3. Crane Valley Dam Seismic Retrofit Project Completed (Bass Lake)**  
After four years of lowered water levels and construction on the dam, Bass Lake is ready to be refilled in time for the 2013 recreation season. Restocking of the lake by the dam owner Pacific Gas and Electric Company as part of the project mitigation appears to be successful in bringing back the fishermen. For public safety reasons, the lake levels had been dropped 10 feet below lake capacity causing disruption in recreation use. PG&E completed the project that involved realigning the downstream dam face with rock and a drain system, and eight months of in-lake dredging to move 50,000 cubic yards of hydraulic fill from the upstream dam face to replace it with rock.

To protect the in-lake fishery, the dredging area was separated from the main lake using two turbidity curtains and the lake water quality was monitored throughout the project following a Water Quality Monitoring Plan developed by PGE in consultation with the California Department of Fish and Wildlife and Central Valley Water Board staff. Best management practices were implemented throughout the project site, including the on-site 30-acre rock quarry, as part of project coverage under the Construction Stormwater General permit. Central Valley Water Board staff and PG&E worked closely in addressing potential water quality problems that came up throughout the project.

- 4. Vacant Residence, 1125 Elwood Road, Squaw Valley, Fresno County**  
A No Further Action determination was issued for a vacant rural property at 1125 Elwood Road, Squaw Valley Fresno County, on 16 April 2013. Soil at the site was impacted by releases of heavy end petroleum hydrocarbons from two aboveground storage tanks (ASTs) at the site. Assessment delineated the extent of petroleum hydrocarbon degraded soil. The contents of the two ASTs were removed and transported offsite for disposal, along with the ASTs. Degraded soil was excavated and transported to an appropriately licensed facility for disposal. Confirmation soil samples indicated that

remaining petroleum hydrocarbon concentrations in soil were below site cleanup goals. Trash and miscellaneous containers on the site were removed. Based on submitted information, a negligible amount of petroleum hydrocarbons remain in soil and do not pose a threat to human health, groundwater, or the environment.

5. **No Further Action Required - Underground Storage Tanks (UST)**

Following are sites where Board staff concluded that residual hydrocarbons do not pose a threat to human health and safety or anticipated future beneficial uses of water. Investigation and remediation work, therefore, may be discontinued and no further action is required. This decision is 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**

- **Halfway Store, 17909 South Derrick Avenue, Cantua Creek**  
Two gasoline USTs were removed during March 1993 and gasoline was detected in soil. Fresno County referred the case to the Central Valley Water Board for regulatory oversight in 2008. Seven borings were drilled to depths of 40 feet at the site during March 2012 and gasoline constituents were detected in three of the borings between depths of 10 and 25 feet. The depth to water in the area is expected to be in excess of 200 feet. The site meets the criteria for closure in the LTCP and was closed on 16 April 2013.
- **Texaco Star Mart #8, 3610 West Mount Whitney Avenue, Riverdale**  
Product piping and dispensers were upgraded during 1996 and gasoline and diesel were detected in soil. Fresno County referred the case to the Central Valley Water Board for regulatory oversight in 2008. Four soil borings were drilled to depths of 50 feet in 2012 and no gasoline constituents and only low concentrations of diesel constituents were detected. The site meets the criteria for closure in the LTCP and was closed on 13 March 2012.
- **Calpine Containers Facility, 1440 "M" Street, Firebaugh**  
One 1,000-gallon gasoline UST was removed from the site during June 1986 and gasoline was detected in soil. Subsequent investigations detected free floating product in shallow groundwater. Soil excavation and groundwater extraction was performed and removed an undetermined quantity of gasoline. A soil vapor investigation showed the release does not pose a threat to indoor air. Monitoring has shown the groundwater plume is stable and shrinking and there are no water supply wells in the area. The site was closed as low risk on 2 April 2013.
- **Fire Station #3, 1406 Fresno Street, Fresno**  
A diesel UST was removed in 2009 and diesel was detected in soil. The excavation was enlarged to remove impacted soil. An investigation performed in 2012 determined that the release does not extend below a depth of 35 feet and does not threaten groundwater. The site meets the criteria for closure in the LTCP and was closed on 8 April 2013.
- **Community Medical Center – Clovis, 2755 Herndon Avenue, Clovis**  
A diesel UST was removed in 2012 and diesel was detected in soil. A subsequent investigation determined that the release was limited to a small area. The site meets the criteria for closure in the LTCP and was closed on 8 April 2013.
- **Shell, 5325 West Shaw Avenue, Fresno**  
Four USTs were removed in 1988 and gasoline was detected in soil. Groundwater monitoring wells were installed and soil vapor extraction removed about 4,700 pounds (~760 gallons) of gasoline. During that

last groundwater monitoring event, the only petroleum constituent detected was 1,2-DCA. The site meets the criteria for closure in the LTCP and was closed on 2 April 2013.

### **Kern County**

- **Kimber Avenue Renegade, 8200 Kimber Avenue, Bakersfield**  
A UST release was discovered in the dispenser area during a 2011 investigation related to a property transfer. Investigation indicated a minor diesel release with limited vertical extent. A reported release beneath a UST overspill bucket was also determined to be minor. Less than 100 pounds (<20 gallons) of diesel fuel is estimated to be present in soil. The site meets the criteria for closure in the LTCP and was closed on 5 March 2012.

### **Madera County**

- **Chevron #92453, 40159 Highway 41, Oakhurst**  
Five USTs were removed in 1996 and gasoline was detected in soil. Excavation activities removed the majority of the accessible impacted soil; however, some high concentrations remained under Highway 41. Groundwater monitoring indicated the plume was stable and the site was closed in 1997. As part of the investigation of a release at 40135 Highway 41, southwest of the Chevron Site, MTBE was detected in two domestic water supply wells within 400 feet of the Chevron Site. A letter requesting additional investigation at the Chevron Site was issued. Dual phase extraction was performed and removed about 250 pounds (~40 gallons) of gasoline. Ozone sparging of the groundwater was also performed. During the last groundwater monitoring event in 2012, all constituents were below MCLs and no MTBE was detected. The site was closed on 26 February 2013.

#### **b) REDDING OFFICE**

None

#### **c) SACRAMENTO OFFICE**

### **Colusa County**

- **Caldwell's Mini-Mart, 142 Old Hwy 99, Maxwell**  
This Site is currently an active gas station. In October 1992 three USTs were removed from service, two were closed in place due to their location beneath the existing building. During UST removal it was apparent an unauthorized release of fuels had occurred and soil and groundwater were impacted. Between 2000 and present a number of investigative events, groundwater monitoring events, feasibility testing and soil vapor sampling were conducted. A Dual Phase Extraction pilot test reduced contaminant mass. It is estimated that 530 pounds (~85 gallons) of gasoline remain in groundwater and will continue to degrade over time. Water Quality Objectives are estimated to be met within 20 years. All wells have been properly abandoned and a public comment period has been completed with no comments. The Site was closed on 8 April 2013.

### **Placer County**

- **Nella Service Station #5, 13461 Bowman Road, Auburn**  
In January 1987, an unauthorized release of petroleum was discovered during the installation of a leak detection system. The Site's UST system consisting of three 8,000 gallon USTs and one 12,000 gallon UST, along with all associated piping and each dispenser were subsequently replaced. Active remediation and natural attenuation have removed over 5,000 pounds (800 gallons) of petroleum from the subsurface, and less than a pound is estimated to remain in groundwater. The residual plume is adequately defined, and the remaining constituents are expected to attenuate below water quality objectives within 20 years. The results of a risk assessment indicate that the residual constituents in shallow soil and soil gas are unlikely to pose a threat to onsite commercial or future offsite residential receptors, and the closest supply well to the Site is located about 2,000 feet away. The site was closed on 15 April 2013.

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

### **Sacramento County**

- Former Arco Station #706, 2900 Watt Avenue, Sacramento
- Former Five Star Petroleum, 14170 River Road, Walnut Grove

### **San Joaquin County**

- Former Mobil Oil Corporation #10-NPA, 2375 Tracy Boulevard, Tracy
- T&T Trucking, 11396 North Hwy 99, Lodi
- Ultramar-Beacon #3641, 1210 East Hammer Lane, Stockton

### **Tulare County**

- BJ's Express Mart, 355 West Hermosa Street, Lindsay

## 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 2012-2013 performance targets.

### Water Board's 2012 Resource Alignment Report

Region 5 Performance Measurement Summary -- 1 July 2012 to 29 April 2013						
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
<b>NPDES Wastewater</b>						
Major Individual Permits Issued, Revised and Renewed	9	3	33%	7	n/a	Three major permits have been adopted, and three are planned for the May meeting (Redding, Red Bluff, RMK Mine) Two permits were delayed because additional research was needed on beneficial use issues critical to prescribing effluent limits. Jackson wastewater treatment plant has unusually stringent disinfection limits due to the presence of drinking water intakes downstream of the discharge. The drinking water intakes are being relocated, so we are consulting further with Department of Public Health on disinfection standards. The applicability of the municipal use to the City of Davis is being researched, which impacts several effluent limits.
Major Individual Permits Inspections	54	38	70%	n/a	42	The anticipated target for the fiscal year will be met.
Minor Individual Permits Issued, Revised and Renewed	14	8	57%	n/a	n/a	Four additional permits are schedule for May, achieving 86% of the target. During the fiscal year three general permits have been renewed, and several permits have been rescinded (which do not count towards the target, but does reduce the permit backlog).
Minor Individual Inspections	30	29	97%	n/a	32	
Minor General Enrollees Inspections	0	2	200%	n/a	2	
<b>Waste Discharge to Land – Wastewater</b>						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	34	29	85%	n/a	n/a	
Municipal Waste Facilities Inspections	92	102	111%	n/a	115	
Industrial Waste Facilities Inspections	50	36	72%	n/a	36	The anticipated target for the fiscal year will be met.
All Other Facilities Inspections	4	2	50%	n/a	2	The anticipated target for the fiscal year will be met.
<b>Land Disposal</b>						
Landfills Permits Issued, Revised and Renewed	10	6	60%	n/a	n/a	The anticipated target for the fiscal year will be met.
Landfills Inspections	60	54	90%	n/a	80	
All Other Permits Issued, Revised and Renewed	7	0	0%	n/a	n/a	The anticipated target for the fiscal year will be met.
All Other Inspections	50	38	76%	n/a	44	The anticipated target for the fiscal year will be met.
<b>NPDES Storm Water</b>						
Stormwater Construction Inspections	450	286	64%	315	379	The anticipated target will not be met due to staff being redirected to enforcement activities.
Stormwater Industrial Inspections	202	163	81%	190	183	The anticipated target for the fiscal year will be met.
Stormwater Municipal Inspections	1	5	500%	n/a	6	
<b>Other Programs</b>						
Timber Harvest Inspections	101	123	122%	n/a	123	
Confined Animal Facility Inspections (Dairies)	450	443	98%	n/a	477	
<b>Clean Up</b>						
New DoD Sites Into Active Remediation	22	14	64%	n/a	n/a	The anticipated target for the fiscal year will be met.
New SCP Sites Into Active Remediation	28	42	150%	n/a	n/a	
Cleanup Program Sites Projected Closed	79	43	54%	n/a	n/a	The anticipated target for the fiscal year will be met.
New UST Sites Into Active Remediation	44	59	134%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	120	83	69%	n/a	n/a	Destruction of monitoring wells are required prior to closure. Currently over 40 monitoring wells sites are awaiting destruction. It is unknown whether the responsible parties will complete this work by 30 June 2013.
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all re-inspections.						

## COMPLIANCE AND ENFORCEMENT

### 1. Dairy Compliance

Approximately ten dairies were issued pre-settlement filing letters for failure to either submit a 2011 annual report or comply with a 13267 Order. Most of the owners or operators of these dairies responded to the pre-filing letters and are in various stages of settlement. To settle the violation, the dairy owner/operator must agree to come into compliance with the General Order and pay a negotiated monetary penalty. Tentative settlement agreements are posted on the Central Valley Water Board's internet site for a 30-day public comment period before becoming final. Administrative Civil Liability orders were issued to two dairies that had not responded to the pre-filing letter. One of the dairies subsequently settled and the other is on the agenda for the 30/31 May meeting.

### 2. \$63,000 in Mandatory Minimum Penalty ACL Complaints Issued

On 26 April 2013, the Executive Officer issued 7 Administrative Civil Liability Complaints which assess mandatory minimum penalties for effluent limit violations and reporting violations. The Dischargers may either pay the penalty within 30 days, request to enter into settlement discussions, or request a hearing before the Board. The following Administrative Civil Liability Complaints were issued: (NM)

- a. The City of Colusa was assessed \$3,000 for violations of the copper effluent which occurred between January 2010 and December 2012 at its Wastewater Treatment Plant.
- b. The Olivehurst Public Utility District was assessed \$6,000 for five violations of the coliform effluent limit, one violation of the nitrate limit, and one violation of the organochlorine pesticides limit which occurred between January 2010 and December 2012 at its Wastewater Treatment Facility.
- c. The River Highlands Community Services District and Yuba County were assessed \$15,000 for eight violations of the turbidity, coliform, ammonia, and settleable solids effluent limits at its Hammonton Gold Village Wastewater Treatment Plant.
- d. The TNC Holding Company LLC and Ralph F. Nix 1995 Recoverable Trust were assessed \$3,000 for two violations of the iron and nitrate effluent limits which occurred between July 2010 and December 2012 at its TNC Holding Company Sturgeon Farm.
- e. Yuba City was assessed \$6,000 for two violations of the settleable solids and diazinon effluent limits which took place between March 2011 and December 2012 from its Wastewater Treatment Plant.
- f. The Town of Discovery Bay was assessed a penalty of \$27,000 for 12 violations of the coliform effluent limit and two violations of the electrical conductivity limit which took place between March 2011 and February 2013 from its Wastewater Treatment Plant.
- g. The Ironhouse Sanitary District was assessed \$3,000 for the failure to submit one monitoring report in a timely manner. The violation took place between June 2008 and November 2012 from its Wastewater Treatment Plant.

## Enforcement Update

The Central Valley Water Board continued to have a productive enforcement period, since the last report, enforcement staff in our core regulatory programs issued a number of informal actions for minor violations, such as 17 Notices of Violations, and 7 staff enforcement letters following the Water Boards' progressive enforcement approach. Staff also issued three verbal warnings between 1 March and 30 April 2013.

In addition, staff took formal enforcement against core regulatory permittees who had major violations of their permits. Staff issued monetary penalty actions, such as, Administrative Civil Liability (ACL) Orders or complaints for a total of \$445,599 in liabilities.

### California Integrated Water Quality System Project (CIWQS)

#### ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

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

[\[VIEW PRINTER FRIENDLY VERSION\]](#) [\[EXPORT THIS REPORT TO EXCEL\]](#)

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

Status (Active) Occurred on or after 03/16/2013 Occurred on or before 05/03/2013

RB OFFICE	13267	1st_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	VER	TOTAL*
1	0	0	0	0	0	0	0	5	0	0	0	5
2	0	0	2	0	0	5	0	0	0	0	0	7
3	0	0	0	0	0	1	0	4	0	0	0	5
4	0	0	0	0	0	7	1	10	2	1	1	23
5F	0	0	1	0	0	0	0	16	0	7	2	26
5R	0	0	1	0	0	0	0	0	0	0	0	1
5S	0	0	9	0	2	0	0	1	0	0	1	13
6T	0	0	0	0	0	0	0	0	0	0	0	0
6V	0	0	0	0	0	0	0	1	0	2	3	6
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	2	0	0	3	1	6
9	1	1	0	1	0	0	0	4	0	2	3	12
<b>STATEWIDE*</b>	<b>1</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>3</b>	<b>41</b>	<b>2</b>	<b>15</b>	<b>11</b>	<b>103</b>

#### ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter

CAO = Clean-up and Abatement Order

NNC = Notice of Stormwater Noncomp

SEL = Staff Enforcement Letter

1st\_NNC = 1st Annual Report Notice of Non-Compliance

CDO = Cease and Desist Order

NOV = Notice of Violation

VER = Oral Communication

ACL = Admin Civil Liability

EPL = Expedited Payment Letter

NTC = Notice to Comply

VER = Verbal Communication

\* Columns or Rows count distinct instances of Enforcement Actions.

Overall, when looking from a statewide perspective, our Regional board issued approximately 39% of the total count of statewide enforcement actions in the core regulatory programs during this period.

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

### **1. Public Water Quality Notice released to El Margarita neighborhood in Yuba City.**

The presence of perchlorate concentrations above the maximum contaminant level in a local supply well and several private domestic wells necessitated the development of alternate water supplies. The City of Yuba City, the California Department of Public Health and the El Margarita community have obtained a Proposition 84 grant to provide Feather River water to this neighborhood. However, some properties in this neighborhood have declined to connect to this clean source of water, even though most of the connection fees and installation costs are waived. The Central Valley Water Board released a fact sheet encouraging property owners to take advantage of the low cost clean water connection, and offering to sample private wells for the pollutant 1, 2, 3-trichloropropane, which has also been detected in shallow groundwater nearby.

### **2. Sonora Gasoline Spill**

On 20 February a gasoline tanker truck owned by Williams Tank Lines was involved in an accident on Highway 108 and released approximately 1,800 gallons of gasoline to soil in Caltrans right-of-way in Tuolumne County. The incident resulted in the immediate shutdown of the highway. Since Highway 108 is considered to be a major state route and groundwater was potentially affected, Caltrans and Tuolumne County Environmental Health Department (TCEHD) asked for our assistance to expedite the assessment and remediation of the impacted soils and threatened groundwater. As a result of the spill, approximately 3,000 cubic yards of impacted soil and asphalt were excavated and removed from the Site during emergency removal actions. Due to effective inter-agency cooperation, an expeditious soil removal action plan was implemented and Highway 108 was able to re-open for traffic on 4 March, less than two weeks after the accident. Confirmation soil analyses, confirmed that no further action was necessary at the Site.

To reduce the carbon footprint from hauling the excavated soil to a landfill that would accept it such as Forward Inc. in Manteca, the soil was transported to a rock quarry within 5 miles of the Site for land-farming and open aeration. This action was performed with the approval and over-sight of the Tuolumne County Air Pollution Control District and the TCEHD. Regional Board staff oversaw the soil removal actions in cooperation with the CHP, Caltrans, and the TCEHD. We are continuing to work cooperatively with the responsible party and the TCEHD to assist in the over-sight of the final remediation and ultimate re-use of the excavated soil at the rock quarry.

### **NOTE:**

See Attachment A, "Sanitary Sewer Spill Report" for a listing of all reported sanitary sewer spills for each office.

## DELTA ACTIVITIES

### 1. Delta Regional Monitoring Program

The Delta RMP Steering Committee has continued to meet monthly to develop the program. The Steering Committee is refining a set of guiding principles which incorporates the mission statement and management questions, and includes goals and objectives, methods of operation, and a strategy for the Delta RMP to operate within. The Steering Committee continues to discuss the specific monitoring priorities for the program's initial focus. Aquatic Science Center staff, in coordination with relevant experts, will be developing white papers to provide a common knowledge set on which Steering Committee members can select target constituents. Regional Board staff presented an update on the status of the Delta RMP to the State Water Board on 7 May. The next steering committee meeting is scheduled for 4 June. The Steering Committee will select two co-chairs to develop and run the Technical Advisory Committee and establish the first tasks for the technical team, who will develop a scientifically, robust monitoring framework based on the monitoring priorities.

### 2. Delta Plan

The Delta Stewardship Council will vote on final approval and adoption of the Delta Plan, the Programmatic EIR, and the Rulemaking Package at their next meeting on 16-17 May. The meeting will be held at the Ramada Inn and Suites, 1250 Halyard Drive, West Sacramento, CA. Once adopted, the Council will submit the package of proposed regulations and a Statement of Reason to the State Office of Administrative Law (OAL). Once OAL approves those documents, they will be submitted to the CA Secretary of State. Upon approval from that office, the proposed policies in the Delta Plan will become enforceable regulations. That action is expected to occur sometime between 1 July and 1 October 2013.

### 3. Bay-Delta Conservation Plan

The BDCP describes actions proposed by water supply agencies to increase water supply reliability and improve environmental conditions in the Delta. The BDCP is a Habitat Conservation Plan (HCP) and a Natural Community Conservation Plan (NCCP) to comply with the federal Endangered Species Act and the California Natural Community Conservation Planning Act. The 20,000 page Administrative Draft EIR/EIS was released on 10 May for early public review. Federal, state and local agencies are reviewing the document in preparation for a 1 October 2013 release of a public review draft EIR/EIS, which will open a formal public comment period. Once a revised public review draft is release, the public will be invited to submit formal comments. Workshops, hearings and in-Delta office hours will be conducted for the public to gain access to the EIR/EIS, ask questions and provide comments. An overview of the draft EIR/EIS is provided at [http://baydeltaconservationplan.com/Libraries/Dynamic\\_Document\\_Library/EIR-EIS-Overview\\_Fact\\_Sheet\\_May2013.sflb.ashx](http://baydeltaconservationplan.com/Libraries/Dynamic_Document_Library/EIR-EIS-Overview_Fact_Sheet_May2013.sflb.ashx)

### 4. Delta Mercury Exposure Reduction Program

In April, staff met with the Delta mercury exposure reduction program (MERP) Workgroup. The California Department of Public Health provided an update on their Community Needs Assessment and has contacted several Delta community groups, including Lao and Cambodian community groups, the Southeast Asian Assistance Center, California Valley Miwok, and the California Striped Bass Association. These groups represent people who have some of the highest consumption rates of fish from the Delta and are very interested in MERP outcomes.

The MERP Workgroup then discussed funding levels needed for the program, development of a work plan to describe implementation activities, and in-kind contributions to support work plan activities. The November 2012 MERP Strategy report provided an example of the program with estimated costs. Staff has revised the cost table to coincide with potential annual work plan activities and will use this as the basis for the developing the work plan. The Strategy had a 1 May 2013 deadline for dischargers to provide funding and in-kind support letters to the Board. The deadline has since been extended to 31 July to allow time for staff to draft a work plan describing actual exposure reduction activities and circulate it for review before dischargers are expected to respond with commitments of support. Staff is working with Department of Public Health and other MERP workgroup participants to draft the MERP activity work plan.

## **5. Delta Methylmercury Control Studies**

Though some methods to control methylmercury are known, more information is needed regarding additional methods and their applicability to the Delta's wide range of methylmercury source types. During Phase 1, point and nonpoint source entities responsible for reducing methylmercury discharges must conduct studies to develop and evaluate methylmercury control measures. An independent, scientific and technical advisory committee (TAC) is advising the Central Valley Water Board staff during the Phase 1 studies, including providing comment on control study work plans. Financial support for the TAC is provided through the California Department of Fish and Wildlife's Ecosystem Restoration Program.

The Basin Plan gives responsible entities the option of conducting methylmercury control studies individually or in a group effort. Three entities submitted individual study work plans by the due date in July 2012 and have received their TAC reviews. Group study work plans, which were allowed more time, were received by Board staff by 20 April 2013. The ten group study work plans that were submitted address aspects of methylmercury control from the following source types: municipal wastewater treatment, urban stormwater, managed wetlands, tidal wetlands, open water channels, and irrigated agriculture. The TAC is in the process of reviewing the group work plans and will provide written comments to staff by mid-summer.

## GROUNDWATER QUALITY PROTECTION STRATEGY

**Groundwater Quality Protection Strategy for the Central Valley Regional, a Roadmap – Workplan June 2011-June 2013 (Update).** The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap (Roadmap) was developed through active stakeholder outreach and approved by the Central Valley Water Board (September 2010 Resolution R5-2010-0095.) The workplan for implementation of high priority actions was approved at the Board's regular June 2011 meeting. The following is a brief status report on the implementation of tasks for each of the actions identified in the Workplan. A report to the Board on the status of this workplan and presentation of a workplan for the next two years is planned for the October 2013 board meeting.

**Action 6.4. Develop a Salt and Nitrate Management Plan for the Central Valley.** The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012, that identifies submittal of a draft plan in May 2014 and a final plan in May 2016. Over the last six months CV-SALTS has provided an update to the Central Valley Water Board (June 2012) and an Annual Report to the State Water Board (4 December 2012). More details on CV-SALTS activities can be found in the Salinity and CV-SALTS section of this EO report. Information is also available at: <http://cvsalinity.org/>

**Action 6.4.2 Implement consistent and scientifically sound groundwater quality monitoring program.** The Groundwater Monitoring Advisory Workgroup (GMAW) is composed of groundwater experts, which includes representatives from State and Regional Water Boards, USGS, academia, and private consultants. The GMAW has identified several technical issues related to groundwater monitoring. The workplan set a schedule for the development of white papers for each of the technical issues, including establishing and applying site-specific background concentrations, Conceptual Model, GW Monitoring Well Network Design, Additional GW Monitoring Techniques, Methods, and Tools. Following executive management approval the white papers will be provided to staff as a reference tool for developing permits to be used as appropriate on a case by case basis. To date the GMAW has developed the draft white paper, titled Establishing and Applying Site –Specific Background Concentrations. GMAW meeting information can be found at: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/groundwater\\_quality/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml)

**Action 6.4.4 Broaden Public Participation through Enhanced Communication, Education, and Outreach.** The goal is to ensure all interested parties have an opportunity to participate in the Central Valley Water Board decision making processes as it relates to groundwater. Meeting facilitation training was provided to 26 staff in February 2012. The contracting fund tasks such as remote board meeting capabilities and website upgrades were dependent on State Board contract funds due to the State's current financial situation no funding will be available for these tasks. Staff continues to work with State Board to identify potential funding sources. Efforts to increase participation with Board business by holding Board hearing panels, remote workshops, and remote board meetings has continued with several held in Kettleman City, Fresno, Tulare, Buttonwillow, and Bakersfield.

**Action 6.4.6 Develop a Groundwater Quality Database that facilitates the compilation and assessment of data and allows for integration with information from our different Programs.** To avoid duplication and leverage work that has already been started, a staff workgroup was formed to identify data management needs, and has reviewed the capabilities of the various statewide databases, and other Regional Board data management efforts. The workgroup is focusing on the needs assessment and coordinating efforts with the State Water Board's Office of Information Management and Analysis (OIMA) and the Groundwater Management Advisory Workgroup.

**Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program.** The goal identified in the roadmap was to implement an irrigated lands program that establishes a groundwater protection program for wastes associated with agricultural practices. The Central Valley Water Board is in the process of developing and adopting General Waste Discharge Requirements for discharges of wastewater from irrigated lands in the Central Valley. Development of seven Orders that allow growers to be represented by third-party groups are planned, with six Orders covering specific watershed areas, one Order covering a specific commodity (rice), and one Order for those growers that are not part of a third-party group. More detail on Long-Term ILRP developing orders can be found under the Irrigated Lands Regulatory Program section of this EO Report. More information on the Long-Term ILRP can be found at: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/irrigated\\_lands/long\\_term\\_program\\_development/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml)

Action 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. Work over the last year has included participation by Staff in the development of the State Water Board Policy as part of a Policy Writing Team. On 19 June 2012, the State Water Board adopted a Policy for regulation of Onsite Wastewater Treatment Systems (OWTS Policy). The OWTS Policy will require each Regional Board to update its Basin Plan to be in compliance with the OWTS Policy or adopt policy/guidelines that are as restrictive as the State Water Board policy; and to review and approve all of the local area management plans concerning OWTS in its respective Region. This work will be included in the next Groundwater Water Quality Protection Strategy Workplan 2013-2015. The State Water Board OWTS Policy is effective 13 May 2013 and can be found at: [http://www.waterboards.ca.gov/water\\_issues/programs/owts/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml)

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Several tools are being developed to improve WDR process including a checklist for dischargers on the information needs for antidegradation analysis which helps to reduce the amount of additional information requests. For staff, standard templates similar in formatting to NPDES permits are being developed for use on a case by case basis to provide WDR consistency.

The State Water Board has a WDR unit to assist Regional Boards in reducing WDR backlogs. This unit has been working on the development of a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd. If this General Order is adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. The draft General Order is currently in management review prior to presentation for adoption by the State Water Board later this year.

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap and the Workplan can be found at: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/groundwater\\_quality/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml) Development of a second phase workplan has begun. This workplan will include the medium priority actions as well as any work that has not been completed by the end of the current workplan in June 2013.

## SALINITY AND CV SALTS

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

Technical work on the Initial Conceptual Model (source, fate and transport of salt and nitrate) is expected to be completed by July 2013. Water quality information for 23 initial analyzes zones has been gathered and is currently being evaluated both spatially and temporally. The project will be conducting evaluations on a finer scale (one square mile) within two distinct areas: from the eastside dams thru Modesto to the San Joaquin River; and for the lower Kings River watershed in the Tulare Lake Basin. Several other technical projects are also under way. The GIS Framework effort has completed layers identifying designated uses and water quality objectives for Central Valley water bodies. The work is being done in coordination with a similar State Water Board mapping effort and is providing refined data for that project. Linked to the GIS mapping is the first phase of the AGR Zone Mapping project which is identifying broad areas with similar agricultural practices. Information gathered will be utilized to provide interpretation of protective salinity water quality concentrations to protect agricultural supply. The Strategic Salt Accumulation Land and Transportation Study (SSALTS) which will evaluate viable salt disposal alternatives is characterizing salt accumulation in ten study areas and will be evaluating sustainability of current practices within those areas. A technical report characterizing geohydrology and ground water quality within a portion of the Tulare Lake Bed floor as part of the evaluation of appropriate application of MUN to area ground water is currently under review. A brief summary of all CV-SALTS technical projects has been posted on the updated CV-SALTS website at:

<http://cvsalinity.org/index.php/component/finder/search.html?q=project+description&Itemid=288>

The Executive Committee policy discussions in March focused on defining groundwater basins (management zone) boundaries and policy decisions related to utilizing limited data to characterize spatial and temporal nitrate and salinity concentrations. The April meeting reviewed ground water quality data compiled from phase 1 of the Initial Conceptual Model with summary presentations of available information for the Initial Analysis Zones and Prototype Areas. Follow up discussion focused on data complexity and uncertainty with future meetings to address development of methodology to conduct antidegradation analyses.

The Lower San Joaquin River (LSJR) Committee has hired a long-term Committee Manager and a Technical Consulting Team to support its effort to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. The Department of Water Resources and US Bureau of Reclamation (USBR) have been engaged in discussions regarding potential elements of project implementation. Updates by USBR staff on the development of a Real-Time Management Program (RTMP) alternative that utilizes the assimilative capacity of the LSJR to transport salt out of the basin while meeting water quality objectives is a standing agenda item. During the upcoming May Committee meeting, USBR will seek feedback from stakeholders on its' latest draft of the framework document that will outline the phases of RTMP implementation.

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

On 18 March, Jeanne Chilcott and Jim Brownell participated in a Lower San Joaquin River Committee technical meeting. The focus of the meeting was to evaluate status of workplan tasks, discuss current salt loading in the river with respect to upcoming TMDL requirements, and to introduce the initial draft framework of a potential Real Time Management Program for salinity.

On 27 March, Clay Rodgers, Jeanne Chilcott, and Pam Buford attended the Technical Advisory Committee meeting. The meeting included presentations of technical work products for the Tulare Lakebed MUN evaluation and 10 of 13 Salt Accumulation Study Areas.

On 28 March, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, and Pam Buford attended a CV-SALTS Executive Committee Policy meeting which focused on review of defining groundwater basins (management zone) boundaries and characterizing average nitrate and salinity concentrations. Discussion included CV-SALTS approach and timeline for technical work, CEQA, and basin plan amendments.

On 5 April, Jeanne Chilcott and Pam Buford participated in CV-SALTS Executive Committee Administrative meeting. Focus of the meeting was on existing project updates, funding and procurement.

On 9 April, Jeanne Chilcott, and Rob Busby attended a Project Committee meeting to review status of the Initial Conceptual Model work on the high-level analysis of Central Valley Floor and analysis of 2 sub-areas to test model. Continuing work on the GIS Framework and status of the AGR Zone study were also reviewed.

On 17 April, Jeanne Chilcott attended the Technical Advisory Committee meeting to review findings from three areas being reviewed under SSALTS as well as receive project updates from remaining technical efforts.

On 18 April, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, and Pam Buford attended a CV-SALTS Executive Committee Policy meeting which included presentation of the Initial Conceptual Model work including ground water data from the Initial Analysis Zones and Prototype Areas. Discussion focused on the data complexity and availability and how these limitations will impact policy decisions.

On 19 April, Jeanne Chilcott participated in a coordination meeting with the Center for Collaborative Policy and Department of Water Resources to discuss opportunities for linking efforts between the California Water Plan, Integrated Regional Water Management Program, and CV-SALTS with mandates from the State's Recycled Water Policy.

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

Staff met on April 22nd with representatives of USBR to discuss the status of work related to the MAA that addresses mitigation of salt imports to the San Joaquin River basin by maximizing salt exports from the Basin while protecting beneficial uses. Topics included continued USBR staff development of a Real-Time Management Program (RTMP) framework and potential adaptation of the Watershed Analysis Risk Management Framework (WARMF) model for RTMP implementation. USBR staff will be seeking feedback from the LSJR Committee stakeholders on a process for phasing in full salinity management throughout the basin and anticipates bringing a RTMP framework document to the Board for review and approval in 2013. As specified in our Basin Plan, the alternative to managing salt through a Board approved RTMP, would be regulating load allocations through WDR's beginning in July 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 receiving waters is continuing close to schedule with the completion of both a full year of water quality monitoring at the sites being evaluated as well as a stakeholder meeting occurring in March 2013. At the meeting, stakeholders confirmed an approach to categorizing agricultural water bodies that is heavily based on the approach approved by the Central Valley Water Board in 1992. The group also developed alternatives to link potential refined MUN beneficial uses and protective narrative and numeric water quality objectives to the different water body categories (such as constructed agricultural supply channels and agriculturally dominated natural water bodies). The next stakeholder meeting is scheduled for 28 May 2013 and will continue discussions on appropriate water quality objectives as well as potential implementation measures. With the first year of water quality monitoring complete, focused monitoring will continue through September 2013.

MUN Meeting Participation

On 26 March, Anne Littlejohn, Betty Yee, Calvin Yang, Gene Davis, Greg Cash, and Jeanne Chilcott participated in a stakeholder meeting in Rancho Cordova.

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)

## DAIRIES

1. **Compliance Inspections.** Dairy compliance staff is on track to eliminate the backlog of dairies that were not inspected since the Dairy General Order was adopted in 2007. Through April 2013, staff had conducted approximately 420 inspections. The inspections reveal that most dairies are in substantial compliance with the General Order. Some issues have been found such as imprecise record keeping, excessive weed growth or internal erosion in ponds, and inadequate corral maintenance. Staff is working with dairy operators to correct those deficiencies. A small number of dairies were found to be disposing of mortalities on site and staff is pursuing enforcement of those cases. It is anticipated that the inspection backlog will be eliminated by the end of the fiscal year. After that, dairies will be inspected on a regular three-year rotating schedule (i.e., approximately 430 inspection per year).
2. **Representative Groundwater Monitoring.** Phase 2 wells have been installed and monitoring has commenced. The first annual report, for calendar year 2012, required by the revised Monitoring and Reporting Program by 1 April 2013, was received on time and included analytical results of Phase I groundwater monitoring. Specifically, the report provides water level and chemical information of first encountered groundwater (i.e., groundwater directly beneath dairy facilities) collected during 2012 for purposes of assessing the effectiveness of dairy management practices.

The Dairy Representative Monitoring Program is conducting an evaluation to document that the wells for Phases I and II are representative of the range of environmental and hydrogeological conditions throughout the Region, and representative of the range of dairy management practices being utilized throughout the Region. A technical report of the results of that analysis is due by 15 May 2013.

On 5 March 2013, staff held a meeting in Rancho Cordova to inform stakeholders of progress by the Central Valley Dairy Representative Monitoring Program. The next stakeholder meeting will be scheduled for this fall in Fresno.

## **IRRIGATED LANDS REGULATORY PROGRAM (ILRP)**

### **Long-Term Irrigated Lands Regulatory Program**

On 27 March, the ILRP Stakeholder Advisory Workgroup met in Merced. At this meeting staff provided an update on development of the tentative WDRs for individual growers, and tentative WDRs for the Tulare Lake Basin. Representatives from the agricultural and environmental justice communities attended the meeting.

On 16 April, Joe Karkoski met with representatives from the International Plant Nutrition Institute to discuss the ILRP and the role the Institute might play in research and outreach to growers.

On 17 April, the ILRP Stakeholder Advisory Workgroup met in Merced. The focus of the meeting was on the templates submitted to the board by the East San Joaquin Water Quality Coalition and other agricultural groups. The East San Joaquin Water Quality Coalition also described their outline and approach for the Groundwater Quality Assessment Report. Representatives from the agricultural and environmental justice communities attended the meeting.

On 24 April, Joe Karkoski attended a meeting of the Nitrogen Management Ad Hoc Committee convened by the California Department of Food and Agriculture (CDFA) and the University of California Agriculture and Natural Resources (UC ANR). The discussion included an update of CDFA's efforts to create a web site with plant nutrition information. UC ANR provided an update on their work with CDFA and California Certified Crop Advisors (CCAs) in developing a nitrogen management certification program for CCAs.

On 29 April, Joe Karkoski and Adam Laputz met with private, state, and federal wetland managers to discuss the long-term ILRP. The wetland managers wanted to discuss the goals of the program, how their current water quality investigations could be used to meet those goals, and the options available to managed wetlands under the ILRP.

### **General Waste Discharge Requirements (WDRs) Development**

#### **Individual Growers WDRs**

Staff circulated the tentative WDRs for individual growers (those not part of a third-party group) for a thirty day comment period, which ended 22 April 2013. Eight comment letters were received by the due date. The hearing originally scheduled for the May 2013 board meeting has been cancelled. A new hearing will be scheduled pending resolution of the litigation in Sacramento County Superior Court.

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

The board held a workshop in Fresno on April 25<sup>th</sup> to discuss the tentative Tulare Lake Basin WDRs. The hearing originally scheduled for June 2013 has been cancelled. A new hearing will be scheduled pending resolution of the litigation in Sacramento County Superior Court.

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

On 24 April, Joe Karkoski, Susan Fregien, Ben Letton and Mark Cady met with representatives of the Sacramento Valley Water Quality Coalition (SVWQC) to discuss the development of the Sacramento River Watershed WDRs. The meeting covered the basic elements of the WDR and highlighted areas of agreement and a few concerns that the coalition and board staff agreed to continue to work on.

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

On 18 March, Water Board staff met with representatives of the California Rice Commission (CRC) to discuss the CRC comments and recommended changes to the WDR and surface water monitoring proposed by staff.

On 10 April, Clay Rodgers, Alan Cregan, and Margaret Wong met with the CRC for a technical discussion on the CRC's submitted Groundwater Assessment Report (GAR). Major items discussed were based on a comparison of the requirements in the ESJ WDR and MRP to the submitted GAR.

On 2 May, Clay Rodgers, Joe Karkoski, Susan Fregien, and Alan Cregan met with the CRC to continue discussion of the revised WDR, surface water monitoring requirements, and next steps for the GAR.

### **Delta WDRs**

On 3 April, staff met with the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) to discuss the language in the Draft WDR Order. The Coalition provided WDR concepts regarding low threat and deliverable time lines, including revised language to be considered. The meeting participants developed a task list to address the comments, which are to be discussed at the next meeting scheduled for May.

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

On 27 March, Joe Karkoski, Brett Stevens and Jelena Hartman met with representatives of the Westside Coalition to discuss proposed changes in the Waste Discharge Requirements for the growers within the Western San Joaquin River Watershed. The next meeting will be held in May.

### **Westlands WDRs**

On 18 April, staff met with Westlands Stormwater Coalition to discuss development of the Draft Waste Discharge Requirements for the Long Term Irrigated Lands Regulatory Program.

### **Litigation and Petition**

The Sacramento County Superior Court hearing on the Program Environmental Impact Report and the short-term renewal of the conditional waiver took place on 29 March 2013 (Case No. 34-2012-80001186-CU-WM-GDS). The Court has issued a tentative ruling and asked for a supplemental written briefing. The documents associated with the case can be found at:

<https://services.saccourt.ca.gov/publicdms/Search.aspx> (enter the case number).

Three separate petitions were filed with the State Water Resources Control Board regarding the board's adoption of the "Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed that are Members of the Third-Party Group" (Resolution No. R5-2012-0116). Those petitions are identified as A-2239(a); A-2239(b); A-2239(c) and can be found at:

[http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality/petitions.shtml](http://www.waterboards.ca.gov/public_notices/petitions/water_quality/petitions.shtml)

### **Compliance & Outreach – Final Notice to East San Joaquin Watershed Growers**

In January, ILRP staff used Department of Conservation Farmland Mapping and Monitoring Program (FMMP) data, county tax assessor's parcel information, East San Joaquin Water Quality Coalition Member lists, and lists of parcels under the Dairy General Order to identify landowners with parcels that likely require coverage under the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed (General Order). The FMMP maps identify where farmland is located; the county tax assessor information identifies parcel number and landowner; and the Coalition Member lists and Dairy parcel information indicate which parcels already have necessary regulatory coverage. All of these information sources can have errors or can be out of date, which means the initial identification of the number of parcels, landowners, and acres of land requiring regulatory coverage will be in error to a degree. In January and February, a total of 4,937 landowners with a total of 284,013 acres of land were mailed an outreach letter informing them of new ILRP requirements under the General Order, and how they could join the East San Joaquin Water Quality Coalition or get more information.

As a follow up to the above mail out, ILRP staff sent a final notice to those landowners who had received, but not responded to, the earlier letter. A total of 2,370 letters were sent to these landowners on April 18th. The letter urged the recipients to join the East San Joaquin Water Quality Coalition, if applicable, by 13 May 2013 or potentially face penalties for non-compliance.

### **Compliance & Outreach – East San Joaquin Surveillance Inspections**

In April, ILRP staff began conducting inspections of parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. Staff conducted inspections on five days in April, with a total of 159 parcels inspected. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 Orders to commercial irrigated lands that do not become members of the East San Joaquin Coalition by the 13 May 2013 deadline.

## **Compliance & Outreach – Postcards**

In March, ILRP staff mailed 59 postcards to non-participating landowners in Contra Costa County, which is within the San Joaquin County & Delta and Sacramento Valley Water Quality Coalitions' boundaries.

## **Coalition Groups**

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

On 20 March, representatives of the East San Joaquin Water Quality Coalition met with Joe Karkoski, Dana Kulesza and Jelena Hartman to discuss the draft outline for the Groundwater Quality Assessment Report.

On 1 April, staff received the East San Joaquin Water Quality Coalition Annual Management Plan Update Report (MPUR). Staff is reviewing the MPUR and preparing comments.

On 5 April, Joe Karkoski, Mark Cady and Jelena Hartman met with representatives of grower coalitions and commodity groups to discuss the draft templates for Farm Evaluation, Nitrogen Management Plan and Summary Report, and Sediment and Erosion Control Plan.

On 11 April, the East San Joaquin Water Quality Coalition (Coalition) submitted the outline for the Groundwater Quality Assessment Report (GAR) templates for Farm Evaluation, Nitrogen Management Plan and Summary Report, and Sediment and Erosion Control Plan as required by the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed. The templates and the GAR outline are under staff review.

On 23, 24 and 25 April, staff attended the East San Joaquin Water Quality Coalition (Coalition) New Member Signup Meetings. New member Signup Meetings were hosted by the Madera, Merced and Stanislaus county farm bureaus and the Coalition. Staff presented information and answered questions about the Central Valley Water, regulatory background, and the requirements and options for coverage under the long-term Irrigated Lands Regulatory Program.

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

On 20 March, representatives of the SVWQC met with Susan Fregien, Ben Letton, Scott Perrou and Mark Cady for a quarterly Management Plan meeting. The discussion focused on Coalition progress on Management Plans in Yolo, Solano and Sutter Counties.

On 1 April, the Coalition submitted a request to the Executive Officer to approve the completion of the Management Plan for Malathion on Ulatis Creek. This request is under review by staff.

On 15 April, the Coalition submitted a Management Plan Progress Report for the 2012 water season. This report is under review by water board staff.

On 8 April, the Coalition submitted a final revision of a table for the *Hyalella azteca* toxicity performance goals document for Z-Drain in Solano County. On 26 April, the Coalition submitted an addendum to their performance goals documentation for Diazinon on Gilsizer Slough. Both of these documents are being reviewed by staff.

The Executive Officer determined that the Management Plan for Selenium in Willow Slough has been completed as of 26 March. On 8 April the Executive Officer sent a letter to the Coalition stating that the Management Plan for *Selenastrum* toxicity on Butte Slough was complete.

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

On 1 April, the San Joaquin County and Delta Water Quality Coalition (Coalition) submitted their 2013 Annual Monitoring Report. The AMR is under Staff review and will be posted on the Central Valley Water Board website.

On 15 April, in response to the March 15 management plan approval letter, staff prepared a response to the San Joaquin County and Delta Water Quality Coalition's request to consider the remaining management plans as complete. This is currently being reviewed by management.

### **Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)**

On 9 April 2013, David Sholes and Brent Vanderburgh responded to a complaint regarding potential impacts to a water supply well from discharges from irrigated lands. Staff sampled the well for a general suite of constituents including nitrate and pesticides. Analytical results are pending.

On 15 April, staff issued a Notice of Violation to the Southern San Joaquin Valley Water Quality Coalition for failure to comply with electronic data submittal formatting and quality control requirements. The Notice of Violation instructed the Coalition to correct and re-submit monitoring data collected between July and December 2012, and ensure all future monitoring data is submitted according to the Irrigated Lands Regulatory Program required data submission format.

### **Westside Coalition**

On 21 March, the Westside San Joaquin River Watershed Coalition provided a focus plan implementation schedule through 2016, as part of the required updates to their Management Plan. Staff provided comments for the Coalition to append their Management Plan general approach.

On 2 April, staff participated in a portion of the Westside San Joaquin River Watershed Coalition steering committee meeting.

On 18 April, staff participated in the Westside San Joaquin River Watershed tour hosted by the coordinator of the Middle San Joaquin Watershed East and West Stanislaus RCDs. The tour goals included providing examples of agriculture and the types of conservation practices.

### **Other Projects**

#### **Data Management**

Data from 2009 through 2011 for all Coalitions are available to the public on CEDEN. The most recent transfer occurred 15 February 2013 and added data through late 2012 for some coalitions. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in acceptable condition through 1 March 2013 have been processed and loaded into the California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). This data is planned to be transferred to CEDEN in June.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside Coalition data collected between 2004 and 2008. Once complete, this set will complement the existing data on CEDEN providing all of the data submitted by the Westside Coalition since program inception.

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

Thirty projects have been completed to date. Funding was re-allocated, freeing up additional funds for another round of applications. This last round of funding is concentrated in subwatersheds where previous projects were awarded.

A Quality Assurance Program Plan (QAPP) has been submitted and accepted for the sampling to be performed for the soil erosion model. Field measurements are included to validate the model accuracy. The model is scheduled to be completed in December 2013.

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

## GENERAL

### **Kettleman Hills Facility**

Central Valley Water Board staff is coordinating permitting activities with the California Department of Toxic Substances Control and the U.S. Environmental Protection Agency for renewal of waste discharge requirements for the hazardous waste disposal units at the Chemical Waste Management, Inc. Kettleman Hills Facility. Joint stakeholder meetings are being arranged with the Department of Toxic Substances Control, who is also considering renewal of its permit. Central Valley Water Board staff will actively participate in these joint meetings. If tentative waste discharge requirements are considered by the Board, staff anticipates that residents of Kettleman City would be notified, a special hearing would be held in the community of Kettleman City, selected documents would be available in English and Spanish, and translation services would be provided during the hearing and any other public meetings on this matter.

## GRANTS

1. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Implementation Grants.** IRWM Grant Program administered by the Department of Water Resources (DWR) is designed to encourage integrated regional strategies for management of water resources and to provide funding for programs and projects that support integrated water management planning and implementation. For this solicitation DWR will use a one-step application process to evaluate IRWM Implementation Grant applications. Fourteen applications were submitted for projects in the Sacramento River, San Joaquin River, and Tulare/Kern funding areas. Central Valley Water Board staff is assisting DWR with the technical reviews.

## STAFF RECOGNITION

### SUPERIOR ACCOMPLISHMENT AWARD FOR FY 12/13 Q2

At the April 11/12 Board Meeting, Executive Officer, Pamela Creedon presented Superior accomplishment awards to the following staff, as a group award:

1. Marty Hartzell (Environmental Geologist)
2. Sue McConnell (Senior Engineer in the Sacramento River Watershed Unit)
3. Patrick Pulupa (Staff Counsel)
4. Wendy Wyels (Manager in Enforcement Unit)
5. Angela Wilson (Senior Engineering Geologist in the Redding Office)
6. Drew Coe (Engineering Geologist in the Redding Office)

#### Description:

The Rubicon Trail is a historic jeep trail in the high Sierra Mountains that runs from Loon Lake to Lake Tahoe. Water Board staff, including Marty Hartzell, Sue McConnell, and Wendy Wyels, first received complaints about sediment erosion, petroleum fluid spills, and sanitation issues on the Rubicon Trail in 2008. After inspections documented impacts to water quality, staff spent months crafting a Cleanup and Abatement Order and working with the various stakeholder groups who vigorously opposed regulation of the Trail. After an extremely contentious hearing, the Board adopted the Order and required that El Dorado County and the US Forest Service implement procedures to protect water quality along the Rubicon Trail. Patrick Pulupa worked closely with staff during the development of the Cleanup and Abatement Order and then played a key role in persuading the County attorney and the Forest Service attorneys to implement the requirements of the Order.

Since adoption of the Cleanup and Abatement Order in 2009, staff has continued working with the two agencies and the many stakeholders to ensure compliance with the Order. Staff has attended monthly meetings, conducted inspections in both the winter and summer, responded to complaints and concerns, advocated for grants and other funding mechanisms, and strongly encouraged the agencies to prepare environmental documents

Several major milestones were completed this summer, including the signing of a Final Environmental Impact Statement by the Forest Service, an agreement to monitor the trail when snow is melting to determine if it needs to be closed at certain time periods, the use of helicopters to transport the rock material needed for trail maintenance, and construction of a bridge across Gerle Creek. This work would not have been accomplished without the sustained efforts by staff.

Executive Officer Creedon also presented individual Superior Accomplishment Awards to the following staff:

**Candidate:** George Low  
**Unit:** Groundwater Unit  
**Title:** Engineering Geologist  
**Supervisor:** Bryan Smith

George is receiving the Superior Accomplishment Award for his outstanding work in the Groundwater Unit of the Central Valley Water Board's Redding office.

George came to work for the Central Valley Water Board in October 2011 following 10 years of private consulting experience. In the Groundwater Unit, George is responsible for compliance, permitting, and enforcement of the UST, SCP, and Land Disposal programs. He has completed case reviews and inspections of all his assigned facilities and closed 22 UST/ SCP cases. He has quickly established a reputation of being thorough and consciences, and as a result, often assists fellow staff with special projects.

George was recently assigned to oversee drilling activities associated with a complex enforcement case. In this role, George assisted lead staff with site inspections and represented the Water Board by ensuring consultant soil boring logs were accurate at the time of drilling. Because of this, George was able to cross-

check the consultant's site conceptual model; information that would later provide confidence in estimating the fate and transport of PCBs at the site.

Through all this, George is positive, punctual, consistent, well organized, and thorough in his work. His work ethic, attitude, and dedication are appreciated by all.

**Candidate:** Bethany Soto  
**Unit:** Stormwater Unit  
**Title:** Environmental Scientist  
**Supervisor:** Doug Patteson

Bethany has reinvigorated the Fresno Office's SWAMP program, initiating and sustaining excellent working relationships with local watershed groups (River Tree and the Upper Merced Watershed groups) who now collect samples for the region-wide Safe –to- Swim project. Bethany reciprocates by assisting River Tree with river cleanup on the San Joaquin during weekends. She also participates in the Central Sierra Watershed committee meetings representing Regional Board staff. In early 2012 Bethany successfully wrote a four year monitoring plan for the main river systems in the Tulare Lake Basin, which is now in its second year of implementation. Bethany is currently leading the Tulare Lake Basin Triennial Review process, which includes conducting public meetings, accepting comments, and responding to comments, and has recently begun working with CV SALTS by coordinating CEQA scoping meetings for the evaluation of the applicability of the Municipal beneficial use in the historical Tulare Lake bed.

Bethany has reached out to other agencies, working with both the Department of Fish and Wildlife and the Department of Water Resources to conduct bio-assessment surveys on the San Joaquin River. She also participates with the Department of Fish and Wildlife in vernal pool sampling for rare and endangered species and water quality in western Fresno County. In both these projects, Bethany shared her knowledge of water quality sampling with staff from the other agencies, and learned from them how water quality affects aquatic species.

Bethany's abilities to form good working relationships with other Regional Board staff, other agencies, watershed groups, and the public has increased the effectiveness of the SWAMP program, and informs a positive public awareness of the Regional Board and its mission to protect water quality.

**EMPLOYEE OF THE MONTH  
APRIL 2013**

**Candidate:** Jay Simi  
**Unit:** Planning/NPS Unit  
**Title:** Water Resources Control Engineer  
**Supervisor:** Sue McConnell

Jay was instrumental in the development of the draft Drinking Water Policy, a multi-year, stakeholder-intensive effort to protect source water quality for public water system intakes.

Jay managed the grant which funded the technical studies conducted to support the development of the draft Drinking Water Policy. He coordinated with the modelers and consultants who conducted the source evaluation work. Jay developed the synthesis report for the effort with help from the Drinking Water Policy workgroup and effectively presented the complex project to the Board in April

**Candidate:** Mohammed Farhad  
**Unit:** NPDES Compliance and Enforcement  
**Title:** Water Resources Control Engineer  
**Supervisor:** Nichole Morgan

Mohammad started in the Sacramento office in 2009 as a student in the Compliance and Enforcement section. After graduating from Sac State, Mohammad joined us full time as a Water Resource Control Engineer in the Compliance and Enforcement, NPDES unit in January 2012.

Since joining us full time Mohammad has worked to strengthen and expand his skill sets, enthusiastically taking on challenges and learning the nuances of the NPDES program.

In addition to staying on top of his workload, Mohammad has volunteered to train the section's new seasonal employees about the intricacies CIWQS and his former student tasks.

His enthusiasm and can do attitude are contagious. Mohammad is always positive and is a joy to work with.

**Candidate:** Kari Holmes  
**Unit:** San Joaquin Delta NPDES Permitting Unit  
**Title:** Water Resources Control Engineer  
**Supervisor:** Jim Marshall

Kari is being recognized for her outstanding work performance in the NPDES permitting section. Kari is a fast learner, completes work quickly, and always produces high quality work products. Kari has only been with the Regional Board for about 18 months, but has already proven to be one of the top performers in the Section and is quickly becoming the "go to person" for staff when they have permitting questions.

Kari is always willing to take on work, is generous in offering her time to help others, and has shown the initiative to improve the program. She is currently doing a great job of maintaining the NPDES template for the Region and provided invaluable assistance in the recent recruitment of a new permit writer for the Section.

Kari is an outstanding employee and very deserving of this month's employee recognition award.

**Candidate:** Steven Zhao  
**Unit:** Information Technology  
**Title:** Associate Programmer Analyst (Specialist)  
**Supervisor:** Bob Chow

Steven was instrumental in setting up the first multi-site Board Meeting by extending the videoconferencing system to include Board Member in Fresno.

The IT Unit received a request to provide the ability for one or more of our Board Members to participate in the meeting from a remote location in this case the Fresno Office. Steven was instrumental in researching the technical changes that were needed in order to make this need a reality. He worked closely with the vendors and equipment manufactures to re-configure our existing equipment so that this could happen.

It was critical that the Board Members who participated from the remote location would be able to fully participate in the discussions and have all of the handout materials available in order to vote on the items. Steven was able to work his IT magic along with some close coordination with the Fresno staff to make sure that this was possible. Not only did he make it possible but he did so with minimal disruption to the normal flow of the Board Meeting in the Sacramento Office.

Steven's and the Fresno's staffs efforts were appreciated by the Board Members and the Executive Management team.

His outstanding customer service efforts along with his persistence and innovation (the willingness to look outside the box to find a solution) are the reasons he is receiving this award.

**Candidate:** Kevin Kratze  
**Unit:** North Regulatory Unit (NPDES and Non-15) (Redding Office)  
**Title:** Water Resources Control Engineer  
**Supervisor:** Bryan Smith

Kevin will retire from State service this summer after nearly 18 years with the Water Boards. It is through his extensive experience, both at the Water Boards and in the private sector working in groundwater remediation, that Kevin has distinguished himself as one of Redding's most knowledgeable staff on a variety of regulatory issues.

Kevin is a WRCE in the North Regulatory Unit of the Redding Office where he manages an extensive workload in the NPDES and Non-15 programs. Kevin will retire from State service this summer after nearly 18 years with the Water Boards. His career with the Water Boards extends outside our Region and includes time with the Lahontan Water Board in South Lake Tahoe and the Central Coast Water Board. It is through his extensive experience, both at the Water Boards and in the private sector working in groundwater remediation, that Kevin has distinguished himself as one of Redding's most knowledgeable staff on a variety of regulatory issues. Kevin is also one of Redding's more computer-savvy individuals, and routinely provides computer and technology support to fellow staff. Kevin's big heart, dry humor, and sharp intellect will be missed in Redding. We feel fortunate that Kevin made Redding his home these past 7 years and we wish him the best on his future travels and adventures.

**Candidate:** Douglas Watchtell  
**Unit:** Oil Fields (Fresno Office)  
**Title:** Engineering Geologist  
**Supervisor:** Shelton Gray

During the past month Douglas has drafted three tentative sets of waste discharge requirements for the May agenda. He has also completed five compliance inspections of oilfield facilities, including those that are the subject of the WDRs. In addition to these functions, Douglas assists in the drafting of formal enforcement actions, maintaining and updating CIWQS records, and resolving annual invoice disputes.

Douglas takes a pro-active approach to his assignments in dealing the petroleum industry issues as a compliance inspector and case handler mostly in Kern County. Douglas consistently maintains a professional demeanor when coordinating with dischargers and other stakeholders, and has also demonstrated a sustained effort as a public servant in a fair and consistent manner, particularly during complaint investigations. In addition, Douglas' excellent work habits are an example to other staff. I highly recommend Douglas for employee of the month for his accomplishments.

Douglas' professional demeanor, excellent work habits, and sustained performance are a great contribution to this organization's efforts.

## PUBLIC OUTREACH

On 14 March, Ben Letton attended the Northeastern California Water Association (NECWA) annual meeting in Bieber, CA. Discussion centered largely on upcoming monitoring requirements and increases in fees.

On 19 March, James Taylor participated in the former McClellan Air Force Base Restoration Advisory Board (RAB) meeting at the North Highlands Park and Recreation District Center in North Highlands, California. This is a public meeting where agencies inform the public of cleanup issues at Department of Defense facilities and enlist their comments. The main topics for the meeting were updates on projects involving the Focused Strategic Sites, Radiological Non-Time Critical Removal Actions, and Privatized Cleanup. (JDT)

On 19 March, Sue McConnell and Christine Joab met with Linda Deanovic of the U.C. Davis Aquatic Health Program and took a tour of the ex-situ river flow through system located on the Sacramento River at Hood. This ex-situ system is being used to conduct a thorough toxicity assessment of the Sacramento River at Hood under a grant agreement managed by the State Water Resources Control Board.

On 27 March, Chris Foe, Martice Vasquez, and Christine Joab met with Dr. William Stringfellow and Shelly Gulati at the University of the Pacific to discuss the completion of the integrated WARMF/Link-Node model. This integrated model is being developed as part of the San Joaquin River Low Dissolved Oxygen TMDL studies.

On 2 April, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. The Workgroup continued discussion of the April Board hearing and a special study to assess ambient levels and potential sources of *Cryptosporidium*. The meeting also included discussion of an upcoming seminar to discuss potential improvements to water quality modeling tools.

On 8 April, Janis Cooke and Patrick Morris met with the Delta mercury exposure reduction program workgroup. CA Department of Public Health provided an update on their Community Needs Assessment and has contacted several Delta community groups. The workgroup then discussed funding levels needed for the program, development of a workplan to describe implementation activities, and in-kind contributions to support workplan activities.

On 9 April, Scott Gilbreath and Greg Cash gave a presentation at the Grade II Wastewater Treatment Plant course at Shasta Community College. The presentation included a background of the Regional Water Quality Control Board, and a summary of our statutes, regulations, plans, policies and guidelines. We also discussed the NPDES process, specifically the Mt. Shasta WWTP NPDES permit. The students were impressed by the activities of the Regional Water Board, and were very interested in the NPDES process.

On 10 April, Joe Karkoski made a presentation at a meeting of the University of California's Division of Agriculture and Natural Resources (UC ANR) in Ontario. The presentation focused on the new requirements associated with the long-term Irrigated Lands Regulatory Program and opportunities for collaboration with UC ANR.

On 10 and 11 April, Guy Chetelat and Ben Letton participated in a Sacramento River Watershed Program workshop on watershed restoration techniques and environmental compliance and permitting held in Redding. Participants included numerous NGOs that conduct restoration activities in Region 5. Guy and Ben gave a well-received presentation on Water Board permits for restoration activities.

On 12 April, Ben Letton attended the Upper Pit River IRWM Regional Watershed Management Group Meeting in Adin, CA. Final editions to the Plan were discussed. Update on application for Prop. 84 money was given.

On 12 April, Ben Letton participated in The Grate Debate in Chico, CA organized and sponsored by CSU Chico. The debate included students and covered State and local roles in water rights, management and oversight.

On 12 April, Betty Yee participated in the Department of Water Resources (DWR) Groundwater Caucus. The Groundwater Caucus was formed to develop a chapter describing groundwater issues for the next update of the Water Plan. Staff participation in the Caucus is to assist DWR to incorporate water quality issues.

On 15 April, Joe Karkoski attended a meeting of the Bay Delta Conservation Plan Farmland Agency Group. The meeting included a discussion of draft strategies to address invasive species associated with farmland and high groundwater levels that impact farmland in the Delta.

On 16 April, Sue McConnell and Jay Simi attended a workshop to discuss the WARMF and DSM2 modeling tools used during the development of the Drinking Water Policy. The workshop was held to find potential partners for improving the models in the future.

On 17 April, Tessa Fojut, Martice Vasquez, Danny McClure, Sue McConnell, from the TMDL program, along with Paul Hann, Rich Breuer, and Karen Larsen from the State Board, met with the Pyrethroid Working Group (PWG) to discuss the PWG's research concerning potential effects of pyrethroids on aquatic ecosystems, PWG's product stewardship activities, the development of pyrethroid TMDLs and assessment of pyrethroid data.

On 17 April, 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 23 April, Janis Cooke and staff from Region 2 and the State Water Board presented an informational update to the State Water Board on the progress of adopted mercury TMDLs in the Central Valley and the San Francisco Bay.

On 24-26 April, Chris Foe, Meghan Sullivan, Melissa Dekar, Tessa Fojut, Martice Vasquez, and Christine Joab attended the 2013 Annual Workshop of the Interagency Ecological Program. The annual workshop included technical sessions on monitoring, modeling, water quality trends and new research tools.

On 25 April 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 200 people world-wide attended this training

On 27 April, the Redding Office hosted an exhibit for the Whole Earth and Watershed Festival at the Redding Civic Center. The topic of our booth was wastewater treatment plants – how they work and what they do. The focus of the exhibit was on Northern California WWTPs regulated by the Regional Water Board. The Regional Water Board is one of approximately 30 watershed related agencies (National Parks, Federal, State, and Local Agencies) that attend the all-day event. Approximately 5,000 – 7,000 people attend the Whole Earth and Watershed Festival each year.

**PERSONNEL AND ADMINISTRATION**

**PERSONNEL REPORT**

March 1, 2013 – April 30, 2013

<u>Total Positions</u>	<u>Permanent</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
258.7	224.7	34	4	5	3

Promotions:

Patricia Vellines – Senior EG (Redding Office)

Leave of Absence:

Michael Hoffman

Return from LOA:

Jacqueline Matthews

Permanent Staff:

<u>Separations</u>	<u>New Hires</u>
Dan Radulescu – Enf. Coordinator (Retired)	Marisa Van Dyke - ES

Temporary Help Staff:

<u>Seperations</u>	<u>New Hires</u>
Joshua Mahoney Vincent Hu	Saskia Donovan Houa Yang Richard Newens Ashley Patterson

**TRAINING REPORT**

March 1, 2013 – April 30, 2013

**Course Title**

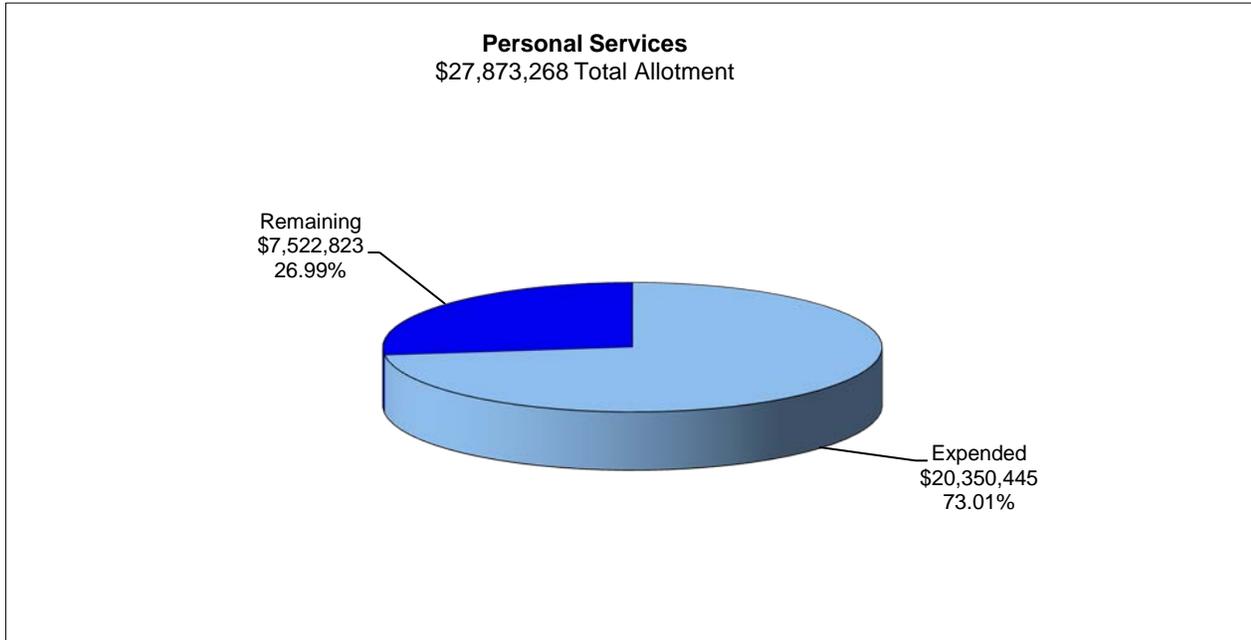
**Number of Attendees**

Aligning Your Basin Plan with Water Board Priorities	1
Assessment and Remediation of Environmental Contamination	1
Basic Inspector Training	1
Bio assessment and Program Implementation Training	1
CEQA Update, Issues and Trends	7
Defensive Drivers Training	1
Groundwater Pollution & Hydrology	9
Haz Mat Technician/Specialist Refresher	1
Imaging for the Web - CISW 350	1
Integrated Water Management Summit	1
Interagency Ecological Program Workshop	5
Introduction to Critical Thinking	1
Leadership Command Presence	2
Mon.Require for Constituents of Concern in Recycled Water	4
Nondetects and Data Analysis I, 2 and 3	6
NPDES Permit Writers Training	4
Practical Stats	1
Presenting Data and Information	1
QSD/QSP Training Course	1
Storm water Chemistry Principles and Applications	4
Storm water Chemistry Principles and Applications	1
Supervisory Skills Module 1	1
Train the Trainer	2
Waste Classification Workshop	3
Water Rights 101	9
Wetlands Regulation and Mitigation	1

**FISCAL REPORT**  
**Expenditures through January 2013**  
(75% should have been expended to date)

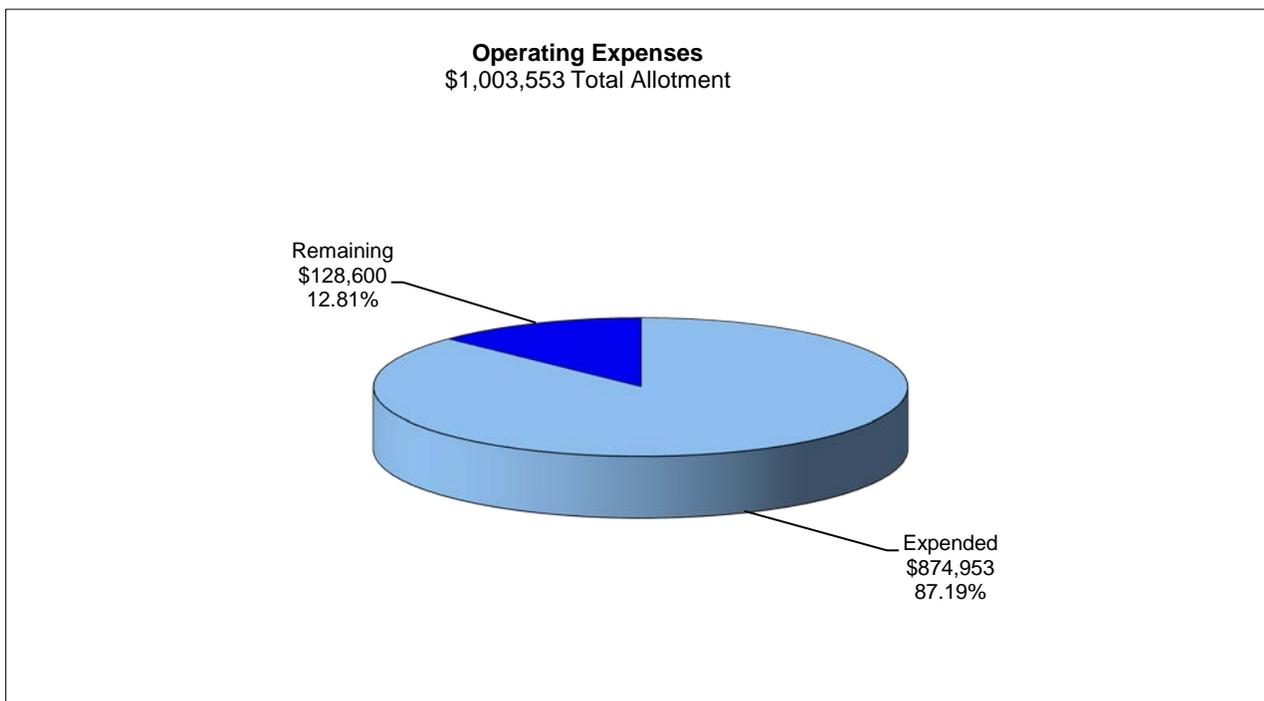
Personal Services:

Our Personal Services budget for the 2012/13 Fiscal Year is \$27,873,268.



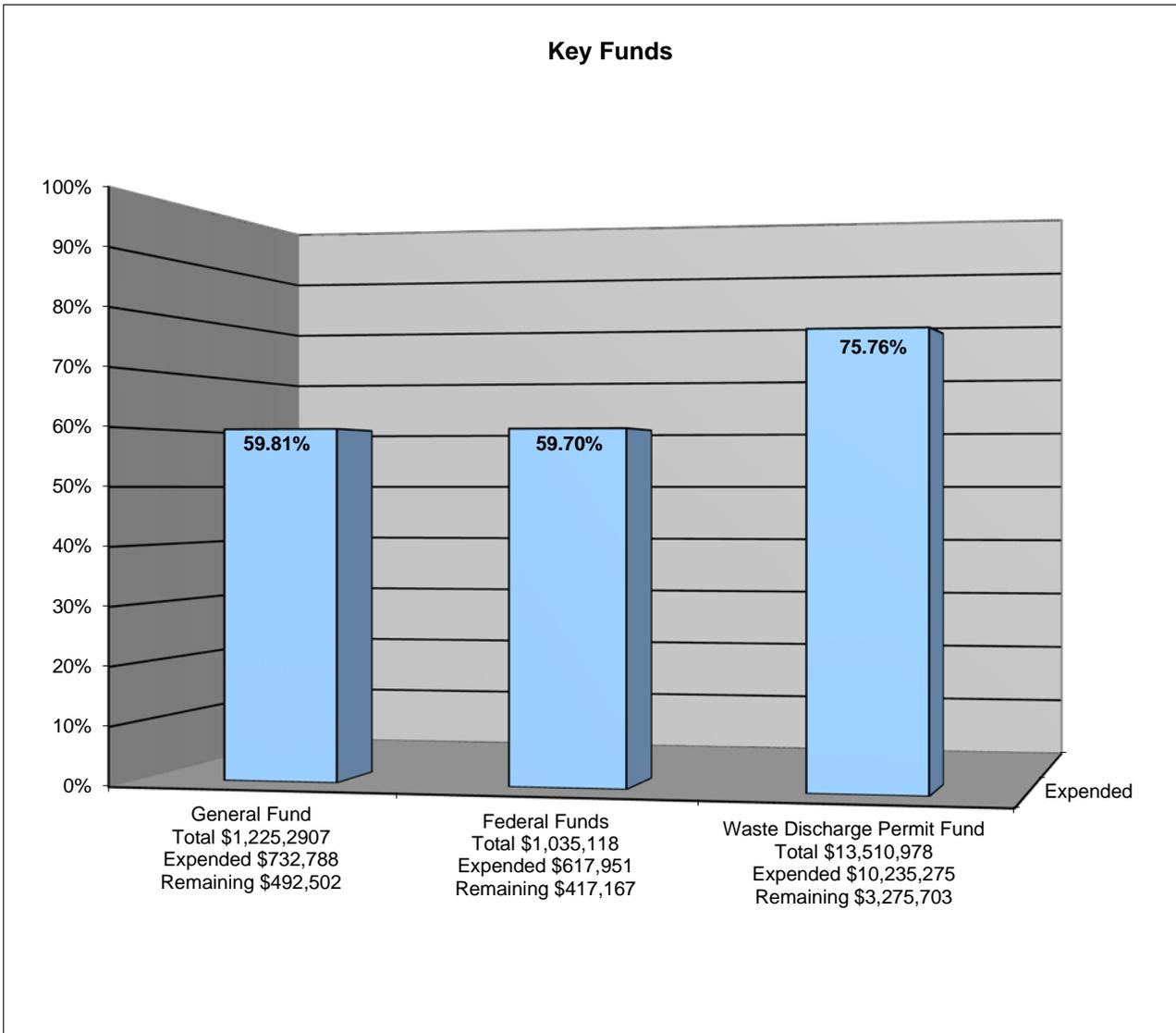
Operating Expenses:

Our Operating Expense budget for the 2012/13 Fiscal Year is \$1,003,553.



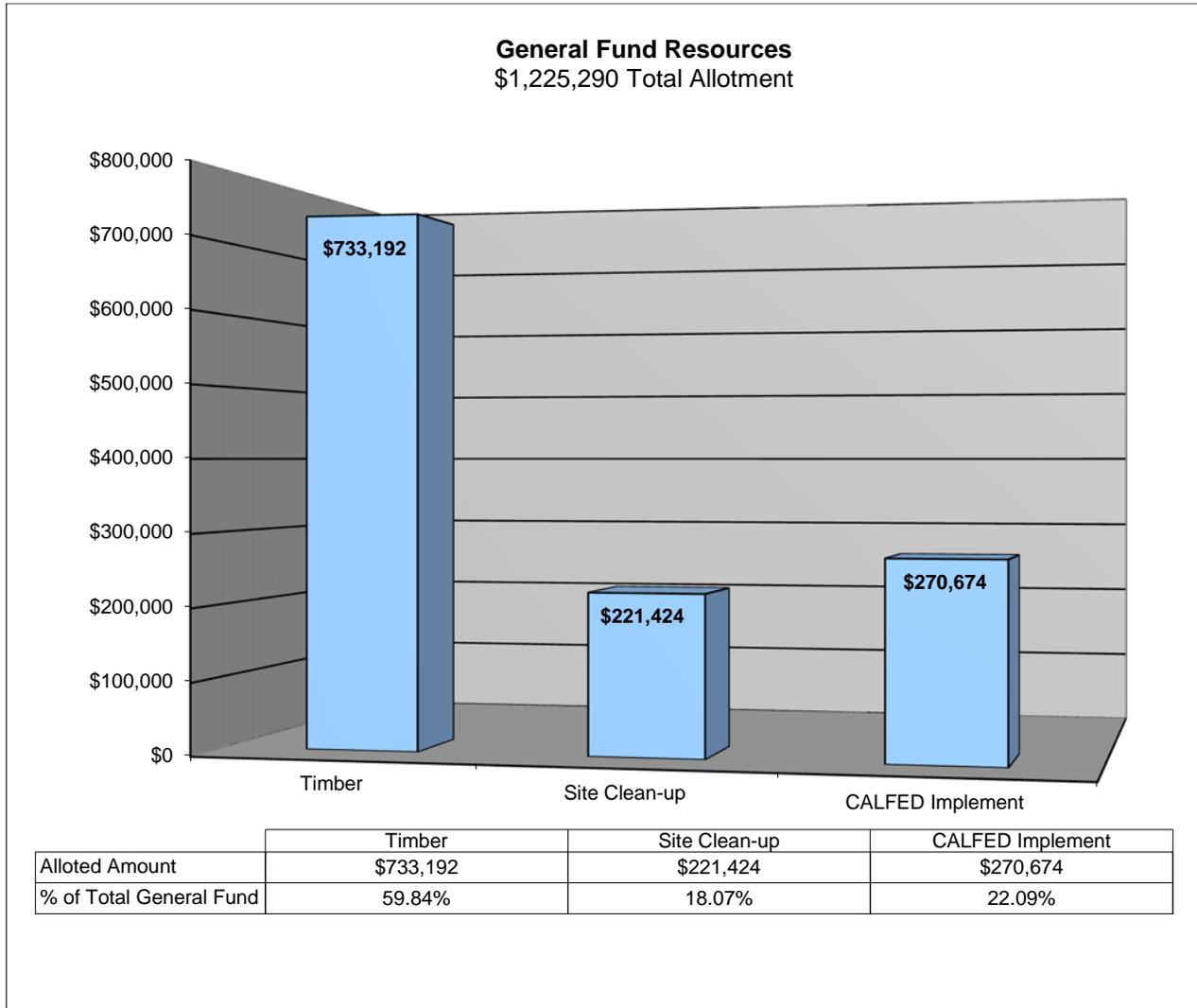
Key Fund Issues:

All key funds are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2012/13 Fiscal Year is \$1,225,290.



## **FUTURE BOARD ACTIVITIES**

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

### **JULY 2013 BOARD MEETING**

#### **NPDES PROGRAM – PERMITTING**

- CalMat Company, Sand and Gravel Facility Permit Renewal
- City of Alturas WWTP Permit Renewal
- City of Brentwood WWTP Permit Renewal
- City of Davis WWTP Permit Renewal
- Kinder Morgan Fox Road Permit Renewal
- North Yuba/Forbestown WTP Permit Renewal
- Yosemite National Park, Wawona WWTF Permit Renewal
- Yuba City WWTP Permit Renewal

#### **WASTE DISCHARGE REQUIREMENTS (WDR) Program – Disposal to Land**

- Calaveras Co. Water District, La Contenta WWTF (Revised WDRs)
- California Dairies-Tipton (Revised WDRs)
- Compost Solutions (Revised WDRs)
- Diestel Turkey Ranch (New WDRs)
- Iowa Hill Gravel Mine (New WDRs)
- Lake Berryessa Resort Improvement District Wastewater Treatment Facility (Revised WDRs)
- Seka Hills Olive Mill (New WDRs)
- Sun Maid Raisin, Kingsburg (Revised WDRs)

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

- Aqua Clear Farms (Revised WDRs)
- Bakersfield Metropolitan (Bena) Sanitary Landfill (Amended WDRs)
- Forward Landfill (Revised WDRs)
- Zamora Recycling (New WDRs)

### **OCTOBER 2013 BOARD MEETING**

#### **NPDES Program – Permitting**

- City of Lodi WWTP Permit Renewal
- Burney Forest Products Permit Renewal
- City of Jackson WWTP Permit Renewal
- City of Visalia WWTP Permit Renewal
- Sacramento Regional County Sanitation District Permit Amendment
- Southern Cal Edison, Balsam Meadow Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal

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

- Butte CSA #135, Keefer Creek Phase II (Revised WDRs)
- City of Patterson, Patterson Wastewater Treatment Facility (Amended WDRs)
- Garlic Company (Revised WDRs)
- Low Threat Waiver Resolution R5-2008-0182 (Renewal)
- Morningstar Packing Company (Revised WDRs)
- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- Olam Key Foods Ingredients (Revised WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)
- So. San Joaquin Irr. District, De Groot Water Treatment Plant (New WDRs)

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

- Guenoc Winery (New WDRs)
- McCourtney Landfill (Revised WDRs)

## **STORM WATER PROGRAM - PERMITTING**

- City of Stockton/San Joaquin County Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Stockton/San Joaquin County Development Standards Manual Approval
- City of Modesto Municipal Separate Storm Sewer System Permit (Permit Renewal)
- Bakersfield Municipal Separate Storm Sewer System Permit (Permit Renewal)

## **DECEMBER 2013 BOARD MEETING**

### **NPDES Program – Permitting**

- Bell Carter Olive Company Industrial WWTP Permit Renewal
- Calaveras County Water District Forest Meadows WWTP Permit Renewal
- City of Anderson WWTP Permit Renewal
- City of Clovis Permit Renewal
- City of Shasta Lake WWTP Permit Renewal
- Mariposa PUD WWTF Permit Renewal

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

- City of Lathrop, Lathrop Wastewater Treatment Facility (Amended WDRs)
- City of Redding, Redding Power (Revised WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Friant Ranch Planned Development (New WDRs)
- Hughson Nut Company (New WDRs)
- Mendota, City of (Revised WDRs)
- The Wine Group, Franzia-Sanger (Revised WDRs)
- Wilbur Packing (New WDRs)

## **STORM WATER PROGRAM - PERMITTING**

- Port of Stockton Storm Water Management Plan Approval

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

### **NPDES PROGRAM – PERMITTING**

- 16 to 1 Mine Permit Issuance
- City of Lincoln WWTP Permit Renewal
- City of Live Oak WWTP Permit Amendment
- City of Merced WWTF Permit Renewal
- City of Placerville, Hangtown Creek WWTP Permit Renewal
- City of Rio Vista Beach WWTP Permit Renewal
- City of Roseville, Dry Creek WWTP Permit Renewal
- City of Roseville, Pleasant Grove WWTP Permit Renewal
- City of Stockton RWCF Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal
- Community Drinking Water Systems Statewide General Order
- Crystal Creek Aggregate Inc. Permit Renewal
- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- Ironhouse Sanitary District WWRF Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- Malaga CWD Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- SPI-Burney Permit Renewal
- SWA at Mountain Gate – Permit Renewal
- University of California, Davis Aquatic Weed Lab Permit Rescission
- Yosemite National Park, El Portal 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)
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Storm Water Management Plan Approval
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County Development Standards Manual Approval
- City of Modesto Storm Water Management Plan Approval
- City of Stockton/San Joaquin County Storm Water Management Plan Approval

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

- Baker Commodities, Kerman (Revised WDRs)
- Berrendos CSD Treatment System (Rescind WDRs)
- Butte CSA, Stirling City Ponds (Rescind WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Rescind WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Rescind WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Rescind WDRs)
- City of Isleton. Isleton Wastewater Treatment Facility (Revised WDRs)
- Del Monte Plant 24 (Revised WDRs)
- Delano Growers Grape Products (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Rescind WDRs)
- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)
- Paramount Farms King Facility (Revised WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- Sacramento Rendering Company (Revised WDRs)

- Seneca Mine (New WDR)
- Shasta Renewable Resources LLC (New WDRs)
- Sunny Gem, LLC Almond Plant (New WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Rescind WDRs)
- USDI National Park Service, Whiskey Creek Recreation Area (Rescind WDRs)
- Victor Raisin Packing (Revised WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)

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

- Coalinga Landfill (Revised WDRs)
- Earlimart Landfill (Revised WDRs)
- Hanford Landfill (Revised WDRs)
- North Belridge Solid Waste Disposal Site (Revised WDRs)
- Orange Avenue Landfill (Revised WDRs)
- Teapot Dome Landfill (Revised WDRs)
- Zenda Mine (Revised WDRs)

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

- Waste Discharge Requirements General Order for Discharges from Irrigated Lands within the Central Valley Region for Dischargers not Participating in Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Tulare Lake Basin Area that are Members of a Third-Party Group (New WDRs)
- 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 Westside San Joaquin River Watershed that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Sacramento-San Joaquin Delta Area that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Westlands Area that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Sacramento Valley Rice Growers (New WDRs)