

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



**EXECUTIVE OFFICER'S REPORT  
December 9-10, 2010**

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## SUCCESS STORIES

### 1. **Staff Recognition for Outstanding Contribution**

In October, James Taylor, Central Valley Water Board Engineering Geologist in the Federal Facilities Unit, was recognized for his "outstanding contribution as a member of the Interstate Technology and Regulatory Council's (ITRC) Contaminated Sediments Team". The Contaminated Sediments Team was awarded the 2010 Team of the Year Award, among 14 national ITRC Teams, for its contributions above and beyond expectations to accomplish the ITRC mission and for demonstrating leadership and innovation. The Contaminated Sediments Team is developing a web-based Technical and Regulatory Guidance document on the concepts, process, and use of bioavailability in a risk-based decision framework at contaminated sediment sites. The document is scheduled for publication on the web in the Spring of 2011. (RDB)

2. **Response to the Roseville Mall Fire.** On Thursday 21 October, 2010, the Westfield Mall in Roseville was set on fire. The next day the Governor's Office issued an Executive Order declaring a state of emergency in Placer County for the Westfield Mall fire. Pursuant to the Executive Order, the Governor ordered the suspension of requirements pertaining to the removal, storage, transportation and disposal of hazardous and non-hazardous debris to the extent necessary for expediting the removal and cleanup of debris from the disaster and directed CalEPA to use sound discretion to ensure that the suspension still serves acceleration of cleanup while protecting public health and the environment. On Monday a Management Agency Committee (MAC) was formed consisting of Placer County and CalEPA agencies to coordinate the response activities. Water Board staff promptly visited the site that day and made recommendations to CalEPA regarding use of the Board's Emergency Debris Disposal Waiver and regarding potential storm water issues. These recommendations were conveyed to Placer County by CalEPA. Several stores were re-opened the following weekend while cleanup efforts continue. (AKJV)

### 3. **Sewerage Commission – Oroville Region, Butte County**

The Sewerage Commission – Oroville Region (SC-OR) is partnering with the Thermalito Irrigation District, the City of Oroville and the Lake Oroville Area Public Utilities District in a new program to address Infiltration and Inflow (I&I) into the community sewer system. All of the three entities along with SC-OR will begin a new technology that will repair leaks to the sewer collection system without having to dig up the sewer lines. This new technology will use a bladder system to help set an epoxy on the inner walls of the sewer collection lines that have been shown to allow I&I into the collection system. The money that SC-OR is using is coming from savings from their solar plant that was installed at the SC-OR wastewater treatment plant. The revenue derived from sunshine is being dispersed to the adjoining utility companies to make structural repairs that benefit the whole community. (GDC)

4. **Conditional No Further Action Determination, Former Lamoure's Dry Cleaner, 1124 West Olive Avenue, Merced, Merced County.** Perchloroethylene (also known as PCE, a dry cleaning solvent) was discovered in soil gas beneath a former dry cleaner in Merced that had operated from 1998 to 2007. The property owner characterized PCE in soil gas and installed three groundwater monitor wells that were sampled four times each between August 2008 and February 2010. None of the groundwater samples collected contained PCE or its breakdown products. The property owner installed a small soil vapor extraction system, which reduced influent soil gas concentrations to below cleanup goals. Subsequent soil gas confirmation samples indicated that the removal action achieved the cleanup goals. A conditional No Further Action Notice was issued on 31 August 2010. The Board recently received confirmation that the wells have been properly destroyed. The No Further Action Determination is effective as of 9 November. (NEC)

5. **No Further Action Determination, Oxy Prewett 4-5 Lease Site, 5400 Mojave Way, Antioch, Contra Costa County.** In 1962, OXY initiated oil and gas recovery activities in the Brentwood Oil and Gas Field in Contra Costa County. In the 1980s, the wells became no longer profitable, and OXY plugged and abandoned them in 1992. In the late 1990s, the Site and surrounding property, including the former oil and gas production well area, were developed into a residential neighborhood. In 1992, OXY excavated about 5,000 cubic yards of contaminated soil, and in 1994, installed eight monitoring wells. Over the next four years, some wells were damaged, properly abandoned and replaced, and in 1998, OXY abandoned all 14 Site wells to allow for the

development. After construction was complete, OXY installed nine replacement wells and conducted 18 monitoring events between 1999 and 2010. OXY predicts that Site groundwater will reach water quality objectives within one to two years. The remaining levels of petroleum constituents do not pose a threat to human health, the environment, or waters of the State. A No Further Action letter was issued on 27 October 2010. (KS))

6. **Effective Date for No Further Action Determination Granted for Baxter Train Derailment Site, Baxter, Placer County.** A Harsco rail grinder train derailed on 9 November 2006, near Baxter, along the Roseville Subdivision of the Union Pacific Railroad (UPRR). The derailment resulted in two human casualties and a significant release of hydrocarbon fuel in this remote mountainous region. The primary chemicals of concern included diesel fuel and hydraulic oil. Site remediation was performed on two parcels of property - one owned by UPRR and the other on privately owned property. The UPRR property was remediated along the tracks and the private property was remediated along the down slope part of a spring fed stream. Harsco performed groundwater monitoring for one year near the streambed to verify that groundwater had not been impacted. Based on the results of 83 water samples, 215 soil and sediment samples, and mass calculation estimates, Harsco adequately characterized the extent of impact and removed impacted soils to the technical and economic extent possible. No Further Action was granted on 13 October 2010. (SWM)
7. **Settlement Agreement Reached by Old Hammer Field Responsible Parties and the State, Old Hammer Field, Fresno, Fresno County**  
A Settlement Agreement (Case No. 1:06-CV-01559-OWW-GSA) between the City of Fresno (Plaintiff) and the United States Army Corps of Engineers, United States National Guard Bureau, and The Boeing Company (Defendants) has been reached with the Regional Water Quality Control Board and the Department of Toxic Substances Control. The Settlement Agreement provides for past oversight costs to be reimbursed to the State and provides for a methodology for future oversight cost reimbursements to be shared by the Plaintiff and Defendants. In the Settlement Agreement, past oversight costs will be reimbursed to the Central Valley Water Board totaling \$687,533.54 and to the Department of Toxic Substances Control totaling \$1,276,471.03. (GJI)
8. **Basin Plan Amendment Addressing Selenium**  
The Basin Plan Amendments for selenium control in the San Joaquin River Basin approved by the Central Valley Water Board on 27 May 2010 were approved by the State Water Resources Control Board at their 5 October 2010 meeting. On 5 November 2010, the Amendments were sent to the Office of Administrative Law (OAL) for final review and approval, with a decision anticipated in mid to late December. Following State Board approval, State Board staff received two petitions for reconsideration. Their response is pending. The selenium control program regulates the discharge of agricultural subsurface drainage from the Grassland Bypass Project. Grassland Bypass Project information and water quality data from 1996 to the present day are posted on the San Francisco Estuary Institute's website: <http://www.sfei.org/gbp>. (GPC)
9. **Clovis Landfill completes project, Fresno County**  
Clovis Landfill completed a 12-year project in which waste in an unlined waste management unit was excavated and relocated to an adjacent lined waste management unit. The removal process included the excavation and mechanical sorting of soils from solid waste within the unlined unit. The screened soil was stockpiled for use as daily cover on the landfill. The area from where the wastes were removed will be lined pursuant to Title 27, CCR Section 20005 et seq., providing an additional 35 years of life to the landfill, which otherwise would have been closed in 2015. In addition, the waste excavation removes the source of volatile organic compounds in groundwater, providing remediation to a release of waste to groundwater.
10. **Former Chevron Bakersfield Refinery, Oildale, Kern County**  
The 200-acre former Chevron Bakersfield Refinery and Wait Tank Yard operated from 1912 to 1986 processing and storing a variety of hydrocarbon products. The site was decommissioned in May of 1990 and dismantled by September of 1991. Soil and groundwater impacted by petroleum hydrocarbons have been/are being remediated through soil excavation, soil vapor extraction, and air sparging of groundwater. Innovative technologies incorporated into the remediation efforts include deep air sparging, at depths greater than 150 feet below the water table, and the metered introduction of ammonia and phosphorous into the sparge air of selected sparge wells to encourage biological degradation of the petroleum plume.

A portion of the site was redeveloped by Chevron in 2010 for the Brightfield Solar Demonstration Project. The research project will test the performance of six emerging thin-film technologies and one emerging crystalline-silicon photovoltaic technology, which were provided by independent solar companies. The 7,700 solar panels on 8 acres will generate approximately 740 kW of electricity. The produced power is directed to the local utility grid as well as to Chevron's onsite remediation system and oil production operations at the Kern River Field. Additional Brightfield information, including a short video, is available at: <http://www.chevron.com/news/press/release/?id=2010-03-22>. (DLC)

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

Following are sites where Board staff determined that investigation and remediation work may be discontinued and that no further action is required. Further, any residual hydrocarbons remaining do not pose a threat to human health and safety or anticipated future beneficial uses of water. This determination is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations requires public notification when the Board determines that corrective actions have been completed and that no further action is required at a leaking underground storage tank site. This document serves to provide public notification.

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**

- **Jennies Grocery, 4244 South Cherry Avenue, Fresno**

The responsible party removed two USTs during September 1997. No dispensers were present, and reportedly the USTs had not been used in many years. One soil sample collected at the time contained low concentrations of gasoline but no benzene. Another soil sample was ND for all constituents. Domestic wells 35 feet and 100 feet from the UST were sampled in 2010 and did not contain petroleum hydrocarbons. The case was closed on 7 October 2010. (JWH)

- **California Ginning, 39936 West North Avenue, Mendota**

The responsible party removed one UST during January 1995, and gasoline was detected in underlying soil. Four borings were drilled to depths of 50 feet, and gasoline was detected to a depth of 30 feet, no groundwater was encountered. A test pit was excavated to a depth of 15 feet during June 2010, and a soil sample collected. No petroleum hydrocarbons were detected in the soil sample. The case was closed on 30 August 2010. (JWH)

- **Vern Ingram Property, 3596 West Dudley, Fresno**

The responsible party removed two USTs during July 1990, and gasoline and diesel were detected in underlying soil. A groundwater sample collected from an onsite domestic well in 2008 did not contain petroleum hydrocarbons. Five soil borings were drilled to depths of 30 to 80 feet during April 2010, and no petroleum hydrocarbons were detected. The case was closed on 21 September 2010. (JWH)

- **Don Bricker, 5367 N. McCall Avenue, Fresno**

The responsible party removed one UST in November 1991, and gasoline was detected in underlying soil. An estimated 150 cubic yards of soil were removed from beneath the UST to a depth of 15 feet, where a soil sample indicated a low gasoline concentration. In-situ cleanup methods were applied to speed bioremediation of residual gasoline. An adjacent water supply well was sampled, and no petroleum hydrocarbons were detected. The case was closed on 28 September 2010. (WWG)

- **Ken's Gas, 42145 Tollhouse Road, Shaver Lake**

The responsible party removed two USTs and a small vapor tank. Gasoline was detected in underlying soil. Soil and groundwater sampling completed in 2009 identified only traces of

gasoline hydrocarbons in soil, and no petroleum hydrocarbons above primary MCLs in groundwater. The case was closed on 3 September 2010. (WWG)

- **Belmont Car Wash, 5594 Belmont Avenue, Fresno**

The responsible party removed three USTs in April 2004. Gasoline and diesel were found in underlying soil. Site assessment identified 252 pounds of gasoline hydrocarbons and 95 pounds of MTBE in soil. Only a trace of xylenes was detected in groundwater and beneficial uses are not affected. The case was closed on 3 September 2010. (WWG)

b) **REDDING OFFICE**

**Butte County**

- **Clipper Trader, 12235 La Porte Road, Clipper Mills**

In June 1999, three USTs were removed from the property, and underlying soil was contaminated with fuel constituents. About 200 tons of contaminated soil were excavated and disposed at a licensed off-site facility in October 2002, thus removing about 3,588 pounds of contaminant mass. An ozone injection groundwater remediation system was installed in February 2007 and operated until petroleum concentrations were at negligible levels. A no further action letter was issued on 26 August 2010. (RDJ)

- **ARCO #5862, 2639 Oro Dam Boulevard, Oroville**

In April 1989, six USTs were removed from the property, and underlying soil was contaminated with fuel constituents. About 140 cubic yards of contaminated soil were excavated and disposed at a licensed off-site facility. This release was granted no further action status on 16 July 1992. Another release was discovered during piping upgrades in March 2003. Fuel contamination was discovered in piping trench soil samples. Five monitoring wells were subsequently installed and monitored quarterly. During the last quarter of monitoring, all results were below water quality goals. A no further action letter was issued on 20 September 2010. (RDJ)

- **Vanella Oil, 1055 Mangrove Avenue, Chico**

In December 1998, three USTs were removed from the property, and underlying soil was contaminated with fuel constituents. An air sparge/soil vapor extraction remediation system was installed in April 2005, and an ozone injection system was installed in March 2007 to remediate a source area. About 1,326 pounds of contaminant mass were removed by the soil vapor extraction system. A no further action letter was issued on 14 October 2010. (RDJ)

**Shasta County**

- **Southland 7-11 Store #20090, 3002 Placer Street, Redding**

In January 1997, the USTs were removed from the property and replaced. Underlying soil was contaminated with fuel constituents. About 191 cubic yards of contaminated soil and 9,125 gallons of water from the tank excavation were removed and disposed at a licensed off-site facility. In October 2002, about 433 tons of contaminated soil were excavated and disposed at a licensed off-site facility, thus removing about 231 pounds of contaminant mass. A dual phase extraction remediation system was installed in October 2004 and removed about 471 pounds of contaminant mass. A no further action letter was issued on 23 September 2010. (RDJ)

c) **SACRAMENTO OFFICE**

**Colusa County**

- **Former Chevron Station #9-0230, 7th & E Streets, Williams**

In 1972, five USTs and appurtenances were removed. In 2003, two additional undocumented USTs were removed. From 1999 through present several soil and groundwater sampling events were conducted. It is estimated that 127 pounds of gasoline and 16 pounds of diesel remain in soil and groundwater and will continue to degrade, reaching water quality objectives within 15 years. No sensitive receptors are threatened, and all public participation activities have been conducted. All monitoring wells have been properly abandoned. This site was closed on 1 September 2010. (JIM)

## Contra Costa County

- **Former B. C. Stocking, 1700 Discovery Bay Boulevard, Byron**

In 1998, three USTs were removed from the site. Analytical results of soil and groundwater samples showed there were petroleum hydrocarbons in the subsurface. Limited source removal has reduced the remaining contamination. All groundwater monitoring wells were abandoned according to Contra Costa County standards between 13 and 14 September 2010. A No Further Action letter was issued for this site on 1 October 2010. (PMV)

## Lake County

- **Nice Jackpot, 3444 East Hwy 20, Nice**

The original unauthorized release was discovered in May 1991 and investigation work was carried out from September 1992 through July 1994. Remedial activities from July 1994 through December 2009, included soil excavation, installation of an oxygen injection system, and monitored natural attenuation. Remedial activities resulted in removal of about 1,629 pounds of the estimated 1,649 pounds of contaminant mass initially released (99% removal). Current groundwater pollution above water quality objectives (WQOs) is of limited extent, and the consultant estimates that will attenuate to WQOs within 5 to 10 years. All monitoring wells were properly decommissioned in August 2010, and the case was closed as a low risk site in October 2010. (GTM)

## Nevada County

- **W.H Little & Sons, 12072 Hidden Valley Road, Grass Valley**

In August 1994, two USTs and 50 cubic yards of contaminated soil were removed from the site. About 20 pounds of TPH were removed and about 0.2 pounds remain in site soil. The low constituent concentrations remaining in groundwater should reach water quality objectives within 12 years. The site was closed in August 2010. (MTS)

- **UPRR Site, 19195 Donner Pass Road, Norden**

In 2003, two USTs and 380 tons of contaminated soil were removed from the site. About 75 pounds of TPH were removed. Soil and groundwater contaminants remaining in the subsurface are weathered, limited to on-site, and do not pose a significant risk to any potential sensitive receptors in the area. The site was closed in August 2010. (MTS)

## Placer County

- **3998 Foothills Boulevard, Roseville**

Soil samples collected from beneath the Site during the October 2004 dispenser upgrade contained petroleum hydrocarbons. Subsequent investigations revealed that relatively minor concentrations of hydrocarbons were present in soil and groundwater, but elevated concentrations were detected in shallow soil vapor. Excavation and natural attenuation removed about 8 pounds of petroleum hydrocarbons from the subsurface, and concentrations in shallow soil vapor have decreased dramatically. No analyzed constituents were detected in groundwater during the last August 2009 sampling event, no supply walls are located within 2,000 feet of the Site, and the residual hydrocarbons are unlikely to pose a threat to human health. The case was closed on 22 September 2010. (PRS)

- **8555 Auburn-Folsom Road, Granite Bay**

This site is an active retail gasoline fueling facility and convenience store. In August 1986, a soil vapor survey confirmed that an unauthorized release of petroleum hydrocarbons had occurred. In October 1993, four USTs and all associated piping were removed from the Site, while a fifth UST was abandoned in place. Although elevated hydrocarbon concentrations were detected beneath the Site, over-excavation, groundwater extraction and natural attenuation have removed more than 56 pounds of petroleum hydrocarbons, thus significantly reducing residual concentrations. Only minor hydrocarbon concentrations remain in shallow soil, and residual groundwater concentrations are expected to attenuate below water quality objectives by 2020.

No supply wells are located within 2,000 feet of the site, and the closest surface water is more than 1,900 feet southeast. The Site was closed on 6 October 2010. (PRS)

### **Sutter County**

- **Shell #205-8670-0568, 831 Colusa Ave, Yuba City**

During dispenser upgrades in February 2001, petroleum hydrocarbons were observed in soil, which was excavated. An estimated 0.541 gallons of TPH remain in soil and 0.0002 pounds of TPH remain in groundwater. After public participation was complete and all monitoring wells were properly abandoned, the case was formally closed on 7 October 2010. (JLB)

- **Yuba City Chevron Case #2, 1273 Bridge St., Yuba City**

During dispenser upgrades in November 2003, petroleum hydrocarbons were observed in soil, which was excavated. About 15 to 20 cubic yards of soil and 6.5 pounds of TPHg were removed. A number of investigative episodes were conducted to delineate the contamination to soil and groundwater. About 26 pounds of TPHd remain in soil and 2 grams of TPHd remain in groundwater. After public participation was complete and all monitoring wells were properly abandoned, the case was formally closed on 23 September 2010. (JLB)

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

#### **Merced County**

- 7-11 #14120, 2679 Buhach Road, Atwater
- Jan's Market, 5966 Hwy 140 East, Merced

#### **Sacramento County**

- Beacon Station #427, 4625 San Juan Avenue, Fair Oaks
- Philipp's Bakery, 3300 Folsom Boulevard, Sacramento
- Wayside Lumber, 11277 Trade Center Drive, Rancho Cordova
- Pac Tel Cellular Site, 8897 Greenback Lane, Orangevale

#### **San Joaquin County**

- Chevron #9-8264, 3775 Tracy Blvd., Tracy
- Del Monte 33 / Disco UST, 110 North Filbert Street, Stockton
- Former Morita Brothers, 814 W. Charter Way, Stockton
- Woolsey Oil, 1501 W. Charter Way, Stockton

#### **Stanislaus County**

- Modesto Tallow Company, 925 Crows Landing Road, Turlock

e) **Local Agency UST Closures with Non-Concurrence of Board Staff Review**

## COMPLIANCE AND ENFORCEMENT

### 1. **Rubicon Trail, El Dorado County (CAO No. R5-2009-0030)**

On 1 September 2010, Wendy Wyels, Steve Rosenbaum, and Marty Hartzell completed a field review of the Rubicon Trail between the Loon Lake Trailhead and Spider Lake with environmental group representatives. This field review focused on the maintenance work completed to date by the El Dorado County Department of Transportation (DOT) and Rubicon Trail Foundation (RTF) and Friends of the Rubicon (FOTR) volunteers. We observed multiple areas where the County crews constructed rocked dips and rocked lead out structures to drain the trail and reduce sediment transport, and additional trail areas that were armored to provide additional trail stabilization. We also observed areas where considerable work remains to be completed to further identify and mark the trail location to reduce off trail travel, to close bypass routes not approved by the County, and to address oil spills and sanitation issues.

On 29 September 2010, Board Member J.C. Isham and staff members Wendy Wyels and Marty Hartzell participated in a Rubicon Trail tour conducted by El Dorado County to view trail maintenance work completed by County DOT crews. Participants included El Dorado County Board Member Jack Sweeney, DOT Deputy Director Tom Celio, Eldorado National Forest District Ranger Diane Rubiaco, El Dorado County Sheriff Officer Bernie Morton, and members of the RTF and FOTR. RTF and FOTR members supported the tour by providing rides in their vehicles for participants that did not wish to walk the trail. In total, approximately 40 persons traveled the trail in jeeps or walked from the Loon Lake Trailhead to Walker Hill and back to Loon Lake. Participants observed newly-installed road drainage structures and armored sections of the trail and also active trail work at Walker Hill. Supervisor Sweeney provided history of the trail, and we discussed the new bridge location at Ellis Creek, proposed new vault toilet locations, and future maintenance work on the trail.

On 14 October 2010, Marty Hartzell attended the monthly Rubicon Oversight Committee (ROC) meeting in Placerville. El Dorado County DOT staff reported that they are applying to the US Forest Service for an easement for the entire length of the Rubicon Trail within El Dorado County. This easement is for segments that cross US Forest Service lands and also private ownership. DOT staff presented their proposal to the El Dorado County Board of Supervisors (BOS) on 19 October 2010, and the BOS approved and funded their request. DOT staff also reported that working cooperatively, DOT and Eldorado National Forest staff completed installation of a vault toilet near the Ellis Creek crossing of the Rubicon Trail on 12 October 2010. This is the second vault toilet that has been installed on the trail –the first one was installed in October 2008 at the Loon Lake Trailhead. The Ellis Creek vault toilet is planned to be serviced by the Unimog pumper truck that was purchased with California State Parks Off-Highway Motor Vehicle Recreation (OHMVR) Division funding in 2009, and outfitted with tanks and pumps by the RTF. DOT staff concluded that the DOT work crews made it to Walker Hill this year with their trail improvement work. (WMH)

### 2. **Administrative Civil Liability (ACL) Complaints for Mandatory Minimum Penalties**

Since the last Executive Officer's Report was prepared, the Executive Officer issued the following ACL Complaints for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

#### a) **ACL Complaint R5-2010-0544 was issued to the California Department of Parks and Recreation, Empire Mine State Historical Park, Nevada County.**

The MMPs were in the amount of \$84,000 for violations of effluent limitations for violations of effluent limitations from the Empire Mine State Historical Park for arsenic, color, dissolved oxygen, iron, manganese, settleable solids, total suspended solids, and turbidity that occurred during the period 1 August 2006 to 31 July 2010.

#### b) **ACL Complaint R5-2010-0545 was issued to the City of Auburn, Placer County.**

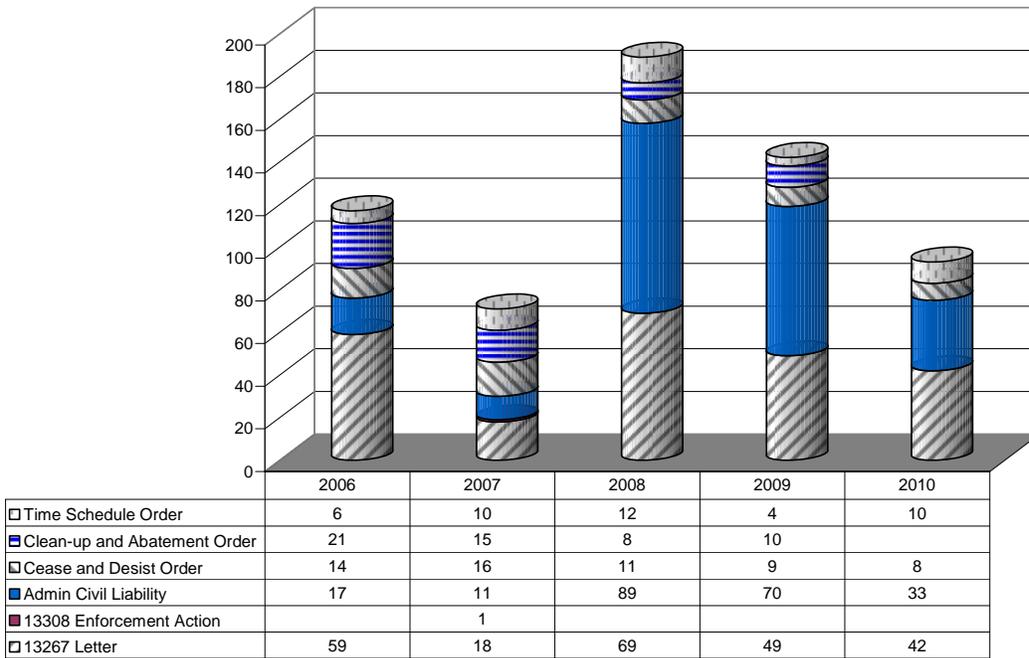
The MMPs were in the amount of \$63,000 for violations of effluent limitations from the City of Auburn wastewater treatment plant for aluminum and chloroform that occurred during the period 1 April 2010 through 31 August 2010.

- c) **ACL Complaint R5-2010-0546 was issued to the Placer County Department of Facility Services, Sewer Maintenance District No. 1, Placer County.**  
The MMPs were in the amount of \$42,000 for violations of effluent limitations from the Sewer Maintenance District No. 1 wastewater treatment plant for ammonia, chloroform, and nitrite plus nitrate that occurred during the period 1 March 2010 to 31 July 2010.
- d) **ACL Complaint R5-2010-0547 was issued to the Placer County Department of Facility Services, Sewer Maintenance District No. 3, Placer County.**  
The MMPs were in the amount of \$30,000 for violations of effluent limitations from the Sewer Maintenance District No. 3 wastewater treatment plant for aluminum, copper, dibromochloromethane, dichlorobromomethane, and total coliform that occurred during the period 1 September 2009 through 31 July 2010.
- e) **ACL Complaint R5-2010-0548 was issued to the California Department of General Services, Office of State Publishing, Sacramento County.**  
The MMPs were in the amount of \$36,000 for violations of effluent limitations from the non-contact cooling water discharge to the American River for cadmium, copper, iron, lead, pH and temperature that occurred during the period 1 April 2008 through 31 July 2010.
- f) **ACL Complaint R5-2010-0549 was issued to California Department of Corrections and Rehabilitation, San Joaquin County.**  
The MMPs were in the amount of \$36,000 for violations of effluent limitations from the Deuel Vocational Institution for total benzene, electrical conductivity, and nitrate that occurred during the period 1 April 2010 through 31 August 2010.
- g) **ACL Complaint R5-2010-0550 was issued to the City of Davis, Yolo County.**  
The MMPs were in the amount of \$3,000 for violations of effluent limitations from the City of Davis wastewater treatment plant for chlorine that occurred during the period 1 April 2008 through 31 July 2010.
- h) **ACL Complaint R5-2010-0551 was issued to the City of West Sacramento, Yolo County.**  
The MMPs were in the amount of \$6,000 for violations of effluent limitations from the City of West Sacramento wastewater treatment plant for copper and total suspended solids that occurred in October and November 2004. (BLH)

## Enforcement Update

Despite recent reduction in resources, the Central Valley Water Board staff continues to perform at a high level in the areas of compliance and enforcement. Overall, the Central Valley Water Board oversees currently the compliance of over 40,000 individual dischargers or facilities covered by various permitting measures via ten major regulatory programs. The following graphs are based on information contained in CIWQS tracking the core regulatory programs<sup>1</sup> through 1 November 2010 depicted by calendar years. Some of the formal enforcement actions, such as Administrative Civil Liabilities (ACL complaints or orders), are tracked in CIWQS for all programs, so they are counted in the following chart.

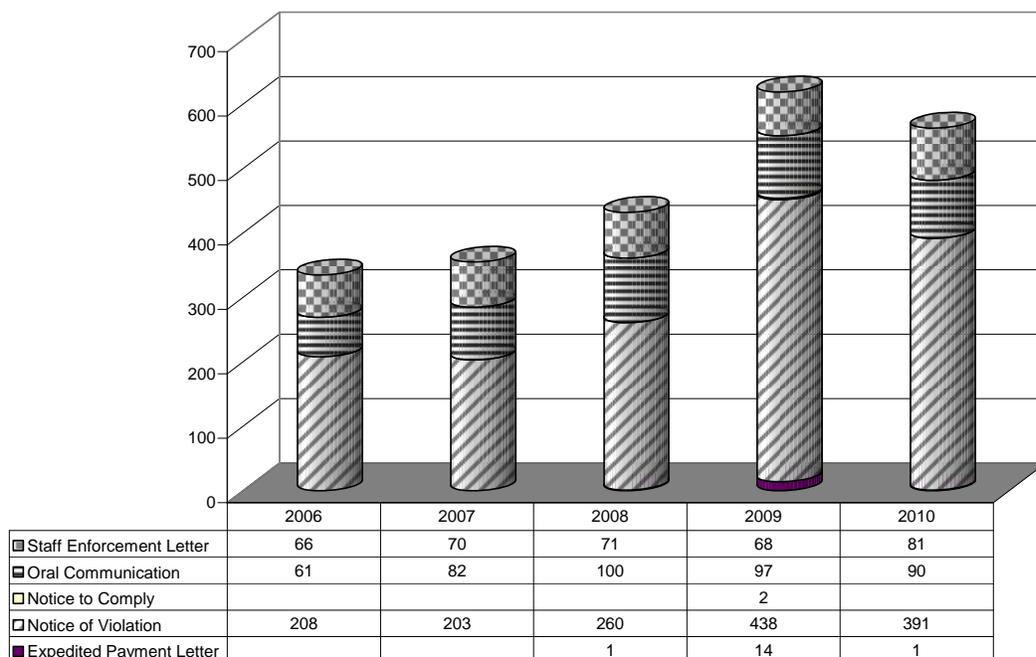
**Formal Enforcement Actions per Calendar Year  
(As of 1 November 2010)**



In 2008, we implemented the Mandatory Minimum Penalty (MMP) Initiative that led to cleaning up the backlog of MMPs. A number of MMP ACLs have been settled by requiring implementation of Compliance Projects or Supplemental Environmental Projects. Some of those projects are currently under way. In other cases, settlement discussions may be under way. State Water Board's Office of Enforcement has issued an update of the statewide status of the MMP Enforcement Initiative at [http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/docs/mmp\\_update\\_030110.pdf](http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/mmp_update_030110.pdf)

<sup>1</sup> The five core regulatory programs are: NPDES Wastewater, NPDES Storm water, Wetlands and 401 Certification, Non 15 Waste Discharge Requirements, Land Disposal. The construction and industrial components of the NPDES Storm water program are now tracked in SMARTS module.

**Informal Enforcement Actions per Calendar Year  
(As of 1 November 2010)**



The counts for the calendar year 2006 seem lower because not all the data was entered during the transition phase between our data management systems, from SWIM to CIWQS.

Furthermore, as explained in the previous EO Reports, the Storm water Program (construction and industrial facilities) transitioned to a new data module named SMARTS (Storm water Multi-Application, Reporting, and Tracking System) in order to allow the handling of the specific needs of the program. As the reporting tools for the SMARTS module are developed, we will include a more detailed analysis in future reports. For example, the Central Valley Water Board issued 140 Notices of Non Compliance against industrial facilities that failed to submit the Annual Report by the due date, 156 Staff Enforcement Letters, and 17 Notices of Violation against various storm water permittees.

**Calendar Year 2010 Accomplishments**

Based on data publicly available from CIWQS covering the core regulatory programs, Central Valley Water Board staff continues to be very active in the compliance and enforcement areas. Staff is consistently using the progressive enforcement approach, as demonstrated by the good mixture of formal and informal enforcement actions used throughout the programs. A cursory review of the data demonstrates that the Central Valley Water Board contributed over 40% to the total of statewide efforts to achieve compliance with the water quality requirements.

California Integrated Water Quality System (CIWQS 6.3) - Build Number: 11.04.2010.09.20.00 - Windows Internet Explorer

**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY**  
**STATE WATER RESOURCES CONTROL BOARD**

California Integrated Water Quality System Project (CIWQS)

**ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION**

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

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

SEARCH CRITERIA: [\[REFINE SEARCH\]](#)  
 Status (Active, Historical, Withdrawn) Occurred on or after **01/01/2010** Occurred on or before **12/31/2010**

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	SETCO	STP	TSO	UNK	VER	TOTAL*
1	4	56	29	10	8	3	0	0	12	0	5	0	0	0	0	0	128
2	3	0	0	58	3	0	9	1	41	0	10	0	0	0	0	0	131
3	1	5	2	2	0	0	1	0	20	0	3	0	1	1	1	10	47
4	1	2	2	53	0	0	47	3	41	8	1	1	0	1	0	0	160
SF	15	0	0	0	0	0	0	1	168	0	58	0	0	4	0	71	317
SR	3	3	0	3	0	7	1	1	28	0	28	0	0	3	4	13	94
SS	23	111	26	31	0	4	0	0	290	0	145	0	0	5	48	15	638
BT	1	0	0	0	4	0	0	0	2	0	12	0	0	0	1	6	26
BY	9	0	0	2	3	0	0	0	10	0	3	0	0	2	7	12	48
Z	12	0	0	11	0	4	0	0	7	0	93	0	0	0	0	0	127
8	1	221	37	8	0	0	0	24	10	0	227	1	0	0	50	1	580
9	4	64	20	13	0	0	0	0	66	0	122	0	0	0	0	4	233
STATEWIDE*	77	462	116	191	18	18	58	30	695	8	707	2	1	16	111	139	2,649

**ENFORCEMENT ACTION LOOKUP:**

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

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

The current report was generated with data as of: Sunday, November 07, 2010  
 Regional Boards are in the process of entering backlogged data.  
 As a result, data may be incomplete.

In addition, a significant number of enforcement actions were issued by other programs not currently tracked in CIWQS database. For example, programs such as Underground Storage Tanks, Irrigated Lands Regulatory Programs, Site Cleanup, issued numerous formal and informal enforcement actions during the first ten months of 2010.

### Enforcement Prioritization

In concordance with the new Enforcement Policy, Regional Water Board senior management discussed ways to enhance the enforcement prioritization process implemented by the Central Valley Water Board. This action is part of the statewide coordinated effort to implement the directives of the new enforcement policy. Staff continues to enhance the enforcement prioritization process so it addresses the requirements of the Enforcement Policy and matches the specific characteristics of the Central Valley Water Board.

### Transparent Access to Enforcement Information

In order to increase the transparency of our enforcement activities, formal enforcement actions, such as Administrative Civil Liabilities Complaints or Orders, are posted on our website within a short time of their issuance. They can be accessed through the main webpage by going to the [Board Decisions](#) tab or by accessing the [Enforcement](#) link found on the home page. On the same Enforcement page staff posts on a quarterly interval an [Enforcement Action Summary Report](#) for the enforcement activities issued by the core regulatory programs, NPDES, Subchapter 15, Non Chapter 15, Storm water, and 401 Water Quality Certification.

The State Water Resources Control Board issued a summary enforcement report quarterly update as mandated by section 13385 of the Water Code [http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/docs/13385o\\_20093q.pdf](http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/13385o_20093q.pdf) Although the report covers activities performed under only one of the core regulatory programs, NPDES, it demonstrates the level of effort and results achieved.

The State Water Board issued the third iteration of the Annual Enforcement Report that demonstrates the progress made and some of the challenges facing the Water Boards when addressing compliance and enforcement issues for a number of core regulatory programs.  
[http://www.waterboards.ca.gov/water\\_issues/programs/enforcement/docs/annl\\_rpt2009.pdf](http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/annl_rpt2009.pdf) Furthermore, additional performance data for enforcement can be found at [http://www.waterboards.ca.gov/about\\_us/performance\\_report/](http://www.waterboards.ca.gov/about_us/performance_report/)

These activities meet the objective to improve the transparency and accountability of the Water Boards activities by demonstrating the results achieved with respect to the goals and resources available, as outlined in one of the goals of the State Water Board's Strategic Plan.

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

1. **Sanitary Sewer Overflow, City of Oroville, Butte County**  
On 6 October 2010, the City of Oroville reported that a Category 2, 70-gallon sanitary sewer overflow, resulting from root intrusion. The City reported that all 70 gallons were recovered, the surrounding area was cleaned up, and the sewer main was inspected with a CCTV. (KB)
2. **Sanitary Sewer Overflow, City of Redding, Shasta County**  
On 24 October 2010, an SSO from the City of Redding's collection system occurred as a result of a blockage in the sewer, and high inflow and infiltration during very heavy rainfall. The overflow discharged approximately 19,000 gallons to Linden Creek, a tributary of the Sacramento River. The City responded and cleared the blockage, but none of the overflow could be recovered. Water quality sample results and a final report are pending. (BJS)
3. **Sanitary Sewer Overflow, Red Bluff, Tehama County**  
On 27 October 2010, the City of Red Bluff reported a 50-gallon, Category 2, sanitary sewer overflow, resulting from root intrusion. The surrounding area was cleaned-up and the sewage line was inspected with a closed circuit television camera-CCTV. (KB)
4. **Treated Final Effluent Spill, City of Stockton, San Joaquin County**  
On 10 September 2010, the City of Stockton experienced an internal spill of secondary treated wastewater at its Regional Wastewater Control Facility. The spill occurred after a plant shutdown for tertiary filter maintenance. The overflow quickly soaked into the dirt areas and no discharges to surface waters or drainage ditches occurred. The estimated spill volume was 10,000 gallons. The spill was initially reported as secondary effluent but was later changed to treated final effluent. The Discharger completed appropriate regulatory notifications. Staff is evaluating appropriate enforcement actions. (AMP)
5. **Raw Sewage Spill, Sacramento Area Sewer District, Sacramento County**  
On 14 October 2010, the District was notified of an SSO near 5941 Oleander Drive in Fair Oaks. They arrived to find sewage flowing from a manhole. An estimated 4,880 gallons of sewage spilled into a nearby storm drain that runs to Verde Cruz Creek. The cause was identified as a root blockage in the main line. The District used sandbag dams to contain the overflow and de-chlorinated water to rinse the contaminated water from the storm drain and Verde Cruz Creek. The rinse water was removed with a vacuum truck and returned to the sewer system. Following the overflow, the Discharger posted signs in the area to notify residents and visitors of the potential health hazard associated with the spill. Rinsing and recovery operations continued until field water samples at the downstream sandbag dam did not indicate sewage contamination. Staff is evaluating appropriate enforcement actions. (AMP)
6. **Raw Sewage Spill, Sacramento Area Sewer District, Sacramento County**  
On 26 October 2010, the District was notified of an SSO at 2636 Fulton Avenue. They arrived to find sewage flowing from a private clean-out due to a blockage. An estimated 1,420 gallons of sewage spilled into a nearby parking lot and reached Chicken Ranch Slough. The District used sandbag dams to contain the overflow and de-chlorinated water to rinse the contaminated water from Chicken Ranch Slough. The waterway was rinsed and the overflow and rinse water were removed with a vacuum truck and returned to the sewer system. Rinsing and recovery operations continued until field water samples at the downstream sandbag dam did not indicate sewage contamination. Staff is evaluating appropriate enforcement actions. (AMP)
7. **Combined Sewer System Spill, City of Sacramento, Sacramento County**  
During the 24 October 2010 storm event, a malfunction at the City's Combined Sewer System Pioneer Reservoir occurred at the same time that an authorized discharge to the Sacramento River was initiated. The malfunction caused the reservoir to flood the facility control room, laboratory, and site parking lot. The malfunction disabled the treatment component of the reservoir and forced the City to operate in manner that is not authorized under its NPDES permit in order to handle the storm event flows. Under normal operating conditions during a storm event of this magnitude, combined flows of sewage and storm water would be treated and discharged from both the Pioneer Reservoir facility and the Combined Wastewater Treatment Plant. However, the City had to stop flows going to

Pioneer Reservoir and reduce flows going to the Combined Wastewater Treatment Plant to prevent the plant from being overwhelmed by storm water. The City appropriately notified CalEMA of a 10,000 gallon spill; however, CalEMA incorrectly notified agencies that 10 million gallons had spilled.

The City responded by cleaning the sewage that spilled into the parking lot and beginning an investigation into the malfunction. The City has submitted an outline of the planned changes to its flow management strategy which it will follow until the Pioneer Reservoir is repaired. Staff is working with the City to ensure that the City is prepared to handle future storm events. Staff is also evaluating appropriate enforcement actions. (AMP)

8. **Chlorinated Effluent Spill, Nevada County Sanitation District 1, Nevada County**

On the morning of 1 September 2010, the Discharger was notified of chlorinated effluent discharging from the Lake Wildwood Wastewater Treatment Plant in Penn Valley. The standby operator arrived and diverted the effluent to an emergency storage basin. Between 2:50 am and 03:30 am, 9,600 gallons of effluent discharged into Deer Creek. Chlorine residual was measured as 4 mg/L in the diverted effluent. The operators walked downstream of the discharge point and found no evidence of impact to wildlife in Deer Creek. The cause was identified as bio-fouling of the continuous sulfide analyzer. Staff is evaluating appropriate enforcement actions. (SMJ)

## SITE CLEANUP/LEAKS

1. **Crown Cleaners, 8039 N. Cedar Avenue, Fresno, Fresno County**

Crown Cleaners is an active dry cleaning facility and tetrachloroethene has been detected in soil gas beneath the site. A work plan for assessment at the site was submitted and approved with an assessment report due 30 June 2010. An Overdue Response letter was sent 20 July 2010 with a report due by 20 August 2010. No report was received. On 16 September 2010, an Order under section 13267 of the California Water Code was issued to Ken Beaston, owner and operator of Crown Cleaners. An assessment report on impacts of volatile organic compounds to soil is due 3 December 2010. (JA)

2. **Facility Partners, LLC (Former Sequoia Voting Systems), Exeter, Tulare County**

The subject site historically operated as an industrial facility that printed a variety of materials ranging from voting ballots to canned food labels. Past operations and practices at the site resulted in the release of chlorinated hydrocarbons to underlying soil and groundwater from unlined disposal ponds. Hydrogeologic investigations indicate that the natural biodegradation of groundwater has greatly diminished. In addition, analytical data indicate that the plume may be migrating further off-site. Staff is working with the discharger to provide hydraulic control of the plume and to develop a modified remediation strategy for the site. (AM)

## DELTA ACTIVITIES

The Bay-Delta Strategic Workplan outlines Water Board activities to protect beneficial uses in the Delta. Below is a summary of the progress on the Central Valley Water Board's workplan tasks.

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

Aquatic Science Center (ASC) staff and Regional Board staff continue to develop a communication product, the "Pulse of the Delta," focusing on RMP management, ammonia, pyrethroids, and chemicals of emerging concern. The first draft of the articles is complete and they've been structured around the theme of "Re-thinking Monitoring in the Delta." ASC staff is clarifying details and adjusting formatting. Stakeholder review will begin shortly.

The RMP planning team met with a representative from CVCWA and State Water Board staff working with CEDEN and CIWQS to discuss the use of Delta dischargers as a pilot for entering all data into one database. Potential challenges with communication and databases were discussed and internal coordination among programs is beginning. (MES)

### 2. **Toxicity**

The three contracts mentioned in previous EO Reports (pesticide toxicity, sediment toxicity identification evaluation tool development, and American River pyrethroid monitoring) are underway and study plans have been developed. Work has been initiated and reports will be made at the upcoming Contaminant Work Team (CWT) meeting, 17 November. Three additional studies are being developed for the upcoming year, and they will also be vetted through the CWT.

Study development, funding, and prioritization will be discussed at the next CWT meeting. This discussion will largely encompass findings from the recent Bay-Delta Science Conference. (SF)

## TMDL/BASIN PLANNING

### 1. **San Joaquin River Dissolved Oxygen TMDL Implementation**

A few years ago, the Department of Water Resources (DWR) installed an aeration facility to see if it could be operated to raise dissolved oxygen concentration in the Deep Water Ship Channel to meet the current 6.0 mg/L water quality objective. The two-year demonstration phase for the aeration facility has come to an end. The facility will no longer be operated this year under DWR's demonstration project contract. The future operation of the aeration facility is dependent upon an entity or group of entities taking ownership. At a subsequent Board meeting DWR would like to give a presentation on the demonstration aeration project. (CJ)

### 2. **Clear Lake Mercury TMDL Update**

The Clear Lake Mercury TMDL requires periodic reviews (every 5 years) by Water Board staff on progress towards meeting the fish tissue objectives for Clear Lake. In developing an update report, staff worked extensively with stakeholders to ensure their accomplishments were included in the update and to address their concerns and questions. The update provides a status report on TMDL implementation. The update is available at [http://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/clear\\_lake\\_hg/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/clear_lake_hg/index.shtml). (GS)

### 3. **Central Valley Pesticide TMDL and Basin Plan Amendment**

In September 2010, the final pesticide water quality criteria derivation methodology developed by UC Davis was published in the scientific journal *Reviews in Environmental Contamination and Toxicology*, volume 209 (the entire volume was dedicated to the UC Davis methodology. The TMDL program funded and oversaw the development of this methodology as part of the Pesticide TMDL and Basin Plan Amendment project. The journal publication is an edited and condensed version of the UC Davis methodology released in September, 2009. The water quality criteria derived using this methodology are concentrations of a pesticide in water which are protective of aquatic life based on a review of current scientific information. Water quality criteria are not established water quality standards until they are adopted by the Regional Board as part of a Basin Plan amendment in compliance with all applicable laws and regulations, which require consideration of additional factors such as costs and attainability.

For more information about the derivation of pesticide water quality criteria, and the Central Valley Pesticide TMDL and Basin Plan Amendment project please see: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/central\\_valley\\_pesticides/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/index.shtml) (DM)

## **SALINITY AND CV SALTS**

### **Executive Committee**

The CV-SALTS stakeholder's is actively engaged in developing an overall policy and framework aimed at keeping the CV-SALTS Initiative focused and moving forward. The activities will include updates to the CV-SALTS workplan, aligning it with the current budget and anticipated deadlines over the next two years. Scopes of Work are being developed for Administrative and Technical Program Coordinators to oversee, facilitate and implement the soon-to-be-updated workplan. As the policy, framework and workplan move forward, the stakeholders continue their efforts to develop salinity objectives on the San Joaquin River upstream of Vernalis; a framework for salt source and fate studies; and a screening mechanism for management practices that will be potentially useful in reducing salt and nitrate. In addition, Phase I of the Beneficial Use and Objectives Study is under final review. The initial phase produced a beneficial use geodatabase and technical memorandum, technical memoranda on salt and nutrient objectives as listed in the Basin Plans, and salt and nutrient objectives linked to beneficial uses.

## GENERAL

### 1. **SWAMP Summary Toxicity Report**

The statewide SWAMP effort has prepared a short summary report on toxicity in California waters. The report uses SWAMP-compliant data currently available at the California Environmental Data Exchange Network ([www.ceden.org](http://www.ceden.org)), which includes Central Valley Water Board SWAMP data collected between 2001-2007 and selected ILRP data collected between 2003 and 2007. Based on the available data, the report briefly summarizes the magnitude of toxicity, associated land uses, and ecological impacts. In addition the report provides a comparison between current statistical methods used to determine toxicity and the new EPA Test of Significant Toxicity proposed for use. The summary report will be made available on the SWAMP website at: [http://www.waterboards.ca.gov/water\\_issues/programs/swamp/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/swamp/index.shtml). A more detailed interpretative report will be released in 2011.

### 2. **eSMR Training for Electronic Self-Monitoring Reports**

The Sacramento Office continues its implementation of eSMR for the electronic submittal of self-monitoring reports, with support and assistance from the State Water Board Office of Information Management and Analysis (OIMA). On 13 October 2010, OIMA staff and Regional Board staff provided an in-depth eSMR training to approximately 45 representatives from 15 facilities. All of Sacramento's major NPDES facilities have now been trained to submit electronic monitoring reports. Staff has found that it is taking most facilities about seven months to make the transition from paper to electronic reports. Currently, about 24 facilities (half of the majors) have successfully completed the transition to eSMR. (VRV)

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

### **Long-term Program / Environmental Impact Report (EIR)**

In September, four public workshops were held throughout the Central Valley to discuss the Draft Programmatic Environmental Impact Report (PEIR), Economics Report, and recommended long-term ILRP for regulating waste discharges from irrigated agricultural lands. Workshop dates and locations were as follows: September 8<sup>th</sup> – Tulare; September 9<sup>th</sup> – Modesto; September 10<sup>th</sup> – Rancho Cordova; September 10<sup>th</sup> – Chico. Written comments on the Draft PEIR were due on 27 September. Comment letters from agencies and water quality coalitions are posted on the Central Valley Water Board's website 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).

On 26 October and 2, 8 November, respectively, staff held preliminary discussions to discuss potential steps in the implementation of the recommended long-term ILRP with the East San Joaquin Water Quality Coalition, San Joaquin County and Delta Water Quality Coalition, and California Rice Commission.

The next major milestones of the project include circulation of a Final EIR and recommended long-term ILRP in early 2011. The Final EIR and recommended ILRP will be considered for certification at the 6/7/8 April Central Valley Water Board hearing. Orders to implement the long-term ILRP are proposed to be developed for Board consideration during the year following Board certification of the PEIR. (AL)

### **Compliance & Outreach - Exemption Claim Inspections**

In September and October 2010, Central Valley Water Board staff completed 59 inspections to verify landowner exemption claims to the ILRP. Landowners can respond to ILRP staff's postcards or 13267 Orders by claiming their land is not used for agriculture, not irrigated, or that it has no irrigation tail water or storm water runoff (no waste discharges to surface waters). These claims create a need for verification inspections, which staff regularly conducts. Staff verified that lands associated with 55 inspections were exempt from regulatory coverage under the ILRP. The outcome of the remaining inspections is pending further investigation. (BLS)

### **Enforcement**

#### **California Water Code section 13267 Orders & Notices of Violation**

In September, the Executive Officer issued 18 and 26 Notices of Violation (NOVs) to landowners in Contra Costa and Colusa Counties, respectively. The NOVs were issued to potential owners of irrigated lands who first received a CWC §13267 Order, but failed to submit a technical report.

In October, the Executive Officer issued 73 CWC §13267 Orders to potential owners of irrigated lands in Butte County. These Orders were issued to landowners who first received an outreach postcard and subsequently did not respond.

Also in October, the Executive Officer issued 50 CWC §13260 Orders to irrigated lands dischargers who received Executive Officer approval to join a grower water quality coalition, but have not done so to date. These dischargers are located in the East San Joaquin Water Quality Coalition area and the San Joaquin County & Delta Coalition area.

On 29 October, the Executive Officer and staff met with representatives from the California Cattlemen's Association (CCA) to discuss concerns regarding the issuance of CWC §13267 Orders to their members. One of the concerns is that the postcards and Orders may not be clear that recipients should respond to the postcard or Order, even if they do not believe they discharge. CCA will provide suggested language to help clarify this issue. (BLS/WO)

## **Coalition Groups**

### **California Rice Commission (CRC)**

On 26 August, Regional Water Board staff met with the CRC to answer questions regarding a potential CRC Order for the long-term ILRP specific to rice operations. The CRC has brought up questions that will be relevant to whatever form the long-term ILRP will take.

On 1 October, Regional Water Board staff met with the CRC and stakeholders to discuss the 2010 monitoring results for the Rice Pesticides Program. The CRC will be providing more information on the 2010 results in its Annual Monitoring Report (AMR) due 31 December. (MW)

### **East San Joaquin Water Quality Coalition (ESJWQC)**

On 20 October, staff received a revised MRP Plan and QAPP. The updated MRP Plan and QAPP consolidate the approved amendments since the September 2008 MRP Plan approval, typographical errors, and updates of some laboratory analytical methods.

On 26 October, staff met with the ESJWQC to answer questions regarding a potential ESJWQC Order for the long-term ILRP. Some of the items discussed included surface and groundwater requirements under the proposed structure of the long term program. The Coalition is planning to meet again with staff to discuss in more detail some of the long-term program's proposed groundwater requirements. The next meeting will be schedule for January 2011.

On 1 November, the Coalition submitted the San Joaquin River Chlorpyrifos and Diazinon TMDL Annual Monitoring Report (Annual SJR C-D Report) based on 2010 monitoring conducted by the East San Joaquin Water Quality Coalition and the Westside Coalition at the six compliance points. Staff will be reviewing the 2010 Annual SJR C-D Report and submitting comments.

On 2 November, staff held the ninth quarterly meeting with the Coalition to discuss progress in implementing the Coalition's Management Plan. (DLH)

### **Goose Lake Coalition**

The ILRP's Technical Issues Committee (TIC) decided that *E. coli* management plans are an issue of highest concern for all coalition groups and a Pathogen Focus Group formed to develop a regional *E. coli* Management Plan. As a result, the Goose Lake Coalition's Lassen Creek Management Plan for *E. coli* has been deferred. When the Pathogen Focus Group has developed an acceptable regional approach, the Goose Lake Coalition will review their management plan, make revisions as needed, and resubmit their plan for approval. It is expected that the Goose Lake Coalition will participate in the TIC's development of a regional approach to address *E. coli* Management Plans. (BL)

### **Pleasant Valley Coalition**

On 5 October 2010, a Memorandum of Agreement was signed between Westlands Coalition and Pleasant Valley Coalition allowing Pleasant Valley irrigating landowners to join Westlands Coalition. Westlands Coalition is scheduled to submit an updated participant list that includes the additional irrigating landowners on 1 January 2011. (BV)

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

On 30 September Susan Fregien and Mark Cady met with representatives of the SVWQC for the quarterly review of the Sacramento Valley Management Plan. We heard presentations from John Currey, Dixon RCD and Yolo-Solano subwatershed representative, and Jim Cornelius, Sutter RCD and Butte-Sutter-Yuba subwatershed. Both representatives reported on outreach efforts in each of their areas that are addressing Coalition Management Plan elements. The remainder of the meeting centered on an examination of monitoring schedules for Sacramento Valley waterways in 2011. In two follow up meetings on 13 and 27 October, Susan Fregien and Mark Cady reviewed with Bruce Houdesheldt, NCWA and Claus Suverkropp, Larry Walker Associates, the status of Management Plan tasks to be completed by the end of 2010.

During this reporting period the Regional Water Board approved the completion of two Sacramento Valley Management Plans: Toxicity to *Ceriodaphnia* in Laguna Creek in the Sacramento-Amador subwatershed, and Chlorpyrifos in Coon Creek in the Placer-Nevada-South Sutter-North Sacramento subwatershed. Toxicity in Laguna Creek had not been identified again since early 2007 (after 19 sampling events) and chlorpyrifos had not been detected in Coon Creek since 2005. Also, the latest QAPP for the SVWQC received final approval in September. (MC/SF)

### **San Joaquin County and Delta Water Quality Coalition (SJCDWQC)**

On 24 August, staff sent the SJCDWQC staff's review of their April 2010 Management Plan Update Report. The Coalition provided the necessary information for the components of the Management Plan Update Report, Basin Plan – TMDL requirements, with only minor omissions.

On 20 October, staff received a revised MRP Plan and QAPP. The updated MRP Plan and QAPP consolidates the approved amendments since the September 2008 MRP Plan approval, repairs typographical errors, and revises some laboratory analytical methods.

On 2 November, staff held the ninth quarterly meeting with the Coalition to discuss progress of implementing the Coalition's Management Plan. (CJ)

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

On 1 November 2010, staff received an addendum to the SSJVWQC draft Quality Assurance Program Plan (QAPP) intended to address missing elements described in a 13 September 2010 staff email. The draft QAPP and QAPP addendum are currently under staff review. (BV)

### **Westlands Coalition**

Staff reviewed the Westlands Coalition Quality Assurance Program Plan (QAPP) and completed the associated QAPP review checklist. On 9 November 2010, staff sent the Westlands Coalition QAPP and review checklist to the Central Valley Water Board Quality Assurance Officer (QA Officer). The QA Officer will review the QAPP, request changes as needed, and grant final approval of the document. (BV)

### **Westside Coalition**

On 20 October, Staff sent the Westside Coalition staff's review of their June 2010 Non-Irrigation Semi-Annual Monitoring and Management Plan Report review. The Coalition provided the necessary information for the components of the SAMR, Management Plan Update Report, and Basin Plan – TMDL requirements, with only minor omissions.

On 28 October, A. Marc Commandatore and Susan Fregien met with Coalition representatives Joe McGahan and Chris Linneman to discuss quarterly updates to the Coalition Management Plan and Focus Plan's for Hospital Creek, Ingram Creek, Del Puerto Creek, Westley Wasteway, and Orestimba Creek watersheds.

On 2 November, A. Marc Commandatore attended the Coalition's monthly water quality meeting in Los Banos. (AMC)

### **Water Districts with Regulatory Coverage under the Individual Conditional Waiver Order**

#### **Merced Irrigation District**

Staff completed its review of the annual monitoring report and has submitted comments to the Irrigation District. (DLH)

#### **Modesto Irrigation District**

Staff is currently reviewing the annual monitoring report. (DLH)

## Data Management

Data reports received through September 1<sup>st</sup> 2010 that arrived in an electronic SWAMP comparable format are currently being prepared for loading into a California Environmental Data Exchange Network (CEDEN) comparable daughter database provided by the Central Valley Regional Data Center (CV RDC). These reports and future data sets will be sent to the CV RDC to be uploaded into CEDEN for state-wide assessment efforts. Data loading for larger coalitions has begun for sets starting with those received in June 2009.

Datasets submitted prior to June 1<sup>st</sup> 2009 are being processed for loading by the CV RDC as a historical data project. These datasets were initially processed by the ILRP and are at various stages of readiness for loading. The CV RDC, funded by a portion of SWAMP funds, have been contracted to complete the processing and begin loading priority sets. Progress will be overseen by ILRP staff.

The consolidated ILRP data warehouse project is complete and was released to staff in August. The data warehouse consolidated and formatted older data to be combined with newer SWAMP formatted data being received. This warehouse allows rapid and large scale data analysis to be performed for the program on a time line much shorter than waiting for all the historical data to be SWAMP formatted. The San Joaquin Watershed SWAMP unit provided assistance in this project. An outside contractor was hired to design queries and tools to assist staff with data analysis. The analysis queries and tools were completed in September. (MM)

## MOU Pilot Program

The Quarterly Report for the third quarter (July-September) of 2010 is being reviewed and should be posted on the ILRP website by the end of November. Staff has sent in requests to extend the MOU Pilot Program contracts, at no added cost, to 31 March 2011. The contract extensions are in the process of being approved by Butte and Glenn Counties. (MW)

## Prop 84 Grant Funding

This grant was awarded to the Coalition for Urban/Rural Environmental Stewardship (CURES) who will provide program management for the implementation of management practices to address water quality exceedances identified in the Central Valley due to agricultural sources. The draft grant agreement has undergone legal review due to requested changes by CURES, and the Scope of Work is now being reviewed by the Division of Financial Assistance. (MW)

### ILRP Staff Initials Key:

AL	Adam Laputz	DLH	Dania Huggins	MC	Mark Cady
AMC	A. Marc Commandatore	DS	David Sholes	MM	Melissa Morris
BL	Ben Letton	GPC	Gail Cismowski	MW	Margaret Wong
BLS	Brett Stevens	JEC	Jeanne Chilcott	RJS	Rudy Schnagl
BV	Brent Vanderburgh	JK	Joe Karkoski	SF	Susan Fregien
CJ	Chris Jimmerson	JRM	Jim Martin	TB	Terry Bechtel
CR	Clay Rodgers	KWE	Kerry Elliot	WO	Wesley Ouimette
DK	Dana Kulesza	LW	Lisa Wilson		

## STAFF RECOGNITION

### JULY EMPLOYEE OF THE MONTH RECIPIENTS

#### SACRAMENTO OFFICE

**Candidate:** Jim Brownell  
**Unit:** Federal Facilities Unit  
**Title:** Engineering Geologist  
**Supervisor:** Robert Busby

Jim Brownell worked effectively and persuasively with staff from US EPA and other state agencies to acquire interagency support for remediation of a toxic pesticide plume in groundwater beneath the DDJC Tracy Facility - a Federal Superfund site. This technically challenging project required Jim's commendable patience and attention to detail. He devoted extra time while maintaining his normal workload commitments. Consensus among Water Board staff, the discharger and staff from the US EPA and Department of Toxic Substances Control on inclusion of the remedy into a binding agreement ensures that the plume will be cleaned-up in a timely and efficient manner.

**Candidate:** Michelle Wood  
**Unit:** Mercury TMDL Unit  
**Title:** Environmental Scientist  
**Supervisor:** Patrick Morris

Michelle Wood is being nominated as an outstanding employee for her tireless efforts and dedication to the development and completion of the Delta methylmercury TMDL. Michelle has been the lead developer for the technical aspects of the Delta TMDL and the main author of the technical reports and supporting documents the TMDL, including an extensive and thorough CEQA analysis that evaluated the environmental impacts of the TMDL. The final staff reports that the Board approved were over 900 pages long.

The Delta TMDL project would not have been ready for Board adoption at this past April's hearing without Michelle's extraordinary efforts to organize and respond to over 30 public comment letters that arrived just a couple of weeks before the hearing.

During the development of the Delta TMDL, Michelle brought a tremendous amount of technical expertise, experience, insight, and common sense to the mercury control program. Michelle always applies sound analytical skills when reviewing data, situations, and information and then makes appropriate conclusions or recommendations. In addition, Michelle goes out of her way to help other staff and stakeholders with mercury issues and has a 'can do' attitude about all of her work.

#### FRESNO OFFICE

**Candidate:** Anthony Medrano  
**Unit:** Site Cleanup Unit  
**Title:** Water Resources Control Engineer  
**Supervisor:** Russell Walls

Anthony is a Water Resources Control Engineer in the Site Cleanup Unit. During July, Anthony completed the following work; closed a redevelopment agency site that will allow the property to be more productively used, issued 20 cost recovery annual estimate letters, inspected and completed inspection reports for four Title 27 facilities, and issued one Notice of Violation related to one of the Title 27 inspections. Anthony also oversees all file review requests that come to the Site Cleanup Unit. Anthony does an outstanding job of providing prompt and thorough customer service regarding these requests.

## REDDING OFFICE

**Candidate:** Kevin Kratzke  
**Unit:** North Regulatory Unit  
**Title:** Water Resource Control Engineer  
**Supervisor:** Bryan Smith

Kevin is a WRCE in the North Regulatory Unit of the Redding Office. He manages an extensive workload in the NPDES and Non-15 programs, and has particularly distinguished himself as one of the Redding office's most knowledgeable staff on many issues, including the Pesticides general orders, eSMR data submittal, computer and technology support, and the Fish Hatcheries general order. Kevin has a positive, friendly, thoughtful demeanor, and is a reliable, creative, and highly capable employee. Kevin's efforts and accomplishments provide excellent examples of professional, effective, and timely performance.

## AUGUST EMPLOYEE OF THE MONTH RECIPIENTS

### SACRAMENTO OFFICE

**Candidate:** Dan Worth  
**Unit:** 401 Water Quality Certification and MS4 Permit Unit  
**Title:** Environmental Scientist  
**Supervisor:** Diana C. Messina

Since joining the Regional Water Board in April of 2009, Dan has contributed to the success of keeping the Water Quality Certification program in the Sacramento office on track and providing exceptional responses and guidance to the 401 Certification applicants. Even though his 401 Certification Unit has gone through tremendous staff and management changes, Dan has successfully applied his strong fisheries background to handle certification of numerous projects, including those re-assigned to him. Dan happily carries out a wide spectrum of work for the Unit, from providing superior customer service through his response to continuous phone calls, to providing technical mentoring to staff within the office.

Dan is in charge of one of the most significant projects in our area, the Natomas Levees Improvement Project, an essential project funded through federal and state money and identified as a priority for our area for flood protection, providing jobs for the local economy and provides for significant protection and enhancements of the water quality in the area. Dan has established a good rapport with our counterparts in state and federal agencies to allow for the successful implementation of projects on public lands while protecting the state's environmental resources. In addition to his required workload, Dan dedicates his time to continuously improve the Unit's performance, from taking the lead to recruit and hire new students, enhancing our 401 Water Quality Certification Application template, providing better guidance to our applicants, and making the application process clearer and smoother for all.

**Candidate:** Mary Boyd  
**Unit:** C/E  
**Title:** WRCE  
**Supervisor:** Anne Olson

Mary Boyd manages a case load of almost 150 Non15 and Title 27 facilities. During the month of July, August and September 2010, Mary exceeded all performance expectations by completing inspections of eleven wastewater treatment facilities and the associated inspection reports. In addition, Mary reviewed and commented on several technical reports. Mary's work is thoughtful and thorough and she provides extensive mentoring to her student assistant.

**Candidate:** Anne Littlejohn  
**Unit:** Ag and Surface Water Assessment Unit  
**Title:** Environmental Scientist  
**Supervisor:** Jeanne Chilcott

Since June 2008, Anne has worked with the Aquatic Science Center (ASC) to create a user friendly, web-based, surface water monitoring directory for the Central Valley. From helping trouble shoot program language and tactfully suggesting structural changes, to loading current monitoring programs and recommending viewer interfaces, Anne was determined to deliver a successful product—and did. Released for public use in August, the directory contains information for 42 monitoring programs and over 1080 sites ([www.centralvalleymonitoring.org](http://www.centralvalleymonitoring.org)). The directory features a google map interface to allow easy sorting and download. Because of Anne's efforts, our Regional SWAMP monitoring efforts better coordinate with and support activities of other programs. In addition, the directory has been used to support the Delta Regional Monitoring Program and will be a valuable tool to develop coordinated regional monitoring efforts throughout the Central Valley and potentially throughout the state.

**Candidate:** Skyler Anderson  
**Unit:** 401 Water Quality Certification and MS4 Permit Unit  
**Title:** Environmental Scientist  
**Supervisor:** Diana C. Messina

Skyler uses his strong people skills to work closely with coworkers and brainstorms on ways to continuously improve the program. Since joining the Regional Water Board in January 2010, Skyler has been a quick learner, and has embraced the challenges of a new and complex 401 Cert regulatory program and the associated CEQA issues. He has been instrumental in expeditiously processing numerous Water Quality Certifications requested by the applicants "yesterday" without sacrificing quality. Skyler does not hesitate to take on complex projects, and as a consequence, he is our "point person" for PG&E and Caltrans projects that have inherent complexities and priorities for implementation. Skyler also does not hesitate in performing site visits for following up on complaints or for situations requiring staff's presence in the field on short notice.

Overall, Skyler's strong verbal communication skills and strong working relationships with applicants and our state and federal counterparts has made him successful in permitting Water Quality Certification projects that are protective of our water bodies and their beneficial uses.

## **FRESNO OFFICE**

**Candidate:** Ronald E. Holcomb  
**Unit:** Landfill and Composting Unit  
**Title:** Engineering Geologist  
**Supervisor:** Dane S. Johnson

Ron continues to work on difficult landfill projects necessary to preserve the quality of groundwater throughout the area administered by the Fresno office. During the month of July, Ron completed the efforts necessary for a quick revision of closure WDRs for the Arvin Landfill in Kern County; completed the tentative WDRs for the Westlake Farms Compost Facility in Kings County and issued the tentatives for public comment; completed an issues paper for revision of the WDRs for the Holloway Gypsum Mine Landfill in Kern County; assisted other landfill unit staff with engineering reviews of the Orange Ave., Woodville, and Fairmead landfills; and reviewed an engineering technical report for the Chem Waste Management facility in Kettleman Hills, Kings County, for the Chapter 15 unit. For these projects and his continued sustained efforts, Ron is recognized as the employee of the month.

## SEPTEMBER EMPLOYEE OF THE MONTH RECIPIENTS

**Candidate:** Camille Hang  
**Unit:** Enforcement 1  
**Title:** Staff Services Analyst  
**Nominator:** Joe Mello

Camille has worked as a Staff Services Analyst in the Underground Tanks Program since last October. During this time, she has provided administrative services not only for her unit, but also for the two other Storage Tank units and for staff in the Site Cleanup section. Not only does she edit and check about 100 pieces of correspondence each month, but she also supervises the students in the section. Her ability to quickly learn and implement the "Water Board ways" has earned her this recognition!

Camille is a very conscientious employee who strives to please all who work with or for her and the public. She keeps management informed of problems or other issues she needs help addressing. We are graced to have her working with us.

## FRESNO OFFICE

**Candidate:** Debra Mahnke  
**Unit:** NPDES / Storm Water / 401 WQC  
**Title:** Water Resource Control Engineer  
**Supervisor:** Matt Scroggins

Debra has consistently been a productive employee and continues to produce a large volume of outputs despite the additional demands placed on her once she became the lone staff for the Storm Water and 401 Cert programs. Debra effectively handled the transition to the new construction storm water permit, which became effective July 1<sup>st</sup>. The transition generated countless calls and emails, and Debra provided timely responses and good customer service. She stays on task and maintains unit organization, including tedious CIWQS entry, for programs consisting of approximately 950 storm water sites and 90 water quality certification sites. In addition, Debra routinely provides comments of CEQA documents for a variety of projects.

## REDDING OFFICE

**Candidate:** Jacqueline Matthews  
**Unit:** South Regulatory Unit  
**Title:** Engineering Scientist  
**Supervisor:** Greg Cash

Jacqueline's responsibilities include managing twenty-nine NON-15 sites, fourteen NPDES facilities and one SUB-15 facility. She is the leading staff member for over twenty fruit producer facilities in the South Unit. Jacqueline has been part of several joint inspections with the Butte County Department of Environmental Health, regarding the improper disposal of solid food processing waste. She has been instrumental in tracking down the responsible parties for these illegal disposal sites and requiring cleanup of those sites.

Jacqueline's efforts have helped the Regional Board ensure that surface and groundwater quality is being protected, by encouraging better compliance with regulatory requirements. She has been instrumental in working with the fruit producers in our Region, to inform them of the regulatory requirements for their disposal practices.

## PUBLIC OUTREACH

On 25 August, Danna Berchtold was a guest speaker at a Qualified SWPPP Developer (QSD)/ Qualified SWPPP Practitioner (QSP) training class in Redding. The State Board approved course satisfies the training portion of the training/certification process required by the General Construction Storm Water Permit.

On 8 September, Rich Muhl presented a SWPPP training class to 30 staff members from Tuolumne County. County departments represented at the class included public works, planning, and building inspection. The class covered the new Construction General Permit (CGP) requirements. Since the County staff works closely with local contractors, a thorough understanding of the new CGP requirements is important. The presentation was videotaped and will be presented to contractors and developers in Tuolumne County.

On 9 September, Stephanie Fong attended an IEP Management Team meeting. Topics of discussion included DWR's metadata catalog with EMP data, POD program updates, and review of Federal Task Force proposals.

On 14 September, Joe Karkoski participated in a conference call of the US EPA and State Ag Source Water Protection group, which is a national group of US EPA regions, headquarters, and representatives from the States. Joe provided an overview of the Central Valley Water Board's irrigated lands regulatory program.

On 16 September, Stephen Louie, Janis Cooke, and Patrick Morris held a stakeholder meeting for the lower American River and Lake Natoma methylmercury TMDL project. The group discussed adapting the guiding principles that were developed for the Delta methylmercury TMDL to the American River project. In addition, staff introduced a straw proposal that outlined elements of the TMDL and potential ideas for a Basin Plan amendment. After hearing from stakeholders that upstream sources of mercury should be part of this project, staff is expanding the scope of the project to include Folsom Lake and its tributaries. The next stakeholder meetings are scheduled for November 16 and 17.

On 17 September, Terry Bechtel met with Western Farm Service pest control advisors (PCAs) to discuss pesticide-related pollution issues, and coordination opportunities between Water Board staff, PCAs, and the PCAs' grower clients. The meeting was attended by eight PCAs and held in Vernalis.

On 22 September, Greg Cash was a presenter at the Northern Sacramento Valley Section of the California Water Environmental Association, regarding Sanitary Sewer Overflow program audits. The presentation detailed the audit procedure for checking compliance with the General Statewide Sanitary Sewer Order. Additionally, the electronic self-monitoring report submittal program was discussed for sanitary sewer overflows. There was significant discussion on the differences between a Category 1 and a Category 2 sanitary sewer overflow.

On 24 September, Phil Woodward moderated a morning tour for the Water Education Foundation Northern California Tour. The tour provides participants information on pressing water issues in Northern California. The tour discussed industrial impacts on water quality in the North State, including timber harvest activities, industrial discharges, and abandoned mines. A visit to the Iron Mountain Mine treatment plant concluded the morning session.

On 27 September, Margaret Wong attended a meeting for the Rice Leadership Development Program and gave a presentation on rice and water quality in California. Attendees were rice growers and handlers from California, Missouri, Louisiana, Arkansas and Tennessee.

On 29 September, Rich Muhl answered questions and gave the Regional Board perspective in a training class sponsored by BT Consulting and Scott Thorne, a Trainer of Record. The class was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSPs) on the implementation of the new Construction General Permit (CGP). Forty potential QSDs and QSPs attended the class which covered the curriculum developed by the CASQA training committee for the CGP. The CASQA training committee was made of representatives from all sections of the building industry, as well as regulatory staff. The training committee met for two years prior to the adoption of the permit and is still meeting to refine and implement the training process. As a result of this effort, QSPs receive 16 hours of storm water training and QSDs receive 24 hours of storm water training. Rich Muhl is an active member of the CASQA training committee.

On 30 September, Gen Sparks met with Save the Auburn Ravine Salmon and Steelhead (SARSAS) representatives to discuss potential water quality improvement projects for the Auburn Ravine and funding sources.

On October 5, Rich Muhl answered questions and presented a portion of one of the modules in a QSD/ QSP training class sponsored by Northern Geoscience. The class was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit. Ten potential QSDs and QSPs attended the class held in the City of Sacramento.

On 6 October, Terry Bechtel attended a pest control advisor meeting hosted by the California Association of Pest Control Advisors (CAPCA). Mr. Bechtel presented attendees with information on regional pesticide-related pollution issues, and coordination opportunities between Water Board staff, PCAs, and the PCAs' grower clients. The meeting was attended by 40 PCAs and held in Modesto.

On 6 October, Kim Schwab, Diana Messina and Dan Radulescu attended a Low Impact Development (LID) conference sponsored by the Dry Creek Conservancy. The conference was held at the restored Blue Goose Fruit Shed in the Town of Loomis. Participants included storm water staff from Placer County, Cities of Sacramento, Lincoln, Roseville, Rocklin, Auburn and Loomis, as well as, staff from Sacramento County and other stakeholders from the community. Speakers discussed *Initiatives to Mitigate Impacts of Urbanization, LID as a Tool to Address Climate Change, Green Infrastructure, LID Performance and Changing Codes/Ordinances to Accommodate LID*. LID includes specific techniques, tools and materials to control the amount of impervious surface, increase infiltration, improve water quality by reducing runoff from developed sites, and reduce costly infrastructure. LID practices include; bioretention facilities, rain gardens, permeable pavements, vegetated swales, and rain barrels/cisterns.

On 7 October, Joe Karkoski gave a presentation to the California/Nevada chapter of the American Water Works Association, a professional organization of drinking water treatment interests. The presentation focused on the current irrigated lands regulatory program (data availability) and the potential future direction of the program with respect to discharge to ground water.

On 7 October, TJ Kopschy began meeting weekly with staff from Reclamation, US Fish and Wildlife, DFG, NMFS, and US EPA to discuss the level of flows, ground water monitoring, and surface water monitoring of the San Joaquin River Restoration Project.

On 7 October, Bryan Smith and Dan Warner attended the City Council meeting for the City of Dunsmuir and answered questions regarding regulation of the City's wastewater treatment plant.

On 11 October, Ben Letton attended a pre-project meeting with the Burney/Hat Creek Community Forest and Watershed Group. The meeting was held in Burney Gardens tract with representatives from PG&E, CDFG, DWR, private foresters and Regional Board staff. Mr. Letton responded to questions about the 401 Water Quality Certification process and requirements for a meadow restoration component of the proposed project.

On 12 October, Rich Muhl presented the introduction module during a QSD/ QSP training class sponsored by Youngdahl Consulting Group. The class was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit. Forty potential QSDs and QSPs attended the class held in El Dorado Hills.

On 20 October, Robert Ditto proctored the qualified SWPPP developer (QSDs) and qualified SWPPP practitioner (QSP) test. The test for 30 people was held in the training room at the Regional Board office in Sacramento. The new construction General Permit requires that QSDs and QSPs take the required class and pass a written test. This test is based on the General Permit requirements and will be held at the State Board and Regional Board offices on a regular basis for the first year of the permit term.

On 20 October, Jerry Bruns, Chris Foe, and Stephanie Fong attended a presentation by Pat Glibert and the State and Federal Association of Water Contractors. The presentation was on Dr. Glibert's additional information supporting her hypothesis that nutrient ratios can explain the current state of Delta.

On 20 October Alex MacDonald provided training via the internet for the Perchlorate Team of the ITRC. Alex was one of four instructors for the 1.5 hour training on the ITRC document *Remediation Technologies for Perchlorate Contamination in Water and Soil* (March 2008). This was the last of six internet training provided

from 2008 to the present. The training is provide free of charge to regulators, consultants, academia and other interested persons nation wide.

On 20 October, Robert Crandall, Bryan Smith, and Clint Snyder attended the Board of Directors meeting for the Rio Alto Water District to discuss options for facility improvements at the Lake California Wastewater Treatment Plant.

On 21 October 2010, Christine Joab, Stephanie Fong, and Patrick Pulupa attended the SJR DO TMDL TWG meeting. Staff provided an update on the TMDLs conditional prohibition of discharge and the various actions the Regional Board is contemplating to enforce the prohibition. In addition, staff provided a brief update on the Downstream Studies, and Dr. Russ Brown of ICF International presented capabilities and limitations of the Demonstration Aeration Facility.

On 21 October, Rudy Schnagl and Jeanne Chilcott attended the Environmental Compliance and Permitting Workgroup for the San Joaquin River Restoration Program. The group is responsible for reviewing and commenting on proposed efforts as part of the restoration effort in order to identify potential conflicts and permitting issues in order to facilitate timely success of the overall project.

On 25 October, Rich Muhl presented the introduction module during a QSD/ QSP training class given by Storm Water Resources. The class was designed to train qualified SWPPP practitioners (QSP) and Qualified SWPPP Developers (QSDs) on the implementation of the new Construction General Permit. Twenty-five participants attended the class held in West Sacramento.

On 25 October, Danny McClure attended a Pyrethroid Reevaluation Stakeholder Meeting PRSM hosted by the Department of Pesticide Regulation (SPR). The PRSM meeting was attended by representatives from the State and Regional Water Boards, DPR, pesticide makers and pesticide applicators, and municipal storm water and wastewater dischargers who discussed efforts to reduce pyrethroids in surface water by DPR and the pesticide makers. At the meeting DPR announced that they plan to proceed with developing regulations to mitigate potential impacts to surface water caused by pyrethroid pesticides.

On 26 October, Anne Littlejohn and Calvin Yang had meetings with the South Yuba River Citizen's League and the Friends of Deer Creek in Nevada City, CA to demonstrate the new Central Valley Monitoring Directory ([www.centralvalleymonitoring.org](http://www.centralvalleymonitoring.org)) and solicit feedback.

On 27 October, Joe Karkoski gave a presentation at the USDA NRCS (Natural Resource Conservation Service) California conference. Joe provided an overview of the irrigated lands regulatory program and discussed opportunities for NRCS and Central Valley Water Board to better coordinate our efforts.

On 27 October, Stephanie Fong participated in Storm water Toxicity Testing Workgroup meeting. The main topics of discussion were logistics of event monitoring and toxicity identification evaluations. The group is drafting guidance for State Board to help implement their storm water toxicity monitoring requirements. On November 3, Rich Muhl presented the introduction module during a QSD/ QSP training class sponsored by Thunder Mountain Enterprises. The two day class was designed to train qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit.

On 3 November, Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group (CAG). The update highlighted the recently released Boundary Operable Unit Remedial Investigation/Feasibility Study and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. (AMM)

On 3 November, Danna Berchtold was again a guest speaker at a Qualified SWPPP Developer (QSD)/ Qualified SWPPP Practitioner (QSP) training class in Redding. The State Board approved course satisfies the training portion of the training/certification process required by the General Construction Storm Water Permit.

On 3 November, Kim Schwab attended the American Basin Council of Watersheds monthly meeting at the Roseville Corporate Yard. Their mission: *Watershed stakeholders meet in a voluntary and cooperative commitment to improve resource management and maximize collaboration among landowners, land users, recreational users, government agencies and conservation groups.* They cover the creeks in the western Placer County area. Guest speakers included Jay Simi and Danny McClure of the Central Valley Water

Board's 303(d) List and pesticides TMDL staff, respectively. They presented a summary of the 303(d) List Integrated Reporting process, listing of status of creeks in Placer County, and status of the pesticide Basin Plan Amendment. The stakeholders are concerned about new pesticides found in sediment.

On 4 November, Danny McClure, Jay Simi and Kim Schwab attended an American Basin Council of Watersheds (ABCW) meeting in Roseville to discuss the 303(d) list of impaired waterbodies, the Central Valley Pesticide TMDL and Basin Plan Amendment, and pyrethroid pesticides.

On 4 November, Kim Schwab, Skyler Anderson and Dan Radulescu participated in the Wetland and Riparian Area Protection Policy – Phase I Implementation - Identifying Potential Benefits, Barriers, and Solutions workshop hosted by the State Water Resources Control Board. The State Water Board is developing a statewide wetlands policy. The goal is to protect all waters of the state, including wetlands, from impacts of discharges of dredged or fills material. The policy has significant potential implications on other regulatory areas overseen by the Water Boards, such as controlling the quality of storm water runoff from urban development or redevelopment, TMDLs implementation, groundwater recharge and hydromodification, climate change, to name a few.

On 5 November, Ken Landau and Diana Messina attended a Principles meeting regarding the South Sacramento Habitat Conservation Plan. Executive managers from resource and regulatory agencies, and from Sacramento County and Cities of Elk Grove and Rancho Cordova, discussed continued efforts to the proactive Habitat Conservation Planning efforts for proposed development in Sacramento County. Representatives of the California Department of Fish and Game, U.S. Fish and Wildlife Service, the Regional Board, the Army Corp of Engineers, and U.S. EPA discussed the potential implementation of the SSHCP to streamline permitting under the Endangered Species Act, the Clean Water Act (CWA), State regulations under the Porter-Cologne Act and the Fish and Game Code, and local government regulations. Further discussion included potential integration of CWA Section 404/Section 401 permitting.

On 8 November, Betty Yee and Kim Schwab attended the Del Paso Regional Park Wetland Dedication ceremony located in the Arcade Creek area in Sacramento. The wetland was part of a habitat enhancement project completed under a grant from U.S. EPA and a State Water Board Proposition 50 grant awarded to the City of Sacramento for \$930,000. Due to grant freezes and lack of management resources, the management of this project started at the Central Valley Regional Water Board but was completed by the State Water Board. The project was accomplished by the City of Sacramento Department of Utilities and its Arcade Creek Watershed partners. For more information, please go to: <http://dprpwetlanddedication.eventbrite.com/> In addition to constructing the wetland and an informational kiosk, the grant also funded community outreach, development of a watershed plan, and development and implementation of an invasive plant species management plan.

On 8 November, Phil Woodward gave a presentation and participated on a panel discussion regarding regulatory issues relevant to cleanup of abandoned mines at the Sierra Fund conference "Reclaiming the Sierra: A Community Summit on Mining Impacts"

On 8 November, Ben Letton and student intern Ashley Worth attended a Hat Creek Resource Advisory Committee meeting in Cassel. Meeting topics included: existing management plans and assessments; conservation objectives for future projects; monitoring and assessment future needs; PG&E financial commitment to projects; additional funding sources for restoration work; and permitting and regulatory requirements for future projects.

On 9 November, Kim Schwab attended the Bay Area Storm Water Management Agencies Association (BASMAA) monitoring committee meeting in Oakland. BASMAA was started in response to the Nation Pollutant Discharge Elimination System (NPDES) permitting program for storm water in an effort to promote regional consistency and to facilitate efficient use of public resources. The Central Valley and San Francisco Bay Water Board's share Contra Costa County; one third of the watershed flows to the San Joaquin River/Delta in the Central Valley and two-thirds of the watershed flows to the Bay. The Central Valley Water Board recently adopted an NPDES permit for the municipal separate storm sewer system (MS4) in east Contra Costa County. The permit is similar in nature to the San Francisco Bay Water Board's Municipal Regional Permit and provides an inter-region collaborative approach. In this regard, the Permittees have an opportunity to collaborate water quality monitoring activities through a regional monitoring collaborative directed by BASMAA.

On 15 November Alex MacDonald provided training via the internet for the Integrated DNAPL Source Site Strategy Team, of the ITRC. Alex was one of four instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (August 2010). This is the first of several training sessions on the document. The training is provide free of charge to regulators, consultants, academia and other interested persons nation wide.

## PERSONNEL AND ADMINISTRATION

Sept-Oct 2010

### Personnel:

<u>Total Positions</u>	<u>Vacancies</u>	<u>Gained</u>	<u>Lost</u>
248.6	22.1	0	2

### Gains:

None

### Promotions:

None

### Leave of Absence:

Amanda Montgomery, Senior Environmental Scientist  
Holly Grover, Environmental Scientist  
Stacy Gotham, Water Resource Control Engineer  
Elizabeth Lee, Water Resource Control Engineer

### Return from LOA:

Melissa Morris, Environmental Scientist

### Separations:

Daniel Schultz, Environmental Scientist  
Fred Kizito, Environmental Scientist

### Retirement:

Ronald Dykstra, Senior Water Resource Control Engineer (spec)

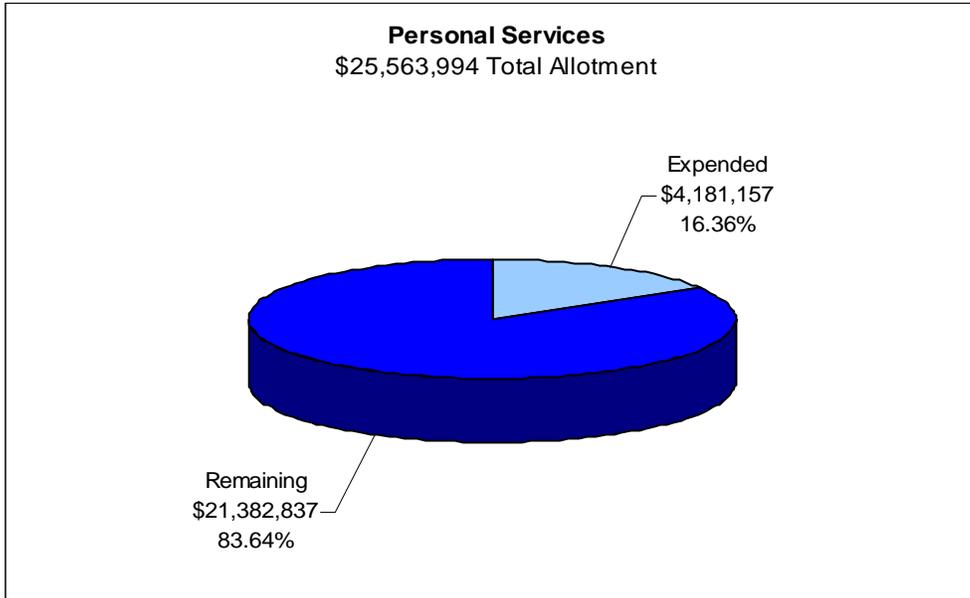
### TRAINING (8/15/2010 to 10/31/2010)

<u>Course Title</u>	<u># of Attendees</u>
Advanced Environmental Crimes Training	1
Advanced Tools for In-Situ Remediation Workshop	1
Bay-Delta Science Conference	7
CA Water Quality Law 101	5
Facilitation Level 3	1
General Permit Training - Construction	1
Low Impact Development	1
Media Training	1
Public Speaking	1
Public Speaking/Media Training	4
Seismic Design Review for PE	1
SF Estuary Meeting	1
Water Quality Assessment	1
Water Quality Regulation 101	12
Water Rights 101	3
Writing for Scientific Professionals: Grammar & Punctuation	15
Writing for Scientific Professionals: It's All About Structure	18
Writing for Scientific Professionals: Technical Editing	13

**FISCAL REPORT**  
**Based on August 2010 Expenditure Data**  
(16.6 % should have been expended to date)

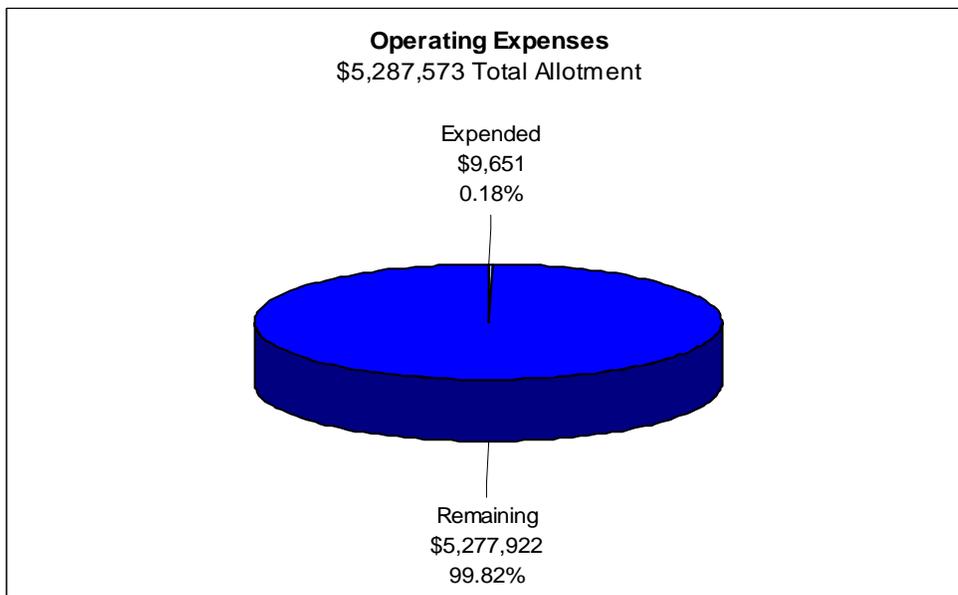
**PERSONAL SERVICES**

Our Personal Services budget is \$25,563,994.



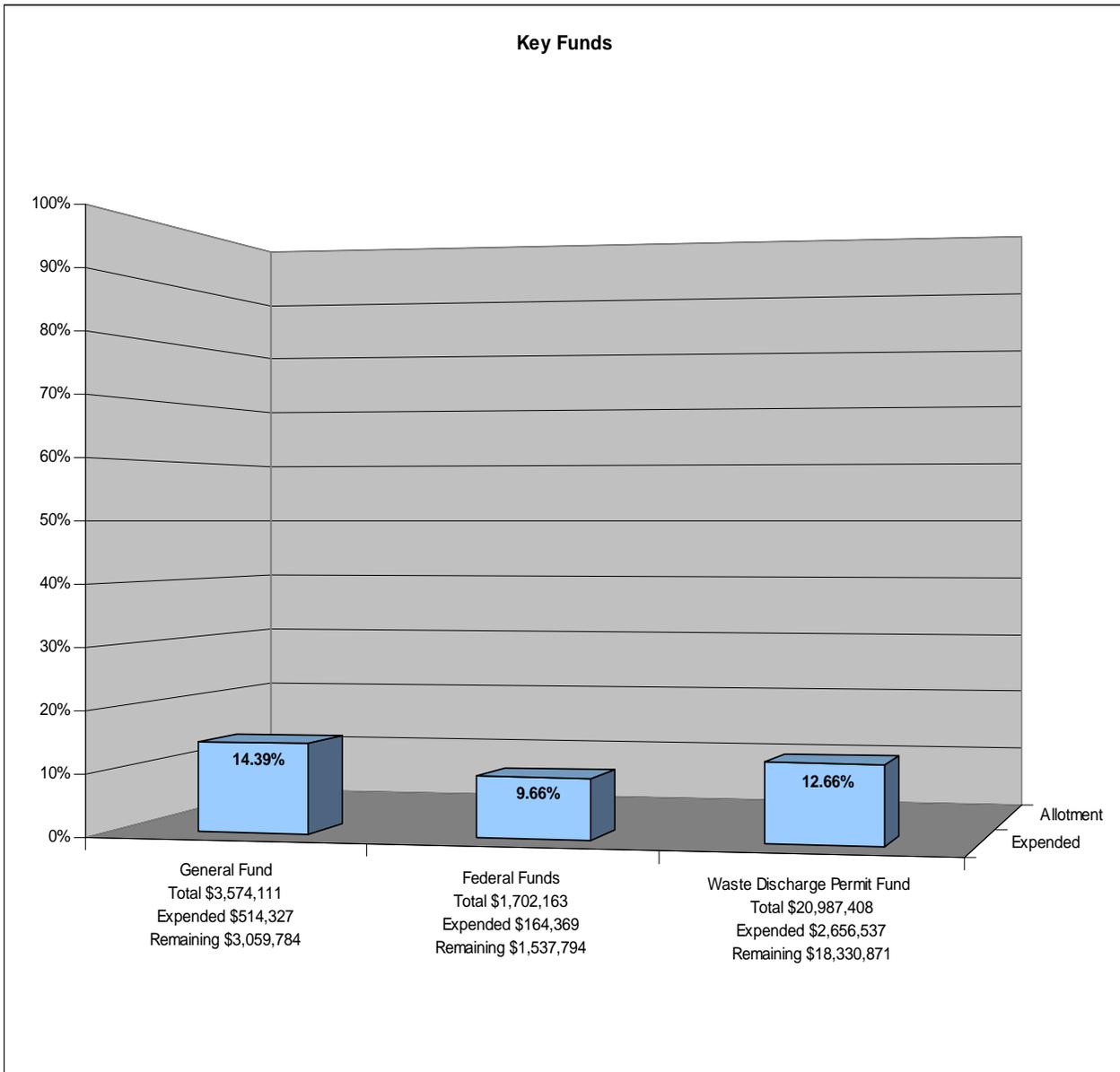
**OPERATING EXPENSES**

Our Operating Expense budget is \$5,287,573. With the recent passage of the budget we are beginning to order new office supplies. We are monitoring our expenditures to ensure that all purchases are necessary and critical to our operations.



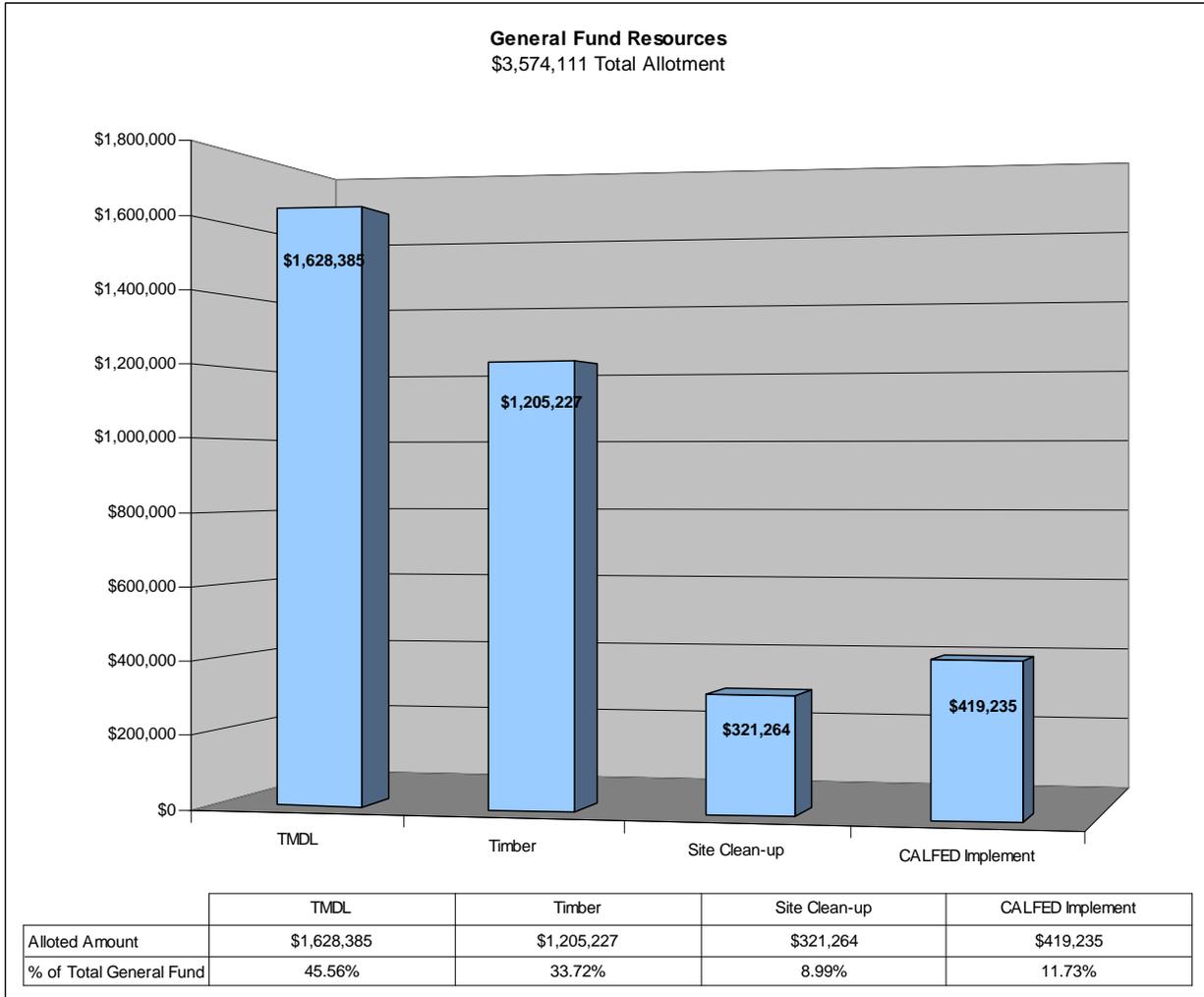
## KEY FUND ISSUES

Our key funds are being spent at an appropriate level.



## GENERAL FUND RESOURCES

Below is a chart showing how much general fund money we have receive for this year and what programs are funded from these resources. The Legislature and the Governor directed the majority of the budget to specific programs. We have very little discretion in shifting these resources from one program to another.









## **FUTURE BOARD ACTIVITIES**

The following are significant Board meeting actions anticipated for the next two 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.

### **December 2010 Board Meeting**

#### **Land Disposal**

- Baldwin Contracting Company Incorporated and Springer Family Trust (Update)
- City of Reedley WWTF (Revision)
- Emigh LTD Farms in Rio Vista, New Operator Synagro West, LLC
- Emigh Souza Ranch in Rio Vista, New Operator Synagro West, LLC
- General Order for Dairy Digesters and Co-Digesters
- Gilroy Foods in Modesto changed to Olam Modesto (Name Change)
- Hamilton Brothers Farm in Rio Vista, New Operator Synagro West, LLC.
- Lone Cogeneration Facility
- Programmatic EIR for Dairy Digesters and Co-Digesters
- Teichert/Wells, Nyack Portable Batch Plant and Concrete Recycling Site (New)

#### **NPDES**

- Sacramento Regional CSD (Renewal)
- Sac Regional CSD – Walnut Grove WWTP (Permit Rescission)
- Washington Mine (Revision)
- Rescissions of Individual NPDES Permits for Fish Hatcheries

### **February 2011 Board Meeting**

#### **Land Disposal WDRs**

- CA. Correctional Inst.-Tehachapi WWTF (Revision)
- City of Auburn (Aluminum Limit Amendment)
- City of Tracy WWTP (Permit Remand)
- Brown Sand Inc. and Mossdale Associates, Ltd., Brown Sand Mossdale Quarry
- Lake Oroville Marina (Revision)Port of Stockton MS4 Stormwater Permit
- Shasta College WWTP (Update)
- Silva Ranch Sludge Application Facility Operator Change to Synagro West, LLC
- Silva Ranch II Biosolids Facility Operator Change to Synagro West, LLC
- Silva Ranch Wet Weather Biosolids Facility Operator Change to Synagro West, LLC
- Triangle Rock Aggregate Facility (Revision)

#### **NPDES**

- Fresno Municipal Separate Stormwater Permit (Renewal)
- Live Oak WWTP (Renewal)
- Rockwell International, Groundwater Cleanup System (Renewal)
- Sierra Pacific Industries, Anderson Division Sawmill, (Renewal)

### **April 2011 Board Meeting**

#### **Land Disposal WDRs**

- Bogle Winery (New)
- City of Plymouth WWTP (Revision)
- City of Newman WWTP (Revision)
- Lucero Olive Oil LLC (Individual WDR)
- Olson Meat Packers (Individual WDR)
- Tejon Mountain Village, Discharges of Fill to Land (New)
- Von Barga Septic Disposal (Individual WDR)

#### **NPDES**

- Discovery Bay WWTP (Permit Remand)

- Bakersfield Municipal Separate Storm Water Permit (Renewal)
- Discovery Bay (Permit Revision)
- Grizzly Ranch CSA (Renewal)
- Modoc High School Geothermal (Renewal)
- Pactiv Corp. Molded Pulp Mill (Renewal)
- Planada CSD WWTF (Renewal)
- Willows WWTP (Renewal)

## **June 2011 Board Meeting**

### **Planning**

- Colusa Basin Plan Amendment

### **Permits/WDRs with pending actions, but not yet scheduled for a Board meeting**

#### **NPDES**

- Bella Vista Water Treatment Plant Renewal
- Berry Petroleum, Poso Creek Facility
- Boeing Company Groundwater Treatment Renewal
- City of Jackson TSO Amendment
- City of Williams TSO Amendment
- DGS State Printing and Warehouse (Renewal)
- El Dorado Irrigation District, El Dorado Hills WWTP amendment
- Fresno Municipal Separate Stormwater Permit (Renewal)
- Hatcheries NPDES Permit Rescissions when converted to General Permit
- Irrigated Lands Regulatory Program, Long Term Program EIR
- Lincoln Center, Stockton Renewal
- Lyondell Environmental Custodial Trust (formerly Millennium Holdings LLC), Bully Hill and Rising Star Mines
- Mather Field GW Treatment System Expansion New
- Maxwell PUD New CDO
- Mining Remedial Recovery Company, Mammoth Mine (Renewal)
- Myrant / Contra Costa Power Plant, Antioch Renewal
- PG&E Lower Bear River Reservoir New
- River Highlands CSD / Yuba County Renewal
- Riviera West Mutual Water Company WTP Renewal
- Santa Fe Aggregates (formerly Kaweah River Rock) (Renewal)
- Soper Company, Spanish Mine (Revision)
- Southern CA Edison-Balsam Meadow Renewal
- Tsar Nicholai Sturgeon Farm
- Tuolumne UD TSO Amendment
- UC Davis Remand
- Union Pacific Dunsmuir Railyard

#### **WDRs**

- Antonio Brasil Dairy (Individual WDRs)
- Caruthers Raisin Packing (New)
- City of Lemoore WWTF (WDR update)
- City of Tulare WWTF (Revision)
- E&J Gallo, Fresno Winery (WDR update)
- Edward Nunes Dairy Expansion (Individual WDRs)
- Fawcett Farms Dairy (Individual WDRs)
- Foster Farms Ellenwood Hatchery Expansion (individual WDRs)
- Kettleman Hills Facility, Chemical Waste Management (WDRs for expansion)
- Lamont PUD, WWTF (WDR update)
- Mule Creek State Prison (WDRs renewal)
- O'Neil Beverages Company, Reedley winery (WDR update)
- Panoche Energy Center (individual WDR, New)
- Wooden Shoe Dairy Expansion (Individual WDRs)