

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



EXECUTIVE OFFICER'S REPORT
18 March 2010

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SUCCESS STORIES

- 1. Vann Ranch Dam Cleanup Project, Tuolumne County**
In June 2009, the Executive Officer issued Mark Vann (Discharger) a Cleanup and Abatement Order (CAO) for an illegal earthen dam built within Rough and Ready Creek in Tuolumne County. The in-stream dam subsequently failed and discharged a large amount of sediment about a quarter mile downstream impacting sensitive habitat. The Discharger complied with the CAO and removed the remnants of the dam, cleaned the sediment from the creek channel, and restored the channel to its original condition. This was a joint enforcement action between the Central Valley Water Board, the Department of Fish and Game, and the Army Corps of Engineers. As part of the joint enforcement action, the Environmental Circuit Prosecutor recently charged the contractor, Montgomery L West, with civil penalties for the construction of the illegal dam. As part of the final judgment, the Board will receive \$10,500 in cost recovery. (RWM)
- 2. Settlement of Administrative Civil Liability Complaint for Discovery Bay, Contra Costa County**
Since the last Executive Officer's Report was prepared, the Executive Officer settled ACL Complaint R5-2009-0595 for Mandatory Minimum Penalties (MMPs), pursuant to California Water Code section 13385. The Complaint was issued to the Town of Discovery Bay in the amount of \$24,000 for violations of effluent limitations for total coliform organisms and total suspended solids that occurred from the Discovery Bay Wastewater Treatment Plant from 1 January 2009 through 31 August 2009. The complaint was issued in December 2009 and the Discharger paid the amount to settle the matter in February 2010. (BLH)
- 3. Administrative Civil Liability Order, City of Isleton Wastewater Treatment Facility, Sacramento County**
On 27 January 2010, Administrative Civil Liability Order R5-2010-0504 was issued to the City of Isleton to settle a previous ACL Complaint for violations of its WDRs. The violations included raw sewage spills to surface waters of Georgiana Slough, failure to have an operational flow meter, and failure to submit a required technical report. The assessed liability for these violations is \$390,000. Of the assessed amount, the Order allows the City of Isleton to complete two compliance projects to satisfy \$375,000 of the liability and pay the remaining \$15,000 under a payment plan. (GJC)
- 4. Administrative Civil Liability Order, The Oaks Community Association, Amador County**
On 27 January 2010, Administrative Civil Liability Order R5-2010-0507 was issued to The Oaks Community Association to settle a previous ACL Complaint. The violations included discharging raw sewage to an area outside the permitted treatment and disposal area. The assessed liability for these violations is \$18,550. The Order allows the Discharger to satisfy \$5,000 of the liability by completing certain compliance projects and to satisfy the remaining \$13,550 by payment in five quarterly installments. The first payment has been received. (MLB)
- 5. Administrative Civil Liability Order, Caltrans Highway 65 Lincoln Bypass, Placer County**
On 27 January 2010, Administrative Civil Liability Order R5-2010-0506 was issued to the California Department of Transportation to settle a previous ACL Complaint. The violations included discharges of turbid storm water in violation of Caltrans' statewide NPDES storm water permit, and took place at the Lincoln Bypass construction site. Caltrans has paid the entire \$325,000 liability. (WMH)
- 6. Administrative Civil Liability Order, Del Rapini Construction, Pine Grove Bluffs, Amador County**
On 26 February 2010, Administrative Civil Liability Order R5-2010-0508 was issued to Del Rapini to settle a previous ACL Complaint. The Discharger violated the Construction Storm water General Permit by failing to install and maintain Best Management Practices on the Pine Grove Bluff construction site and by discharging highly turbid storm water into Jackson Creek. The Order assesses a liability of \$136,000, which may be paid in 16 quarterly payments. (RHM)

7. **Former General Cable Facility, 851 N. Harvard Avenue, Lindsay, Tulare County**
A no further action determination was issued for the former General Cable facility on 22 December 2009. Groundwater at the site was impacted by low concentrations of volatile organic compounds including perchloroethene. Routine groundwater monitoring over eight years indicated declining concentrations of volatile organic compounds in groundwater. Sampling in 2008 confirmed that the concentration of all volatile organic compounds in groundwater were below State of California maximum contaminant levels. A Fact Sheet describing the site was distributed to nearby residents and property owners, and no comments were received. The discharger has demonstrated compliance with Resolution 92-49 in that the effects of the discharge have been abated so that the present and anticipated beneficial uses of groundwater have not been unreasonably affected. (JA)
8. **Community Water System, Glennville Shopping Center, 10675 Highway 155, Glennville, Kern County**
A long-term pumping test was conducted on the newly installed water supply well for the Glennville Mutual Water Company in February 2010. Preliminary results indicate a pumping rate capable of 165 gallons per minute, which would be more than adequate for water supply purposes for the community of Glennville. Community water system construction specifications are currently being prepared to go out to bid. It is anticipated construction of the system will commence in April and be completed in the fall. The community water supply system would replace individual private wells that have been impacted by a 1990s gasoline (MTBE) release. Funding to install a community water supply system has been a multi-agency joint effort by the Regional Water Quality Control Board (a litigation settlement fund), the State Water Board (Emergency, Abandoned and Recalcitrant Fund), and the California Department of Public Health (grant funds). (GJI)
9. **E & J Gallo Winery Implements Salinity Source Control Measures**
In December 2009, E & J Gallo Winery submitted a Salinity Reduction Plan for its Livingston Winery describing numerous salinity reduction activities that have reduced the amount of salinity in the winery's discharge by reducing or eliminating various chemicals in winemaking and plant sanitation processes, and by reducing the amount of product discharged to the waste stream. The winery replaced chlorine with chlorine dioxide and replaced sodium hydroxide with potassium hydroxide, and installed a pilot caustic reclaim unit that will allow for the reuse of caustic. The winery has also reduced the operation of ion exchange columns in the winemaking process, a measure that has reduced the amount of high-salinity ion exchange regenerant solution discharged to land from over five million gallons in 2001 to about 240,000 gallons in 2006 and zero gallons since 2007. The winery has also implemented several measures to recover product that would otherwise be diverted to the waste stream and discharged to land. For example, in 2006, the winery spent over \$2.9 million to install equipment to extract sugar and/or alcohol from pomace, which before had leached into the waste stream. (JLK)
10. **Record of Decision (ROD) for Area of Concern G-1 is completed at the Former McClellan Air Force Base, Sacramento County**
On 29 January 2010, another milestone was reached at the former McClellan Air Force Base with the completion of the Area of Concern (AOC) G-1 ROD. This ROD addresses volatile organic compounds (VOCs) in shallow soil gas for the vapor inhalation pathway and non-VOCs in soil that may present a threat to human health through direct contact, inhalation, or ingestion. The site is an area of concern because of a disposal area located in the southern portion of the site. Contaminants in the soil and soil gas are believed to be associated with debris and waste material buried in the southern disposal area. No potential impacts to groundwater or surface water quality were identified at the site. The selected remedy for the site is institutional controls to prohibit sensitive uses and restrict certain excavation activities. The ROD is a legally binding document signed by the Air Force Real Property Agency, the U.S. Environmental Protection Agency and the State of California, represented by the Department of Toxic Substances Control.

The AOC G-1 site consists of approximately 26 acres and is being transferred for reuse via a Finding of Suitability for Transfer and a State Land Use Covenant. The Aerospace Museum of California and the North Highlands Recreation and Park District will take ownership of the 26 acres of land in the coming months. The museum will take ownership of the 6.5 acre site where it

currently operates. The North Highlands Recreation and Park District will take ownership of 19.5 acres known as Freedom Park. (JDT)

11. Case Closed - Los Banos Rail Corridor Site #1, Merced County

Chevron Environmental Management Company completed the site investigation for the Los Banos Rail Corridor Site #1, one of eight sites within the City of Los Banos, Merced County. Results of soil and groundwater investigations between 2006 and 2008 revealed that petroleum hydrocarbons detected in soil and groundwater were of limited extent and do not exceed applicable environmental screening levels. The residual petroleum hydrocarbon concentrations were determined not to pose a risk to future residents or to any ecological receptor and will continue to degrade by natural attenuation. It was determined that no further characterization was required and the case was closed. (SRG)

12. No Further Action Effective Date, former Barber Cashew Supply Corporation, Esparto, Yolo County

In 2006, John Deterding Company removed about 4,700 cubic yards of soil polluted with nitrogen fertilizer. Since the removal action took place, concentrations of nitrogen in the adjacent monitoring well declined dramatically and the site received a conditional no further action letter in 2008. In January 2010, the monitoring wells were destroyed and the No Further Action date is effective as of 2 February 2010.

13. No Further Action for University of California at Davis Primate Center, Aboveground Storage Tank Release, Davis, Yolo County

On 3 December 2006, a kerosene release occurred at the Site during filling of a 390-gallon kerosene portable tank from a 1,000-gallon stationary aboveground tank. UC Davis estimated that about 300 gallons of kerosene were released. UC Davis removed the remaining contents of the 1,000-gallon tank, removed the tank, and excavated all visibly contaminated soil. In 2008, UC Davis installed three monitoring wells and sampled them quarterly for four quarters. No public or domestic wells are threatened. The remaining levels of petroleum hydrocarbons are below water quality objectives and do not pose a threat to human health, the environment, or waters of the State. A No Further Action letter was issued on 3 February 2010. (KS)

14. 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.

FRESNO OFFICE

Fresno County

a) **Alamos Food Store and Motel, 36010 South Lassen Avenue, Huron, Fresno County**

Gasoline and diesel were detected beneath dispensers at this convenience store during system upgrades in May 2004. Two soil borings completed in June 2006 showed concentrations of gasoline and diesel attenuated to low concentrations at a depth of 30 feet. Groundwater in the area is of poor quality and is in excess of 300 feet deep. The City of Huron uses water imported from the California Aqueduct for water supply. About 2,600 pounds of gasoline and 570 pounds of diesel remain at the site but are expected to biodegrade prior to reaching groundwater. The site is an operating gas station, and the presence of gasoline vapors in soil will not likely increase

the threat to human health caused by operation of the gas station. The case was closed on 13 January 2010. (JWH)

- b) **McLeod Ford, 3415 Mt Whitney, Riverdale, Fresno County**
Two USTs were removed from the site in November 1995. One soil sample contained low to moderate concentrations of gasoline, while other samples contained non-detectable concentrations. The USTs had not been in use since 1987. A groundwater monitoring well installed about 70 feet downgradient of the tanks showed the depth to water ranged from 26 to 33 feet. Only trace concentrations of gasoline were initially detected in this well, but no gasoline was detected during monitoring activities from 1998 to 2002. No domestic or municipal wells are known to exist in the site vicinity. The site is currently an automotive repair shop, and the former UST area is a paved parking lot. The release appears to have been small, with less than 100 pounds released, that was likely cleaned up when the USTs were removed. The site was closed on 27 January 2010. (JWH)
- c) **T & J Arco & Mini Mart, 13495 Manning Avenue, Parlier, Fresno County**
The site is an operating service station and convenience store. Five tanks and dispensers were removed from the site and upgraded during 1996. Gasoline was detected beneath one of the tanks. Eight soil borings drilled during April 2009 showed moderate gasoline concentrations in one of the borings, but they attenuated by a depth of 35 feet. The depth to water is about 60 feet, and no wells are in the area. There are about 40 pounds of gasoline remaining at the site. The site is not a threat to groundwater or public health. The case was closed on 10 February 2010. (JWH)
- d) **Former Gas Station, 3206 North Palm Ave, Fresno, Fresno County**
The site was occupied by a gas station more than 20 years ago, with fuel tanks removed at an unknown time. Since then, the site has been used by at least two automotive service/repair businesses. In 2008, site assessment identified an estimated 1,700 pounds of gasoline hydrocarbons in soil between depths of 25 and 50 feet. No benzene or MTBE was detected. Groundwater, at a depth of about 125 feet, is not threatened. Soil vapor sampling identified no significant risk from soil vapor migration under current site use. Natural attenuation will degrade hydrocarbons with the passage of time. The case was closed on 12 January 2010. (WWG)
- e) **Fresno Clovis Lumber Co., 300 N. Minnewawa Avenue, Fresno, Fresno County**
Four tanks were removed from the site in 1998 and 1999, and petroleum hydrocarbons were identified in underlying soil in two locations. Contaminated soil was removed from one location (no sample results or soil volumes were reported so the mass of hydrocarbons removed by this action cannot be calculated). UST closure was granted by Fresno County in 1999. Additional assessment requested at the second UST location was completed in 2009 under Central Valley Water Board oversight, and no petroleum hydrocarbons were identified. The case was closed on 29 January 2010. (WWG)

Merced County

- a) **Wolfsen Feedlot, 22338 Alvarado Trail, Los Banos, Merced County**
The site lies within a large agricultural parcel. Three tanks were removed sometime after 1985 without soil sampling. Assessment in 2006 and 2007 identified diesel-range hydrocarbons with a very low volatile component in site soil and groundwater. Excavation and off-site disposal of 250 cubic yards of contaminated soil in 2008 removed an estimated 2,600 pounds of petroleum hydrocarbons. An estimated 18,900 pounds of diesel-range hydrocarbons remain in an estimated 4,500 cubic yards of soil, from depths of 25 to about 85 feet. Soil vapor extraction pilot testing determined that there were no volatile constituents in soil vapor and that potential soil vapor extraction rates were very low. A water supply well 125 feet away was not polluted by petroleum hydrocarbons. Groundwater monitoring wells were installed, and the last three monitoring events were non-detect. The present site owner intends to mine sand and gravel resources in the future and will coordinate with the Central Valley Water Board to remove any contaminated soil that is found. The case was closed on 17 December 2009. (WWG)

REDDING OFFICE

Butte County

- a) **Eric's Cable Car Wash, 1625 Mangrove Ave, Chico, Butte County**
In April 1998, eight direct push borings were advanced to collect soil and groundwater samples, and petroleum hydrocarbons were discovered. In March 1999, three USTs were removed, and soil samples from the tank pit contained elevated petroleum hydrocarbon concentrations. In April 1999, about 140 cubic yards of contaminated soil were excavated and disposed off-site, but not all of the contaminated soil was removed. From 1999 to 2003, additional soil borings and 10 monitoring wells were installed. In February 2008, a soil vapor extraction system was installed and operated until contaminant concentrations were reduced to negligible levels. About 52 kilograms of contaminants were removed. The last four quarters of monitoring showed no constituents above water quality goals except minor amounts of diesel. All monitoring wells have been abandoned and investigation-derived waste has been removed. Based on the reported data, there is no apparent threat to human health or the environment. A No Further Action letter was issued 2 February 2010. (RDJ)
- b) **Richardson's Market, 596 East Evans Reimers Road, Gridley, Butte County**
In November 1992, two USTs were removed, and soil samples indicated a release of petroleum into the subsurface. In December 1993, the Discharger excavated additional contaminated soil. Two domestic water supply wells are onsite, and three others are within 500 feet of the site. Pollutants were never detected in either of the two onsite domestic wells. From 2001 to 2004, the Discharger installed five monitoring wells and drilled 10 direct-push borings. In May 2006, the Discharger installed seven ozone sparge wells, and the injected ozone reduced pollutant concentrations in groundwater to negligible levels. At least 370 kilograms of pollutant mass have been destroyed. Analytical results from the last quarterly monitoring showed no petroleum hydrocarbons above water quality goals, except minor gasoline concentrations. The Discharger predicts that pollutants will not further migrate, and the residual concentrations will attenuate within 10 years. No pollution extends onto adjacent properties. Based on the reported data, there is no apparent threat to human health or the environment. A No Further Action letter was issued on 30 December 2009. (RDJ)
- c) **Enloe Hospital, 120 6th Avenue W, Chico, Butte County**
In June 2007, two fuel oil USTs were removed, and two soil samples were collected from the tank pit. The results showed petroleum hydrocarbons in the subsurface. In August 2007, five direct-push borings were advanced, with soil samples collected from all five and groundwater samples collected from three of the borings. The same month, about 152 tons of contaminated soil was excavated and disposed off-site, removing about 373 kilograms of contaminants. In November 2008, three monitoring wells were installed and monitored for three quarters. Only one groundwater sample contained any constituents above water quality goals, and all samples were non-detect during the final two quarters of monitoring. All monitoring wells have been abandoned and investigation-derived waste removed. Based on the reported data, there is no apparent threat to human health or the environment. A No Further Action letter was issued on 9 February 2010. (RDJ)

SACRAMENTO OFFICE

Amador County

- a) **Camanche North Shore Recreation Area, 2000 Camanche Road, Ione, Amador County**
The Camanche North Shore Recreation facility is about 80 feet north of Lake Camanche, and is comprised of a marina, fuel dock and a boat launch facility. In April 1997, four USTs and associated piping were removed, and soil beneath the piping contained petroleum hydrocarbons. Initial remedial activities included soil excavation and dual phase extraction of groundwater and soil vapor. In March 2007, another release occurred and Cleanup and Abatement Order (CAO) No. R5-2007-0704 was issued. Additional soil excavation took place in mid 2007 with 1,100 cubic yards of contaminated soil excavated and disposed of off-site. Over a period of about 11 years,

three monitoring wells were installed and monitored quarterly. Remedial activities were successful in removing all residual soil contamination and more than 99% of groundwater contamination. About 6,757 pounds of petroleum hydrocarbon contamination were removed. Current groundwater pollutant concentrations are below water quality objectives, so the CAO was rescinded and a No Further Action letter was issued on 25 January 2010. (GTM)

Placer County

a) **998 Sunrise Avenue, Roseville, Placer County**

In May 2004, soil and groundwater samples indicated that an unauthorized release of petroleum hydrocarbons had occurred and contaminated both soil and groundwater beneath this active retail fuel station. Subsequent soil, soil vapor and groundwater sampling suggested that the release was minor and was attenuating naturally. The site's UST system was not removed and continues to operate. Natural attenuation alone has removed about nine pounds of petroleum hydrocarbons from the site, reducing the concentrations. Residual concentrations in groundwater are expected to attenuate below water quality objectives by 2019, and the results of a human health risk assessment show that the residual hydrocarbons are unlikely to pose a threat to human health, even under a residential use risk scenario. Only one domestic well was identified within 2,000 feet of the Site, and that well is about 1,000 feet up and cross-gradient of the Site. Therefore, the remaining constituents are unlikely to pose a threat to human health or further degrade waters of the state, and a No Further Action Letter was issued on 20 January 2010. (PRS)

Tuolumne County

a) **Cal Trans Jamestown Maintenance Station, 8910 Highway 49, Jamestown, Tuolumne County**

The site is operated by CalTrans as an active highway maintenance and equipment storage facility. In November 1998, two USTs and associated piping and dispensers were removed. Groundwater was encountered in the UST pit at 13 feet deep, and grab groundwater samples contained petroleum hydrocarbon constituents. An undocumented amount of stained soil was over-excavated from the UST pit area. A Tier 2 analysis of petroleum constituents in soil and soil vapor indicated that the residual contamination does not pose a human health risk. The concentrations in groundwater are expected to reach water quality objectives by 2015. When CalTrans finishes using the site, the land will revert back to national forest. A No Further Action letter was issued on 19 January 2010. (PGM)

Yolo County

a) **Former 76 Station No. 4846, 501 G Street, Davis, Yolo County**

During removal of a waste oil UST in May 1993, an unauthorized release of petroleum hydrocarbons was identified. Investigations were conducted from 1997 through 2008, including soil, water and soil vapor sampling and installation of five groundwater monitoring wells. Remedial efforts included excavation of 72 cubic yards of contaminated soil and 1,468 gallons of polluted groundwater. An estimated 200 pounds of hydrocarbons were removed, with a residual of only 70 pounds. Soil vapor sampling and groundwater monitoring have demonstrated that the site no longer poses a threat to human health and safety or to water quality. All groundwater monitoring wells have been abandoned, and the case was issued a No Further Action letter on 30 December 2009. (DFS)

b) **Former Carranza's Texaco, 1123 Main Street, Woodland, Yolo County**

In 1991, inventory records showed a loss of fuel, and four USTs were subsequently removed in 1992. From 1993 through 2008, investigation and remedial efforts were conducted, including soil excavation and hydrogen peroxide injection. Based upon an estimated treatment efficiency of 90%, approximately 99 lbs. of contaminants were treated. Monitoring has shown that a significant amount of contaminants have been successfully removed. Water quality objectives in groundwater have been met or will be met within 10 years. The estimated residual mass of contaminants is about 11 pounds. All monitoring wells were properly abandoned in December 2009. Residual contaminants are minimal, will continue to naturally degrade, and do not pose a

threat to human health and safety. The case was issued a No Further Action Letter on 11 January 2010. (DFS)

Local Agency UST Closures with Concurrence of Board Staff

Merced County LOP Closures

- a) Firebaugh Travel Plaza @ I-5, 15838 Paul Negra Road, Firebaugh

Sacramento County

- a) Exxon Service Station No. 7-0254, 3449 El Camino Avenue, Sacramento
- b) Former Exxon RAS #7-0128, 5601 Franklin blvd., Sacramento
- c) State of California Office Building 8 (Case 2), 714 P Street, Sacramento
- d) Fred Cullincini Jr. Revocable Trust Property, 973 Arden Way, Sacramento

San Joaquin County

- a) Pacific Pride, 3230 West Lane, Stockton
- b) A. Teichert & Company, 103 E Street, Stockton
- c) Tracy High, 315 E. 11th Street, Tracy
- d) 7-Eleven, 2360 Grant Line Road, Tracy

Stanislaus County

Tulare County

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

Local Agency UST Closures Independent of Board Staff Review

COMPLIANCE AND ENFORCEMENT

1. **Sacramento Rendering Wastewater Discharge, Sacramento County**

On 21 January 2010, Sacramento County Department of Environmental Management notified Board staff that Lopez Agricultural Services (Lopez Ag) was accepting partially-treated rendering process wastewater from Sacramento Rendering Company via tanker truck. Water Board staff confirmed this practice with Sacramento Rendering, who immediately stopped the hauling. Lopez Ag is not permitted by the Water Board to accept any wastewater, and Sacramento Rendering is not permitted by its WDRs to bypass its treatment and disposal system. For corrective action, Board staff required that any wastewater remaining in Lopez Ag's storage pond be removed, and that Sacramento Rendering submit a report explaining why it transported wastewater off-site and a description of any capacity deficiencies. On 8 February 2010, about 220,000 gallons of wastewater were removed from Lopez Ag's pond and shipped back to Sacramento Rendering. Staff is evaluating additional enforcement actions. (MLB)
2. **Inappropriate Waste Disposal at L&D Class III Inert Landfill, Sacramento County**

The L&D Landfill is a Class III inert waste landfill regulated under Title 27 WDRs. Between December 2009 and January 2010, the landfill received for disposal approximately 1,700 tons of fly ash waste from a biomass co-generation facility in Oroville. An ash sample collected in mid-January at the landfill was analyzed for total and soluble metals. Various metals were detected above water quality objectives and the fly ash material was determined to be a designated waste and a threat to water quality. Of the 1,700 tons of fly ash received, approximately 200 cubic yards remains stockpiled above ground, while the remainder is buried within the landfill. On 4 February 2010, staff issued a NOV requesting a work plan and schedule to remove the fly ash waste to an appropriate Class II landfill for disposal. The work plan has been received and L&D proposes to containerize the stockpiled fly ash pending removal and final disposal at an appropriate Class II landfill facility. L&D is also undertaking additional studies to determine soluble designated levels of metals acceptable for future waste acceptance and disposal. (TAD)
3. **Ash disposal activities, Covanta Power Project, Oroville, Butte County**

On 27 January 2010, staff collected samples of ash from a wood burning cogeneration plant in Oroville. Covanta is currently under investigation of possible improper land disposal of ash from the power plant. We are coordinating our activities with other regulatory agencies regarding the ash issue and will issue appropriate enforcement actions based on results of our investigation. (GDC)
4. **Storm water Issues at Caltrans Harbor Boulevard Project, Yolo County**

Staff performed multiple storm water inspections and site walks for the Caltrans District 3, Harbor Boulevard project during this wet season. The construction project involves building on-ramps, off-ramps, a drainage system and bridge widening. Staff has observed violations of the Caltrans Permit and the State's Storm Water Construction General Permit. On 30 December 2009, Staff issued a Notice of Violation to Caltrans for discharges of sediment laden water to surface waters due to the failure to implement an effective combination of erosion and sediment controls on all disturbed soil areas during the wet season. (RJD)
5. **Storm water Issues at US Bureau of Reclamation, Folsom Reservoir Dikes 4 and 6, Sacramento County**

This winter, staff has performed several inspections of the Bureau of Reclamation's Folsom Reservoir Dikes 4 and 6 construction project. The project involves stripping down and stockpiling the topsoil on the outside of the dikes, installing a new toe drain, placing a sand filtration layer, and then replacing the stockpiled topsoil. Construction of the project started in October 2009 and the contractor has failed to implement an effective combination of erosion and sediment control as required by the State's Storm Water Construction General Permit. On 31 December 2009, staff issued a Notice of Violation for failure to implement an effective combination of erosion and sediment control and discharge of sediment into a sensitive water body. (RJD)
6. **Illegal Road Grading, Napa County**

On 13 January 2010, staff conducted a site inspection of an illegally graded roadway in Napa County with the Department of Land Management (BLM), representatives for the private land

owners and Bob Schneider from the Tuleyome organization. The graded roadway, which crosses three different owners' parcels, was illegally graded by a third party without the owners' permission. BLM already has filed a criminal trespass case against the third party, but since the roadway is a potential threat to water quality, Board staff is working with the owners to both temporarily and permanently stabilize the roadway. (RWM).

7. Preparation for New Storm Water Construction General Permit

Rich Muhl has been working with the California Storm water Quality Association (CASQA) sub-committee on the new General Construction Permit (CGP) for the past two years. The CASQA sub-committee is made up a small group of storm water trainers representing both government and industry. The sub-committee will develop the training protocol and training content to meet the new CGP training requirements. To date, the protocol is complete and a 3-day pilot training has been set up in the near future to refine the content of the training. In addition, draft test questions have been completed and a Request for Qualifications (RFQ) for people who want to conduct training will be sent out in the near future. This will be an ongoing effort for the next eight months and will help ensure a smooth transition to the new permit, which goes into effect on 1 July 2010. (RWM)

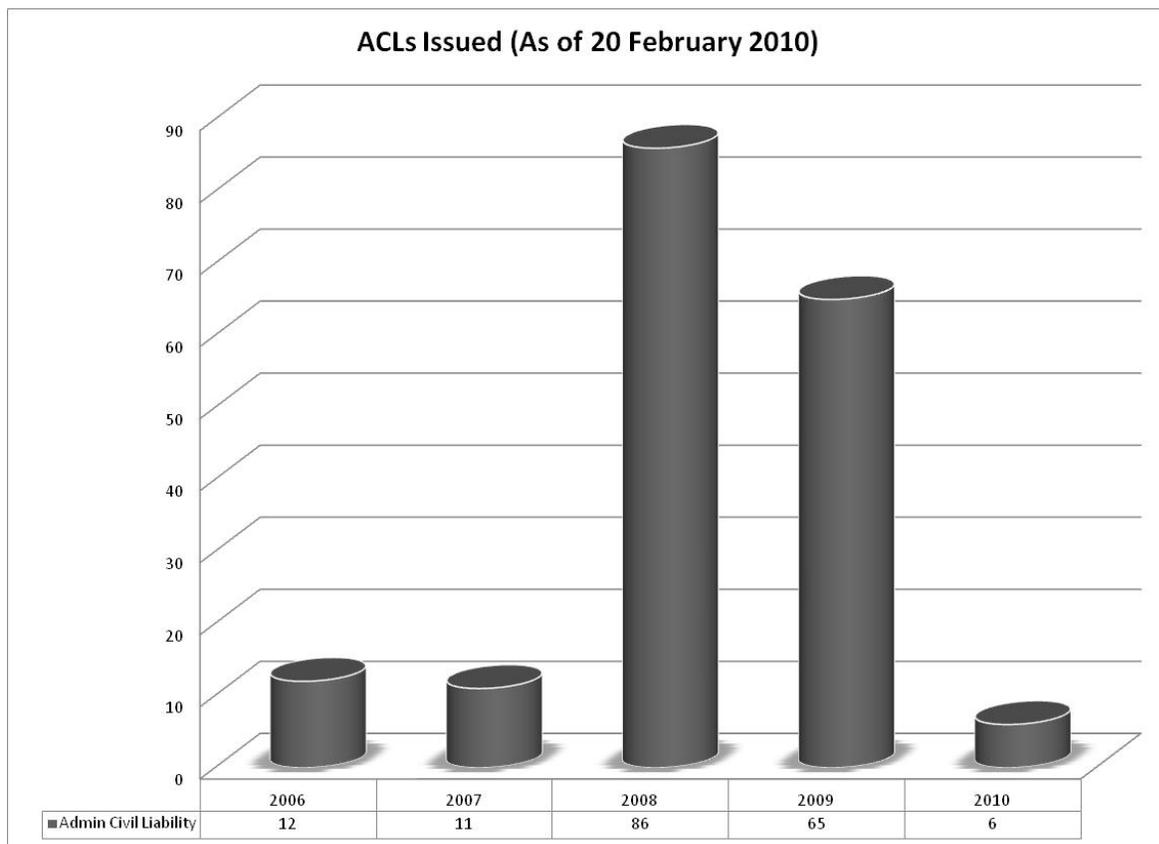
8. Rubicon Trail, El Dorado County

During the last month, staff attended three meetings related to compliance with the Cleanup and Abatement Order issued to El Dorado County and the US Forest Service for the Rubicon Trail:

- On 14 January 2010, Marty Hartzell attended January Rubicon Oversight Committee (ROC) meeting in Placerville. El Dorado County (EDC) Department of Transportation staff announced that they would provide a Rubicon Trail route recognition presentation to the EDC Board of Supervisors on 26 January 2010. The remainder of the ROC meeting focused on reviewing the three options to be presented to the Board of Supervisors. The three options included: 1) Accepting one historical trail alignment; 2) Accepting a single trail alignment with trail variants in selected locations; and 3) Accepting Option 1 or 2 plus a wide corridor at two specific locations.
- On 26 January 2010, Wendy Wyels and Marty Hartzell attended the El Dorado County Board of Supervisors meeting where County staff presented three trail route recognition options to the Board of Supervisors. After five hours of presentations, public comments, and discussions, the Board of Supervisors agreed to select Option 2, as described above, and added that the size of rocks in the Little Sluice Box will be reduced to allow regular four wheel drive equipped vehicles to drive the trail.
- On 29 January 2010, EDC Counsel provided a Rubicon Trail update to the Central Valley Water Board during the Board's Public Forum. County Counsel commented on the EDC Board of Supervisors meeting, milestones completed to date, and EDC's commitment to meet the conditions outlined in Cleanup and Abatement Order No. R5-2009-0030. (WMH)

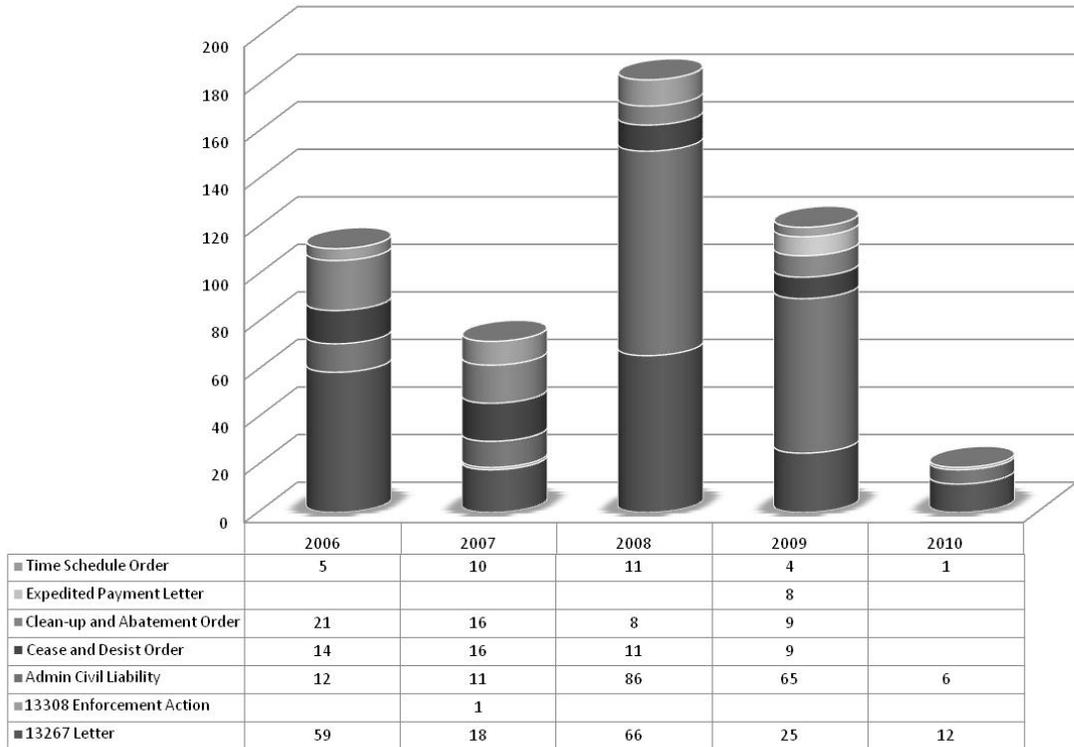
Enforcement Update

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. The following graphs are based on information contained in CIWQS covering the core regulatory programs through 20 February 2010 depicted by calendar years. Some of the formal enforcement actions, such as ACLs (complaints or orders), are tracked in CIWQS for all programs, so they are counted in the following charts. Core regulatory programs include NPDES permittees with discharges to surface waters; Non Chapter 15 discharges to land permits; Title 27 discharges to land permits, including landfills; Dairies; Water Quality Certifications, Storm Water Program permittees, Timber Harvest projects. The other regulatory programs include Above and Underground Storage Tanks, Clean Up sites, Mines, Irrigated Lands Regulatory Program. Most of the core regulatory programs are tracked in CIWQS (California Integrated Water Quality System). The Storm Water Program is transitioning to a new data management module called SMARTS (Storm water Multi-Application, Reporting, and Tracking System). The Above and Underground Storage Tanks and Clean Up sites are tracked in GeoTracker. For the other regulatory programs, the Water Board is using local database tracking tools.



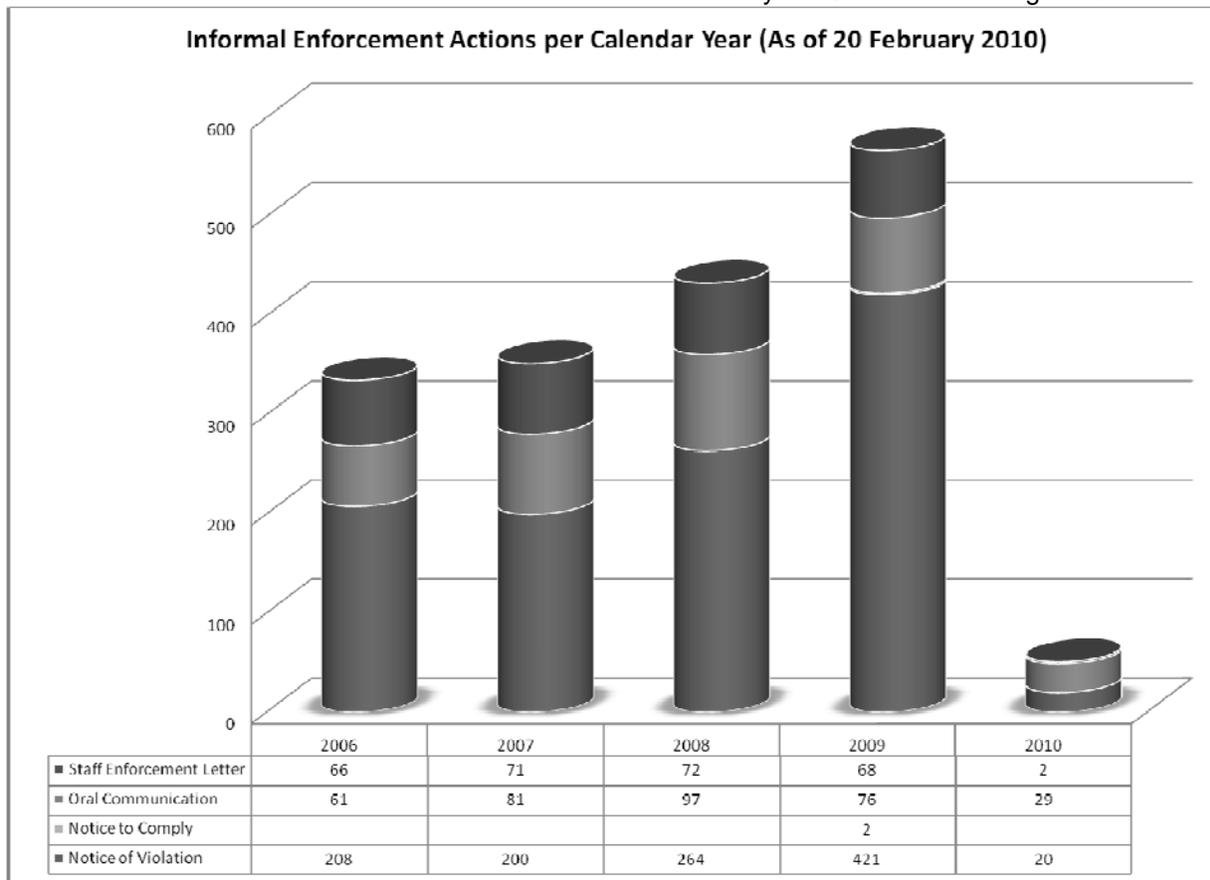
In 2008, we implemented the Mandatory Minimum Penalty (MMP) Initiative that led to cleaning up the backlog of MMPs. A number of MMP ACLs have been settled by requiring implementation of Compliance Projects or Supplemental Environmental Projects. Some of those projects are currently under way. In other cases, settlement discussions may be under way. State Water Board's Office of Enforcement will issue shortly an update of the statewide status of the MMP Enforcement Initiative.

Formal Enforcement Actions per Calendar Year (As of 20 February 2010)



The above graph depicts the formal enforcement actions undertaken by the Water Board from 2006 to date in core regulatory programs. The Water Boards developed recently a new data module for the Storm Water Program and the graphs do not include data from that program at this time. Last year alone over

six hundred formal or informal enforcement actions were taken by the Storm Water Program staff.



The above graph represents the informal enforcement actions taken from 2006 to date in core regulatory programs. 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 above, the informal enforcement actions for the Storm Water Program are not captured due to the transition to a new data module. Future reports will contain updated complete information for these years. In addition, more comprehensive updates, with enforcement data from all programs will be presented in a consolidated fashion on a quarterly basis.

Enforcement Prioritization

In concordance with the recently adopted Enforcement Policy, Regional Water Board senior staff and management had a meeting with Mr. Reed Sato, Director of State Board's Office of Enforcement, to discuss 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. Similarly, senior staff from Office of Enforcement presented an overview of the monetary penalty calculation methodology section of the enforcement policy to Central Valley Water Board staff having responsibilities in areas of compliance and enforcement. It is expected that these coordination efforts will accelerate as the Water Boards will start implementing the requirements of the new policy.

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 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_2009.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 second 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/annual_enf_rpt_032609.pdf

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

1. **Raw Sewage Spill, Carmichael, Sacramento County**

On 10 February 2010, Sacramento Area Sewer District reported an SSO at 7201 Lynnbrook Court, Carmichael, in Sacramento County that entered an unnamed tributary to the American River (Cal-EMA#10-1073). The overflow was caused by a blockage in the mainline. The District states that the spill entered an unnamed waterway that is not a drinking water source, however; the channel flows entered the American River. Since there were potential drinking water intakes in this area of the American River, the District notified Sacramento County Public Health, Carmichael Water District, City of Sacramento, and Golden State Water. The District determined the volume of the release was 370 gallons, and that approximately 15 gallons were recoverable, while the rest of the volume was lost into the American River. (AH)

2. **Raw Sewage Spill, Lathrop, San Joaquin County**

On 15 February 2010, a 10,000 gallon SSO occurred due to a blockage in the mainline at 13470 Slate Street, City of Lathrop, San Joaquin County (Cal EMA #10-1211). The mainline blockage caused the release of sewage from a manhole, which entered a storm drain and eventually flowed into the storm drain pump station. The SSO was fully contained and recovered from the storm drain pump station. There were no releases to any waterways. (BPK)

3. **Raw Sewage Spill, Clearlake Oaks County Water District, Lake County**

On 20 January 2010, Clearlake Oaks County Water District reported a raw sewage spill estimated at approximately 15,000 gallons. The spill occurred from a four-inch broken sewer force main at the Wastewater Treatment Plant. The spill entered a nearby drainage ditch that eventually drains to Clear Lake. The release was caused by the broken sewer force main, but made worse by heavy rains and a storm surge. Repairs included replacing the broken section of force main with a two foot section of PVC piping. Board staff is evaluating appropriate enforcement actions. (GJC)

4. **Raw Sewage Spill, Stanislaus County General Services, Laird Park Honor Farm, Stanislaus County**

On 6 January 2010, Stanislaus County General Services reported a raw sewage spill from an overflowing lift station wet well at the Laird Park County Honor Farm. The volume of the spill was initially estimated at approximately 5,000 gallons; however, it was later determined to be 750 gallons. The spill was contained to an area measuring approximately 120 square feet that was fenced. The affected spill area was treated with a solution of chlorine bleach and water. The spill resulted from an electrical failure at a lift station causing all lift station pump functions to become disabled and the wet well overflowed. Water Board staff is evaluating appropriate enforcement actions. (GJC)

5. **Raw Sewage Spills, Lake County Sanitation District Southeast Wastewater Treatment Facility, Lake County**

In January 2010, Lake County Sanitation District reported three raw sewage spills totaling approximately 21,690 gallons from the Southeast collection system. The largest of these spills was estimated at approximately 15,300 gallons. Each of these sewage spills occurred from overflowing manholes located at 6820 Meadowbrook Drive in Clearlake. The spills entered an unpaved road and then flowed into Mueller Creek and eventually Clear Lake. Pumper trucks were used during each of the spills to relieve the flows and reduce the total amount of sewage that spilled to surface waters. The spills resulted from surcharging manholes related to periods of heavy rains. Spills have occurred at this location for a number of years because the collection system can not handle the increased flows during storm events. The District stated that measures described in its Interim Collection System Master Plan to relieve the surcharging in the Meadowbrook area will be discussed at the March 2010 Board of Directors meeting. The District is already under a Cleanup and Abatement Order to prevent SSOs, and Water Board staff is evaluating additional enforcement actions. (GJC)

6. **Wastewater Spill, Napa Berryessa Resort Improvement District, Napa County**

In January 2010, Napa Berryessa Resort Improvement District reported a spill of secondary treated wastewater from the overflow pipe in the wastewater collection and recirculation pond.

This spill occurred over a three day period from 25 January through 28 January 2010 and was estimated at approximately 65,000 gallons. The spill was stopped by partially blocking the overflow pipe in the collection pond and encroaching into the available freeboard. The spill entered an unnamed intermittent creek located adjacent to the pond and ultimately into Lake Berryessa. The spill was caused by excessive inflow and infiltration within the collection system from a series of storms that occurred in January and insufficient storage/disposal capacity. On 28 January 2010, Board staff inspected the facility and witnessed the overflow into the creek at approximately 5 to 10 gallons per minute. The District is currently under a 2006 Cease and Desist Order and Connection Restriction that included requirements to make improvements to the wastewater system to increase the disposal and storage capacity. However, staff understands that because of the lack of funding, improvements to increase capacity have not been performed. Board staff is evaluating appropriate enforcement actions. (GJC)

7. Wastewater Spill, Lake Berryessa Resort Improvement District, Napa County

In February 2010, Lake Berryessa Resort Improvement District reported a controlled release of approximately 213,000 gallons of partially treated wastewater from the spray irrigation field tailwater collection ditch into a nearby creek and eventually into Lake Berryessa. The release occurred during five days of non-continuous spraying beginning on 9 February 2010. The District indicated that the controlled release was necessary because the level of wastewater in four of the seven wastewater ponds was above the minimum two-foot freeboard required by the WDRs, and it needed to prevent the ponds from being overtopped. The release resulted from excessive inflow and infiltration within the collection system, and the lack of storage and disposal capacity. The District has spilled millions of gallons of partially treated wastewater over the last five years, and has been issued a substantial ACLO. Although the District has recently made improvements to reduce inflow and infiltration and increase disposal, the District states that additional work is necessary to reduce the chance of future discharges. Board staff is evaluating appropriate enforcement actions. (GJC)

8. Sewage Spill, City of Modesto, San Joaquin County

On 14 February 2010, staff from the City of Modesto responded to a sanitary sewer overflow. The overflow occurred because a temporary pump being used during renovation of a sewer lift station moved due to vibration during use. City staff stopped the overflow by turning the pump off and adjusted the controls so that it could not reactivate. An estimated 13,500 gallons of wastewater from the overflow discharged onto Coffee Road. The majority of the overflow was contained on the east side of Coffee Road with a portion entering a storm drain. Approximately 12,600 gallons of the overflow was recovered from both the road and the storm drain. Modifications to the temporary pumping system were made to prevent another discharge. Staff is evaluating appropriate enforcement actions. (MAF)

9. Sewage Spill, River Highlands CSD Hammonton Gold Village Wastewater Treatment Plant, Yuba County

On 21 January 2010, the disposal pond for the Hammonton Gold Village Wastewater Treatment Plant overflowed and began discharging to Stanford Creek. The spill was due to inflow/infiltration in the collection system and a lack of storage capacity. Runoff from the irrigation field was diverted around the plant to minimize additional rainfall runoff from entering the disposal pond. A diversion dam was set in place and irrigation to lower pond water levels restarted on 27 January 2010 once runoff from the rain events had stopped. Pond discharge stopped on 1 February 2010 after approximately 165,000 gallons of pond effluent discharged to Stanford Creek. Staff is evaluating enforcement actions. (MAF)

10. Sewage Spill, River Highlands CSD Hammonton Gold Village Wastewater Treatment Plant, Yuba County

On 22 January 2010, the electrical panel at the Hammonton Gold Village Wastewater Treatment Plant package plant failed, causing the feed pump to stop pumping primary effluent to the package plant. Approximately 7,000 gallons of primary effluent spilled and entered a drainage channel running to Sanford Creek. Due to the electrical panel failure, remote telemetry was not sending signals. The electrical panel including the remote telemetry has been repaired. Staff is evaluating enforcement actions. (MAF)

11. Sanitary Sewer Overflow (SSO), City of Red Bluff Collection System, Tehama County

On 15 February 2010, the City of Red Bluff had a SSO from a sewer main into a storm drain that drains into the Sacramento River. A root blockage in the main sewer line allowed sewage to flow out of a manhole, into a storm drain. Approximately 1,000 gallons flowed out of the manhole, and an estimated 800 gallons was recovered. The spill was caused by grease deposition. The City of Red Bluff collection system maintenance crews have added the section of main to their preventative maintenance program, and have increased the scheduled preventative maintenance on the portion of the line that caused the SSO. Proper SSO reporting protocols were followed. Central Valley Water Board staff is evaluating appropriate enforcement actions. (GDC)

12. Sanitary Sewer Overflow (SSO), City of Redding, Sacramento River, Shasta County

On 11 January 2010, a construction crane collapsed on the City of Redding's Cypress Street Bridge. The collapse caused a puncture in a portion of the City's sewer line which is attached to the Bridge and suspended over the Sacramento River. The leak was estimated at approximately 3 to 5 gallons per minute. The incident occurred at 1:45 PM and a bypass to eliminate the discharge was in place within 3 hours. The total volume of the spill is estimated at 720 gallons. Repairs to the line were complete by the following morning. The City conducted receiving water sampling upstream and downstream of the discharge during the spill event and on the following day. Bacteria results showed little, if any, impact on the receiving water. The flow in the receiving water at the time of the spill was 3,150 cfs. The City submitted a written report on the incident on 19 January 2010 and on 27 January 2010. (SSG)

DELTA ACTIVITIES

The Bay-Delta Strategic Work plan 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 Work plan tasks as well as other significant Delta activities.

- a) Delta Regional Monitoring Program
The Delta Regional Monitoring Program planning team is scheduling a stakeholder meeting in the spring of 2010 to update to the stakeholders on recently released documents and to solicit input on a draft program plan. The planning team also continues to coordinate with SWAMP towards the development of an on-line monitoring directory to improve coordination of water quality monitoring in the Delta, as well as the greater Central Valley.
- b) Coordinated Federal-State Work Plan on California Water issues
Six federal agencies (DOI, USDA, Department of Army, EPA, Council on Environmental Quality) released an Interim Action Plan in December 2009 for working with California on strategies to provide a sustainable water supply and successful Bay-Delta ecosystem restoration. The Interim Action Plan listed four priorities: working with the State and local authorities on producing the Bay-Delta Conservation Plan, encouraging smarter supply and use of Bay-Delta water, ensuring healthy Bay-Delta ecosystems and improving water quality, and helping deliver drought relief services and ensuring integrated flood risk management. The Interim Action Plan calls for the development of a Coordinated Federal-State Work Plan on California Water issues by February 2010 to focus on the near-term actions to be taken during 2010. On 21 January, our Executive Officer met with US EPA management to discuss components of this Coordinated Work Plan.
- c) Comprehensive State Delta Water Package
Last November, Senate Bill No. 1 of the 2009-2010 Seventh Extraordinary Session was passed by the legislature and signed by the Governor as part of a comprehensive water package to address ecosystem and water supply issues in the Delta. Senate Bill No 1 reforms state policies, programs and governance for the Delta and establishes guidelines for development of a new Delta Plan. The bill assigns numerous tasks to the State Water Board and calls for close coordination on most issues. Among other things, the bill requires the State Water Board to submit to the legislature a prioritized schedule and costs for in-stream flow studies for the Delta by December 2010 and other high priority rivers and streams in the Delta watershed by 2012. The bill also requires the State Water Board to develop Delta outflow recommendations by August 2010. State Water Board held a pre-hearing meeting in January to get input from the interested parties on their proposed process to develop Delta outflow recommendations and will be commencing the Proceeding to develop flow criteria on 22 March. Chris Foe of our staff is assisting State Water Board staff in developing these recommendations and will be devoting about 40% of his time to this effort until the end of August.
- d) The Bay Delta Conservation Plan
The Bay Delta Conservation Plan (Plan) is being prepared through a collaboration of state, federal, and local water agencies, state and federal fish agencies, environmental organizations, and other interested parties. The Plan will identify a set of water flow and habitat restoration actions to contribute to the recovery of endangered and sensitive species and their habitats in California's Sacramento-San Joaquin Delta. Potential habitat restoration and water supply conveyance options included in the Plan will be assessed through an Environmental Impact Report/Environmental Impact Statement. The Plan might include some conservation measures that address water quality stressors including methyl mercury and dissolved oxygen. The draft Plan is expected to be released for public comment in early 2010.
- e) Delta Biological Opinions and National Academy Science Review
In 2004, National Marine Fisheries Service and US Fish and Wildlife Service issued biological opinions (BOs) for the management of the Central Valley Project and State Water Project. The BOs were challenged by fisherman and conservation groups and were both overturned. In 2008 and 2009, new BOs were issued that included reasonable and prudent alternatives with more stringent flow limitations.

At the request of Congress and the Department of Interior and Commerce, a committee of independent experts was recently formed by the National Academy of Science to review the scientific basis of actions that have been and could be taken to achieve an environmentally sustainable Bay-Delta and a reliable water supply. The Committee met from 24 to 28 January to gather information and begin its review. Jerry Bruns and Sue McConnell attended the public meeting on 25 and 26 January. National Marine Fisheries Service and US Fish and Wildlife Service discussed the BOs and explained that the BOs focused on the water projects since they were the action under review. Many speakers directed attention to other stressors in the Bay-Delta; ammonium and pyrethroid pesticides were specifically mentioned.

By 15 March 2010, the committee will issue a report reevaluating the assumptions and conclusions underlying the BOs, and by November 2011, the committee will write a second report identifying stressors that the BOs did not consider, including contaminants and invasive species.

f) Most Recent Challenges to the Delta Biological Opinions

On 5 February 2010, Judge Wanger issued an order temporarily restraining the Bureau of Reclamation from implementing an action in the 2009 NMFS Salmonid BO restricting Old and Middle River flows. This order allowed increased pumping out of the Delta for storage in San Luis Reservoir and was issued because the Bureau of Reclamation potentially violated NEPA in implementing the BOs. On 10 February, the 2008 FWS Delta smelt BO's more stringent Old and Middle River flow requirements were activated because Delta smelt salvage levels were becoming a concern; Judge Wanger denied a request for a temporary restraining order on this BO on the same day. This resulted in reduced pumping out of the Delta until 18 February. On 18 February, the FWS allowed increased pumping from the Delta because only one additional delta smelt had been salvaged since 10 February, and the hydrological conditions indicated that the delta smelt are distributed in the north Delta.

g) Toxicity

Central Valley Water Board staff continues to coordinate with IEP and staff from the State and San Francisco Bay Regional Water Boards on upcoming ammonia and other contaminant-related studies and future work plans. The Central Valley Water Board is funding two studies to develop tools necessary to interpret chronic effects of contaminants. Another Water Board study will monitor ambient conditions in the Delta. Monitoring to more fully characterize Delta island outflows began in January. Central Valley Water Board staff is directing the technical aspects of all four studies.

TMDL BASIN PLANNING

1. Central Valley Pesticide

On 7 January, Pesticide TMDL unit staff hosted a stakeholder meeting for the Central Valley Pesticide TMDL and Basin Plan Amendment. Topics discussed included potential Basin Plan Amendment language and progress by UC Davis on the development of water quality criteria. The next stakeholder meeting is scheduled for 22 March.

In January and February, Pesticide TMDL unit staff released for public review and comment draft UC Davis reports containing aquatic life water quality criteria for the pyrethroid insecticides lambda-cyhalothrin and cyfluthrin. Once the criteria are finalized, they will be considered among other available information in the TMDL/Basin Plan Amendment process.

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

2. Dissolved Oxygen TMDL

As a follow-up to an information item presented at the January Central Valley Water Board Meeting, staff from the San Joaquin River TMDL Unit held a San Joaquin River Dissolved Oxygen TMDL Stakeholder Meeting on 23 February to discuss completing required oxygen demand studies and the conditional prohibition of discharge. Approximately 15 stakeholders attended the meeting with representatives from irrigated agriculture, the City of Stockton and the Army Corps of Engineers. Numerous issues were discussed at the meeting and further discussion will continue during upcoming meetings of the San Joaquin River DO TMDL Technical Working Group on 16 March and 20 April. (CMJ)

3. Delta Methylmercury TMDL- Update on the Stakeholder Process

- a) Draft Basin Plan Amendments. During the stakeholder process from fall 2009 through early February 2010, staff received and incorporated three sets of detailed comments from stakeholders on the draft Basin Plan amendments for the mercury control program. In February 2010, staff wrote responses and revised the draft Basin Plan amendment based on the most recent comments. Staff made the 3 February version of the draft Basin Plan amendments available to stakeholders by email (>760 subscribers to the email list service) and on the Central Valley Water Board's website. On 8 February 2010, staff released the Notice of Public Hearing for the 22 April Central Valley Water Board public hearing. At the same time the draft Basin Plan amendment staff report became available for public review and comment.
- b) Stakeholder Meetings. The large Stakeholder Group met on 24 February 2010 to discuss the draft Basin Plan amendment for the exposure reduction component of the mercury control program. The large Stakeholder Group also discussed development of the adaptive management document that the Memorandum of Intent workgroup had been developing. Due to funding limitations, this was the last stakeholder meeting that was facilitated by the Center for Collaborative Policy. After the April hearing, staff will reconvene the stakeholder group to plan the next steps. (PWM)

SALINITY AND CV SALTS

CV-SALTS

1. **Committee Meetings**

Regular meetings of the CV-SALTS Executive Committee, Technical Advisory Committee, Economic and Social Impact Committee and Education and Outreach Committee were held on 21 January and 10 February. These committees are developing a salinity and nutrient management plan for the Central Valley and portions of the plan will be added to the Basin Plan. Staff arranges presentations at these meetings to develop coordination between Water Board projects and Committee efforts. At the January meeting, Joe Karkoski provided a briefing on the Irrigated Lands Regulatory Program and Emily Alejandrino provided information on DWR's Local Groundwater Assistance Grants. At the February meeting, Steve Camacho, a member of the State Water Board staff, provided a briefing on the Nutrient Numeric Endpoint Strategy that is under development. Parties interested in joining the process can find information on future committee meetings posted at: <http://www.cvsalinity.org/> (RJS)

DAIRIES

1. **Alternatives to Individual Groundwater Monitoring at Dairies**

The dairy industry is preparing an alternative process to individual groundwater monitoring at dairies covered by the Dairy General Order (Order No.R5-2007-0035). A stakeholder meeting with representatives of the dairy industry, environmental groups, environmental justice groups, and interested agencies was held on 4 February 2010. This meeting was the first meeting to discuss the specific alternative currently under preparation. Staff is working diligently with interested parties in an attempt to develop an alternative program that can provide the data needed to evaluate what impact dairies are having on groundwater quality. Additional stakeholder meetings are anticipated in the coming months. Approval of an alternative groundwater monitoring program would require modification of Monitoring and Reporting Program No.R5-2007-0035. Staff is encouraged by the progress toward an acceptable alternative. (CLR)

2. **Dairy Digester Program Environmental Impact Report Technical Advisory Group**

On February 17th, Environmental Science Associates (ESA) held the first of four Technical Advisory Group (TAG) meetings for a Dairy Digester Program Environmental Impact Report (EIR) as part of its contract with the Central Valley Regional Water Quality Control Board. The Program EIR is being prepared to support the development of a General Waste Discharge Requirements (WDR) Order for dairy manure digester and co-digester facilities. One of the TAG's goals is to help identify potential environmental impacts to be considered in the Program EIR. The TAG's input will also be valuable in identifying the types of projects being considered as well as regulatory, technological and economic issues related to implementing manure digester and co-digester projects. Topics discussed during the February Dairy Digester TAG meeting included: existing dairy digester projects in the Central Valley, relevant existing California Environmental Quality Act (CEQA) documents, roadblocks to digester development, potential co-digestion feedstocks, uses of biogas, and best management practices to protect groundwater. The three remaining TAG meetings are tentatively scheduled for March, April, and June. (SJK)

3. **Dairy Groundwater Monitoring Directives**

In January and February 2010, staff prepared, and the Executive Officer issued, California Water Code Section 13267 Orders to owners and operators of 27 dairy facilities directing them to prepare monitoring well installation and sampling plans to implement groundwater monitoring at their facilities. The directives were issued in accordance with Attachment A of Monitoring and Reporting Program (MRP) R5-2007-0035, a part of the Dairy General Order (Order No. R5-2007-0035). Dairies receiving the directives were identified using a ranking process which assessed the threat that each dairy poses to groundwater quality, with the highest-ranked sites receiving the directive. The ranking process is required by and described in the MRP. Directives will continue to be issued quarterly. This is a continuation of directives sent in September and October of 2009. (CMH and DEE)

4. **Dairy Expedited Settlement Letters**

In December 2009, staff in Rancho Cordova and Fresno prepared, and the Executive Officer issued, Expedited Settlement Letters to operators and owners of 12 dairy facilities for non-submission of the 2008 Annual Report, which was due 1 July 2009 as required by the General Waste Discharge Requirements for Existing Milk Cow Dairies (General Order). The Expedited Settlement Letters were issued in lieu of Administrative Civil Liability Complaint Orders, and were issued as a follow-up to a Notice of Violation that notified the dischargers of their failure to submit the 2008 Annual Report. The Expedited Settlement Letters give affected dischargers the opportunity to settle the outstanding violation through an expedited settlement process by submitting the past-due Annual Report and paying a penalty of \$2,000.

The conditional settlement offers were to be accepted by 14 January 2010. Offers were accepted on behalf of two dairies and are currently in a 30 day public review process. Discussions are underway with representatives of an additional five dairies, and enforcement options are being evaluated for the five remaining dairies. (DEE and CMH)

5. Dairy Groundwater Monitoring Enforcement

In January 2010, staff issued Notices of Violation to owners and operators of nine dairy facilities who failed to respond to California Water Code Section 13267 Orders issued in fall 2009 directing them to prepare monitoring well installation and sampling plans. (CMH and DEE)

6. Dairy Enforcement Activities

On 7 January 2010, an Administrative Civil Liability Order was finalized with the owners of Langworth Dairy for an off-property discharge of wastewater containing manure to surface water in March 2008. The settlement was in the amount of \$4,000 and included a payment schedule.

On 15 May 2009 Administrative Civil Liability complaints were issued to owners of two dairies for failure to file paperwork required under the Dairy General Order on two separate occasions. The complaints were in the amount of \$2,000. One complaint was resolved by payment of \$2,000 on 16 December 2009. One complaint was reissued on 14 January 2010 as an Administrative Civil Liability Order with a schedule for payment of the \$2,000 liability.

On 15 May 2009 Administrative Civil Liability Complaints were issued to owners and operators of seven dairies for failure to file paperwork required under the Dairy General Order that was due 31 December 2008. The complaints were in the amount of \$1,000. Of the seven, staff received waivers and payments for three. Two of the complaints were rescinded upon further investigation. One complaint was reissued on 14 January 2010 as an Administrative Civil Liability Order with a schedule for payment of the \$1,000 liability. The remaining complaint was returned as undeliverable and is currently being evaluated. (CMH)

Spills, Leaks, Complaints and Other Water Quality Threats or Impacts

1. Renn Transportation, Inc. (Discharger)

Under a Cleanup and Abatement Order and Waste Discharge Requirements, Renn Transportation, Inc. has completed a pilot test to clean up a 1,500 gallon diesel/gasoline spill site near Quincy, Plumas County. The Discharger circulated remediation compounds through the affected fractured bedrock aquifer over a 90-day period and monitored treatment effectiveness. Results indicated that near-source TPHd in groundwater was reduced from an initial concentration of 25,000 ug/L down to 260 ug/L (over 95% pollutant reduction). Post-treatment verification monitoring results may warrant further work after the Second Quarter 2010. (EJR)

GENERAL

1. **Developing a Groundwater Quality Protection Strategy for the Central Valley Region (Strategy) update**

The draft Strategy was to be posted for public review and comment during January 2010 with public workshops in early February. Due to unanticipated delays, the draft Strategy and workshops have been postponed. It is our intent to allow sufficient time for stakeholders to review the draft Strategy prior to workshops to solicit comments. Workshop dates and locations will be made available at the time of the draft Strategy release. (PDB)

2. **Interim Flow Releases Resume in Upper San Joaquin River**

On 1 February, the second in a series of interim flow releases from Friant Dam began as part of the San Joaquin River Restoration Project. Releases have progressively increased from 350-cfs to 400-cfs by the end of February. The releases are expected to reach the Mendota Pool by March 1st, with a goal of maintaining 255-cfs at Gravelly Ford. Staff from the US Bureau of Reclamation (USBR) is currently measuring water quality at key locations along the re-wetted channel. Staff is continuing to work with the USBR on developing an adaptable water quality monitoring plan for the next several years of the project. (TJK)

3. **Water Quality Monitoring Report: San Joaquin River Eastside Sub-basin**

The draft report for surface water monitoring in the Eastside Sub-basin of the San Joaquin River (Stanislaus, Tuolumne, and Merced River Watershed and Farmington and Valley Floor Drainage Areas) has been posted on the Central Valley Water Board website for public comment at http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/swamp_water_quality_reports/index.shtml

Constituents monitored included field specific conductivity, pH, dissolved oxygen, total coliform, *E. coli*, turbidity, total suspended solids, total organic carbon, water column toxicity, partial minerals (boron, chloride, sulfate, magnesium, and hardness), and total trace elements (arsenic, cadmium, chromium, copper, lead, nickel, zinc, and mercury). Data was combined with additional information for the 2008/2010 Integrated Report. This report provides a more detailed review of spatial and temporal trends as well as potential beneficial use concerns. (CLG)

4. **Meeting to discuss the Red Bluff Diversion Dam Fish Passage Improvement Project, Tehama County**

On 3 February 2010, staff met with the owner of the property where the proposed Red Bluff Diversion Dam (RBDD) Fish Passage Improvement Project will be located. The project is the culmination of several entities (U.S. Bureau of Reclamation, Tehama-Colusa Canal Authority and PACTIV) to find a balanced solution that improves fish passage in the Sacramento River and increasing the reliability of irrigation water deliveries. The primary objective of the project is to reduce or minimize the impacts of the RBDD on juvenile and adult anadromous fish migration. The project has received over \$109 million dollars from the American Recovery and Reinvestment Act, with an estimated completed price tag of over \$220 million dollars. The project will be constructed over several years. (GDC)

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Long-term Program / Environmental Impact Report (EIR)

Central Valley Water Board staff has invited stakeholders to form small workgroups as part of the stakeholder participation process for the long-term program. The goal for the small workgroups is to provide staff input in developing the EIR, economics analysis, and staff recommendation for the long-term program. Four small workgroups were established during January and February 2010. The workgroups represented include environmental and environmental justice, agricultural industry and coalition groups, State agencies, and organic farmers. Upon formation of each workgroup, staff circulated a draft economics analysis plan and EIR assumptions.

On 27 January and 2 February staff met with the environmental/environmental justice and agricultural small workgroups, respectively. At these meetings the small workgroups discussed the draft economics plan and EIR assumptions.

On 18 February staff held a long-term program general stakeholder meeting to present ILRP process updates and to review and discuss the proposed procedures and major assumptions for developing the economics analysis and EIR.

Compliance Outreach – Postcards

In January 2010, Central Valley Water Board staff issued 103 outreach postcards to potential owners of irrigated lands in Colusa County, which is within the Sacramento Valley Water Quality Coalition area. The postcard recipients were identified using county tax assessor rolls, and state and federal agricultural land use databases. The postcards advise qualifying owners of irrigated lands to obtain the proper regulatory coverage. (WO)

Compliance Outreach - Exemption Claim Inspections

In January and February 2010, Central Valley Water Board staff completed eight inspections to verify landowner claims of exemptions 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. These claims create a need for verification inspections, which staff regularly conducts. (BLS)

Enforcement

California Water Code section 13267 Orders

In February 2010, the Executive Officer issued 166 CWC §13267 Orders to potential owners of irrigated lands in the Sacramento Valley Water Quality Coalition area. These Orders were issued to landowners in Placer County who first received an outreach postcard on either 30 October or 11 November 2009 and subsequently did not respond. (WO)

In February 2010, 34 NOVs were mailed for failure to submit a technical report under CWC §13267. The NOVs were mailed to landowners in El Dorado and Sacramento Counties. (WO)

Unauthorized Discharges and Complaints

Irrigated Lands Regulatory Program staff responded to a fish kill on the Blakeley Canal in Kings County on 16 February 2010. Staff collected samples to be analyzed for toxicity and pesticides. (BV)

Coalition Groups

On 26 January, staff sent a letter reminding the Coalitions that analysis of sediment toxicity must be performed by a laboratory that has NELAP accreditation or appropriate certification. Using a laboratory with the appropriate accreditation/certification for the analysis being conducted is a general requirement in the Coalition Group MRP Order. Currently, some Coalitions may not be using a NELAP accredited

laboratory for sediment testing. Staff requested that the Coalitions submit a letter by 15 February, describing their plans to ensure the results are from a laboratory that will have the necessary accreditation. Staff will work with the Coalitions to address any difficulties encountered in meeting this requirement. (JK)

California Rice Commission (CRC)

A multi-year Monitoring and Reporting Program (MRP) is being reviewed by management. The MRP will be in effect until 31 December 2012. The CRC 2009 Annual Monitoring Report and the draft Propanil Management Plan are being reviewed by staff.

On 19 January a draft resolution for the Rice Pesticides Program (which primarily addresses Thiobencarb) was sent by email to the CRC and stakeholders for review and comment. On 9 February Central Valley Water Board staff met with the CRC and interested water utilities to discuss the comments received. The resolution was revised based on comments from the CRC and the water utilities and received their concurrence, as well as concurrence from the Department of Pesticide Regulation. (MW)

East San Joaquin Water Quality Coalition (ESJWQC)

On 10 February, staff held the sixth quarterly meeting with the ESJWQC to discuss progress of implementing the Coalition's Management Plan. The ESJWQC indicated that they are meeting performance goals and time frames for the high priority areas as per agreement and description in the 16 December 2009 Staff letter sent to the ESJWQC. TMDL requirements and Staff expectations will be discussed in a meeting at the Regional Board office on 3 March 2010. The ESJWQC has invested resources in an audience response technology that allows growers to use response pads during meetings to provide instant responses to the ESJWQC inquiries on monitoring results as well as management plan implementation. The information provided by growers is recorded in a computer and analyzed by the ESJWQC. The ESJWQC is expecting that incorporation of the audience response technology will improve the process for following up with growers on management practices implementation in the high priority areas.

On 19 February, the ESJWQC held a follow-up Management Plan meeting with growers from the Duck Slough/Mariposa Creek sub-watershed. Duck Slough at Gurr Rd is one of the first three high priority areas where the management plan focused-approach strategy was implemented. Meeting results will be provided in the 1 April 2010 Annual Management Plan Update Report, including a summary of the management practices that growers were encouraged to implement and the actual management practices implemented. The ESJWQC used the audience response technology for this meeting. The ESJWQC has scheduled a follow-up meeting on 26 February 2010 in Modesto for the Dry Creek at Wellsford sub-watershed. (DLH)

Goose Lake Coalition

On 26 January, Goose Lake Coalition held a quarterly sub-coalition meeting in New Pine Creek. Central Valley Water Board staff was unable to attend the meeting due to a combination of poor road conditions and scheduling conflicts. The meeting was well attended by coalition members. One of the primary agenda items was the upcoming Management Plan for *E. coli*. Completion of the draft Management Plan for review by Irrigated Lands Program management staff is expected by the end of February 2010. (BL)

Pleasant Valley Coalition

Westlands Storm water Coalition and Pleasant Valley Coalition have approved an MOU that allows Pleasant Valley growers into Westlands Coalition. The Pleasant Valley Coalition is currently gathering landowner agreements from its members who wish to join Westlands. Once Pleasant Valley growers have signed and submitted the agreements, regulatory coverage for Pleasant Valley Coalition will be terminated. (BV)

Sacramento Valley Water Quality Coalition (SVWQC)

The SVWQC MRP Order No. R5-2009-0875 was approved by the Executive Officer on 21 December 2009. Implementation began on 1 January 2010. The full MRP Order is available on the Central Valley Water Board website. Follow the links to the Irrigated Lands Regulatory Program and Monitoring Activity.

On 19 January, Joe Karkoski and Susan Fregien met with representatives of the Fish Friendly Certification Program (FFCP) and the El Dorado Subwatershed Group to discuss how requirements of the ILRP and the FFCP might be met through coordinated efforts. The two groups plan to coordinate further as details of the FFCP are developed for El Dorado County.

On 22 January, staff received the draft Pilot Watershed Management Practices Plan Proposal from the El Dorado Subwatershed Group. Staff conducted a detailed review of the proposal and provided comments to the Coalition and Subwatershed representatives on 8 February. The revised proposal is due on 1 March.

On 27 January, Susan Fregien attended the Sacramento-Amador Water Quality Alliance Annual Growers' Meeting. Agenda items included an overview of the Coalition's structure, Long-term Irrigated Lands Program update, water quality monitoring results summary, Management Plan requirements, and Best Management Practices information.

On 10 February, Susan Fregien attended the Placer-Nevada-South Sutter-North Sacramento (PNSSNS) Subwatershed's Annual Grower's Meeting. Agenda items included financial report, Best Management Practices, update on the ILRP's enforcement activities and the Long-term Program, 2009 water quality monitoring results, and a Proposed Low Impact Monitoring Plan from the subwatershed group's representatives.

On 22 February, staff received the Pilot Watershed Management Practices Plan Proposal from the Napa County Putah Creek Watershed Group. The proposal is the first of two requirements that must be approved by the Executive Officer before the Pilot Plan can begin in the subwatershed's area. This proposal incorporates changes requested by staff after review of the first draft. Staff will conduct a second review of the proposal to verify that requirements of the Pilot Plan are met, as defined in the SVWQC MRP Order, and prepare a response letter. (SF)

San Joaquin County and Delta Water Quality Coalition (SJCDWQC)

On 10 February, staff held the sixth quarterly meeting with the San Joaquin County and Delta Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan. The Coalition indicated that obtaining Pesticide Use Reports from San Joaquin County in a timely manner is getting more difficult due to budget cuts. The Coalition's annual monitoring report is due 1 March. (CJ)

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

Staff prepared a draft conditional approval of the Southern San Joaquin Valley Water Quality Coalition's revised Monitoring and Reporting Program Plan. The draft is currently being reviewed by the Coalition. (BV)

Westlands Coalition

Westlands Storm water Coalition reported that a recent series of storms provided enough precipitation to create flow in each of the Coalition's three monitored ephemeral streams. Westlands responded quickly to the detections of flow and collected samples. (BV)

Data Management

The ILRP Participant Monitoring Data web site currently has data available through the end of 2009 for six out of seven Coalitions and the CRC who have submitted quarterly or annual monitoring reports through 31 December 2009. All reports received through this time frame that arrived in an electronic SWAMP comparable format are currently being loaded into the ILRP SWAMP comparable master

database. These reports and future data sets will eventually be sent to the UC Davis Data Center to be uploaded onto the California Environmental Data Exchange Network. The next updates to the ILRP web site are scheduled to occur in spring and early summer and will add the remaining Coalition data submitted on 31 Dec 2009. Irrigation District annual reports and Coalition quarterly data submissions are due on March 1st.

With the assistance of the San Joaquin Watershed SWAMP unit, staff has begun a project to create a consolidated ILRP data warehouse. This data warehouse will allow for the older formatted data to be combined with the newer SWAMP formatted data being received. This warehouse will allow 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. Staff has also met with the State Water Board Office of Information and Management and Analysis to discuss the possibility of developing a query reporting tool that will analyze the ILRP data within the new warehouse. OIMA has asked staff to provide examples of the types of outputs the assessment data base needs to perform. Staff will be holding follow up meetings with OIMA in the near future. (MM)

MOU Pilot Program

Contract requests to amend and extend the contracts with Butte and Glenn Counties have been submitted. The request will extend the contracts to 31 March 2011. The Quarterly Report for October-December 2009 has been submitted for review to the Chair of the State Water Board and posted on the ILRP website. (MW)

ILRP Staff Initials Key:

AL	Adam Laputz	DK	Dana Kulesza	MM	Melissa Morris
BL	Ben Letton	DLH	Dania Huggins	MW	Margaret Wong
BLS	Brett Stevens	DS	David Sholes	PH	Paul Hann
BV	Brent Vanderburgh	JK	Joe Karkoski	SF	Susan Fregien
CJ	Chris Jimmerson	KWE	Kerry Elliot	TB	Terry Bechtel
CR	Clay Rodgers	LW	Lisa Wilson	WO	Wesley Ouimette

STAFF RECOGNITION

FEBRUARY 2010- EMPLOYEE OF THE MONTH RECIPIENTS

REDDING OFFICE

Candidate: Angela Wilson
Title: Engineering Geologist
Unit: Timber Unit
Supervisor: George Day

Angela is the lead of the timber unit in the Redding office and the region wide timber activities program manager. In that capacity she actively participates in the Board of Forestry's monthly meetings and associated subcommittees that establish policy for timber activities on private lands, including the interagency mitigation monitoring program (IMMP) and the monitoring study group (MSG). Angela is also involved in the policies affecting public lands. She recently attended the joint USFS/State Water Board Best Management Practices Evaluation Program (BMPEP) workshop in Placerville. The workshop provided staff with an opportunity to discuss the BMPs used by the USFS with federal staff members. This workshop was preparatory to the revision of the USFS Water Quality Management Plan (WQMP) that is being undertaken at the State Water Board policy level for the development of the statewide USFS Waiver

Angela also (single handedly) drafted the revised Waiver, the staff report and the response to comments for the Waiver of Waste Discharge Requirements for Discharges Related to Timber Harvest Activities. The Waiver is to be heard at the Regional Water Boards March 2010 meeting and Angela will be there to provide staff testimony. Her effort during the last year has been exceptional. Angela's effort has helped the organization achieve its goals of ensuring the protection of water quality by renewing and enforcing the regulatory requirements of the timber harvest activities program. Thank you, Angela, for your hard work!

Candidate: Kristin Shelton
Title: Water Resources Control Engineer
Unit: Aboveground Tanks Cleanup Unit
Supervisor: Wendy Cohen

Kristi had 11 years of experience in soil and groundwater cleanup at two consulting firms before joining the Regional Board staff in July 2007. Thus, she brought a fresh perspective to the work of overseeing cleanups at aboveground tank and petroleum pipeline sites. Kristi oversees nearly 50 sites, including several tough cases where Dischargers are reluctant to conduct the necessary work or where neighboring citizens are very interested in the ongoing work. She keeps her projects moving forward in the cleanup process and has closed two cases, with at least three more cases in the final stages of the closure process.

Kristi always maintains a calm and professional demeanor in her interactions with the Dischargers and the public. She is a diligent and conscientious worker who is happy to take on new projects and assignments. In April 2009, she passed the PE exam and is now signed up to take the Senior WRCE exam. She also is taking this year's Project Management training, which shows a commitment to the Board and her future here.

Kristi has made significant contributions in her time at the Board. She is active in the Employees Association (EA), organized the office holiday parties in 2008 and 2009, and served as the EA's 2nd Vice President in 2009. She is always willing to help other staff with advice and guidance. She is organized, dependable, and an asset to the Board.

Candidate: Elizabeth Lee
Title: Water Resources Control Engineer
Unit: Delta/San Joaquin Watershed Unit
Supervisor: Jim Marshall

Liz is a Water Resources Control Engineer in the Delta/San Joaquin NPDES Permitting Unit and has been with the Board since January 2008. Liz is a highly valued employee with exceptional work habits. She is very dependable, utilizes the work day effectively, and works quickly and efficiently. When something needs to get done right away, Liz is the person for the job. She is always willing to take on work and is a great resource when large workload suddenly falls upon the Section.

Liz is a fast learner and a very productive employee. Her work is of high quality and she consistently exceeds performance expectations. Liz has developed into a good permit writer and is an important contributor to the success of the Board. Congratulations Liz!

Candidate: Della Kramer
Title: Management Services Technician
Unit: Administrative Services Unit
Supervisor: Linda Bracamonte

Della consistently demonstrates the highest level of customer service in her work for the Board. On a recent occasion, Della was asked to simply send out a letter for technical staff. Although she wasn't asked to do so, she reviewed the letter for accuracy and in spite of technical staff having already finalized the letter. Della found an error and brought it to the attention of technical staff. The error was corrected and the letter went out as it was intended to. Della's efforts prevented a mishap in the issuing of this letter, prevented confusion on the part of the recipient and saved time for our technical staff.

Della is an outstanding employee and I am proud to nominate her for this month's award.

FRESNO OFFICE

Candidate: Jan Alfson
Unit: Site Cleanup Unit
Title: Engineering Geologist
Supervisor: Russell Walls

Jan is the project manager for several high profile cleanups such as the Big West refinery and Hilmar Cheese. During the subject month, Jan reviewed, evaluated, and commented on multiple work plans and/or reports on his sites. In addition, he was instrumental in preparing the presentation regarding the status of the Cleanup and Abatement Order on Hilmar Cheese for the January Board meeting. Jan's experience and effectiveness allows him to manage a large work load while providing excellent customer service to dischargers, consultants, and stakeholders.

PUBLIC OUTREACH

On 2 December 2009, TJ Kopshy met with Michelle Banonis (Reclamation), Jeff McLain (U.S. Fish and Wildlife), Ernie Taylor (DWR), and Chris Eacock (Reclamation) to discuss the development of a monitoring plan for the SJR Restoration Project.

On 6 January, Kim Schwab attended the monthly meeting of the American Basin Council of Watersheds, which includes Dry Creek, Pleasant Grove/Curry Creek and Auburn Ravine/Coon Creek Watersheds.

On 12 January, Gen Sparks met with representatives of the USFS and Westside Resource Conservation District to review potential implementation projects for compliance with the Clear Lake Mercury and Nutrient TMDLs.

On 13 January, Guy Chetelat participated in the Stillwater / Churn Creek Watershed Group meeting in Redding that covered rainfall monitoring, creek clean up projects, and citizen water quality monitoring.

On 13 January, Greg Cash gave a presentation at the Regional Conference for South West Water Company Facility Managers Meeting, held in Sacramento. The presentation detailed NPDES inspection procedures, along with discussions of the General Statewide Sanitary Sewer Order and electronic self-monitoring report submittals through the CIWQS database.

On 14 January, Gen Sparks participated in the California Wetland Monitoring Working Group meeting, which discussed the wetland classification, wetland monitoring strategy, and US Corps of Engineers' monitoring and performance criteria.

On 14 January, 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 five 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 14 January, Antonia Vorster presented Keys to Success to Cleanup Brownfields in California at the NBA California's Signature event in Sacramento. West Sacramento Mayor Chris Cabaldon and Sacramento Council Member Steve Cohn gave a lively introduction to the event followed by two separate panel discussions.

On 15 January 2010, Eric Rapport, Redding Office, spoke to sixth grade classes at Sequoia Middle School about earthquakes. He showed students methods for locating epicenters and interpreting magnitudes. He then led a discussion on recent earthquakes near Ferndale, California, and Haiti.

On 19 January, Jamie Lu attended the Urban Pesticides Committee (UPC) Meeting. Topics discussed included agency updates and a summary of DPR's bifenthrin reevaluation.

On 19 January, Jeanne Chilcott and Alisha Wenzel met with Stephen McCord of Larry Walker Associates to discuss planned SWAMP monitoring in the Sacramento River Watershed and the future of the Sacramento River Watershed Program.

On 21 January, Alisha Wenzel, Dennis Heiman, and Guy Chetelat attended the Sacramento River Watershed Program Annual Stakeholders Meeting. The meeting offered a series of presentations on the past and future of the SRWP, as well as presentations on the monitoring and restoration efforts of various watershed groups.

On 21 January, Guy Chetelat participated in the annual stakeholders meeting of the Sacramento River Watershed Program in Sacramento. The meeting included presentations by groups conducting restoration work on the lower Sacramento and Feather Rivers.

On 21 January, Gen Sparks met with representatives of Caltrans, USBLM, Lake County, City of Clearlake, City of Lakeport, the Westside Resource Conservation District, Habematolel Pomo of Upper Lake tribe and Big Valley Rancheria Tribe to discuss progress on the Clear Lake Nutrient and Mercury

TMDLs, the development of proposed collaborative projects, and the status of different on-going projects across the watershed.

On 21 January, Kim Schwab participated in the Alder Creek Watershed Project stakeholder meeting. The project is funded by a CALFED Watershed Program Plan grant (Prop. 50 2005) administered by the CA Department of Water Resources and managed by the City of Folsom storm water quality program. The City of Folsom is a co-permittee with the cities of Galt, Citrus Heights, Rancho Cordova, Elk Grove, Sacramento and County of Sacramento under a Phase I Municipal Separate Storm Sewer System (MS4) permit.

On 21 January, Kim Schwab spoke at a public meeting held in the Pocket Area of the City of Sacramento. Councilmember Robbie Waters scheduled the meeting to discuss the containerized green waste program with his constituents.

On 22 January, Danny McClure participated in a public meeting on harmonizing the characterizations of pesticide effects on aquatic life done by USEPA Office of Pesticide Programs (OPP) which regulates pesticide use under the Federal Insecticide, Fungicide, and Rodenticide Act, and the USEPA Office of Water (OW), which implements the Clean Water Act. More information is available from USEPA at http://www.epa.gov/oppefed1/cwa_fifra_effects_methodology/index.html#meetings_docket

On 23 January, Greg Cash attended the Annual Awards Banquet for the Northern Sacramento Valley Section of the California Water Environmental Association. During the awards presentation, Mr. Cash presented the 2009 Waste Water Treatment Plant Operator of the Year award to Mr. John Dobson (City of Willows WWTP). Additionally, the City of Willows WWTP also was awarded the 2009 Waste Water Treatment of Plant of the Year for 2009 for the Northern Sacramento Valley.

On 26 January, Kim Schwab introduced Gerald Montgomery at the local Association of Engineering Geologists (AEG) monthly meeting in the City of Davis.

On 27 January, Alisha Wenzel and Dennis Heiman met with staff from the Department of Water Resources Northern District to discuss the collaborative monitoring in the upper Sacramento River Watershed.

On 27 January, Jeanne Chilcott and TJ Kopsky met with Chris Eacock (Reclamation) to discuss the coordination of water quality monitoring in the San Joaquin River for the Grasslands Bypass Project and the San Joaquin River Restoration Project.

On 28 January, Drew Coe, Matt Boone, Debra Hallis and Angela Wilson attended the CAL FIRE training for the new Anadromous Salmonid Protection rules (a January 2010 addition to the Forest Practice Rules governing timber harvest activities on private lands statewide).

On 28 January, Alex MacDonald, and James Taylor participated in the Sacramento Groundwater Authority Regional Contamination Issues meeting at the Sacramento Suburban Water District in Sacramento, California.

On 28 January, Kim Schwab toured several sites where redevelopment is planned using low impact development design strategies. The Cities of Roseville and Rocklin, the Town of Loomis, Roseville Utility Exploration Center, United Natural Foods, STAR ECO Station and the Dry Creek Conservancy have partnered on a collaborative watershed protection and awareness project for which they're applying for grant funding to install devices at four sites to demonstrate various ways in which storm water can be diverted or filtered to reduce non-point source/urban pollution in our creeks.

On 2 February, Guy Chetelat met with the Big Chico Creek citizen water-quality monitoring program leader to provide guidance on data interpretation, data presentation and future monitoring strategies.

On 3 February 2010, Jeanne Chilcott and TJ Kopsky met with the Fisheries Management Meeting for the SJR Restoration Project to discuss the Water Quality Monitoring. Staff from the US Bureau of Reclamation, US EPA, US Fish and Wildlife Service, and National Marine Fisheries also participated.

On 4 February 2010, TJ Kopschy began meeting with the SJRRP Stream Flow and Water Quality Subgroup every Thursday to discuss water quality data for the Interim flows as well as water movement through the river channel.

On 4 February, Guy Chetelat met with the upper Sacramento / McCloud / lower Pit Regional Water Management Group in Dunsmuir to provide guidance on their IRWM planning process.

On 4 February, Janis Cooke, Michelle Wood, and Patrick Morris attended the Delta Tributaries Mercury Council. There were presentations on the Influence of Food Web Dynamics on Mercury Bioaccumulation in Nature, Monitoring Mercury Bioaccumulation in Central Valley & Delta Wetlands, and the Suction Dredging Permit Program. Staff gave an update on the Delta mercury control program.

On 4 February, Janis Cooke attended a meeting of the Yolo Bypass Working Group and gave a brief presentation about the proposed Delta Methylmercury and Mercury Control Program.

On 8 February, Guy Chetelat participated in a technical advisory committee meeting in Orland hosted by Glenn County RCD to release the lower Stony Creek Watershed Restoration Plan. The restoration plan addresses degraded channel and floodplain conditions and problematic erosion produced by sediment depletion, hydrograph changes, and invasive riparian plants such as Arundo.

On 9-11 February, Drew Coe, Matt Boone and Angela Wilson attended the joint UC/U.S. Forest Service Pre- and Post-Wildfire Forest Management for Ecological Restoration conference. The conference provided up-to-date significant scientific data on fire risk, trends, mitigations and resource impacts.

On 10 February, James Taylor, Region 5 Engineering Geologist and McClellan Remedial Project Manager presented "Protocols for Use of Five Passive Samplers to Sample for a Variety of Contaminants in Groundwater" at the Groundwater Resources Association of California, Sacramento Branch Meeting.

On 11 February, Kim Schwab and Dan Schultz attend the State Water Board sponsored State-Wide Hydromodification Workgroup (ModSquad) where Regional Board storm water staff, along with local Cities and Counties, discussed hydromodification issues.

On 16 February, James Taylor participated in the former McClellan Air Force Base Restoration Advisory Board (RAB) meeting at the North Highlands Park and Recreation District Center in North Highlands, California.

On 16-18 February 2009, Margaret Wong gave presentations at the mandatory Thiobencarb Stewardship Certification meetings in Woodland, Yuba City, and Maxwell. The meetings are given by the California Rice Commission and required by the Rice Pesticides Program for all growers applying thiobencarb to their rice fields. The presentation addressed the recent thiobencarb monitoring results and actions the Central Valley Water Board may take if performance goals are not met by the growers. (MW)

On 17 February, Joe Karkoski gave a presentation to the Madera County Farm Bureau at their Annual Water Conference.

On 17 February, Chris Jimmerson presented an Irrigated Lands Regulatory Program (ILRP) update at the Department of Pesticide Regulation. The presentation provided an overall look at ILRP program monitoring efforts and the Coalitions' Management Plan implementation efforts. (CJ)

On 17 February, Jeanne Chilcott, Anne Littlejohn, Calvin Yang and Victoria Bowles met with staff from the San Francisco Estuary Institute (SFEI) via webex to review a demonstration of the newly revised Central Valley Monitoring Directory.

On 22 February, Jeanne Chilcott and Alisha Wenzel met with staff from the DWR Southern District and DFG to discuss the potential for SWAMP to help support bioassessment monitoring planned for the San Joaquin Restoration Project.

On 24 February, Jeanne Chilcott, Anne Littlejohn and Calvin Yang met with staff from the San Francisco Estuary Institute (SFEI) in Oakland, CA to further discuss new enhancements and modifications to the Central Valley Monitoring Directory.

On 25 February, Catherine Gill and Gordon VanCamp met with the Stacey Swenson and Susan Mason from the SWAMP Data Management Team and Rob Atwill, Stefan Wuertz, Xundi Li, and Alexander Schriewer from UC Davis to discuss loading the Central Valley Bacteria Source Identification Study data into the statewide SWAMP database. A draft project report is expected in March 2010.

On 28 February, Sue McConnell and Gen Sparks attended the American River Basin IRWMP Planning Forum, which discussed IRWM Plan goals and objectives, project specific needs for projects incorporated within the plan and grant opportunities, and future direction of the Planning Forum.

PERSONNEL
For Period January – February 2010

PERSONNEL

<u>Total Positions</u> 248.6	<u>Vacancies</u> 10.3	<u>Gained</u> 9	<u>Lost</u> 1
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Gains:

Steven Thompson, Staff Services Analyst
Lani Andam, Water Resource Control Engineer
Daniel Shultz, Environmental Scientist
Skyler Anderson, Environmental Scientist
Meghan Sullivan, Environmental Scientist
Rick Moss, CEA III
Lauria Molitoris, Office Technician
Robert Crandall, CEA III
Michael Fischer, Water Resource Control Engineer

Promotions:

Rodgers, Clay Rodgers, Senior Engineering Geologist – CEA III
Stephanie Fong, Environmental Scientist – Senior Environmental Scientist

Leave of Absence:

None

Return from LOA:

None

Separations:

Supple, Bridget, Environmental Scientist

Retirement:

None

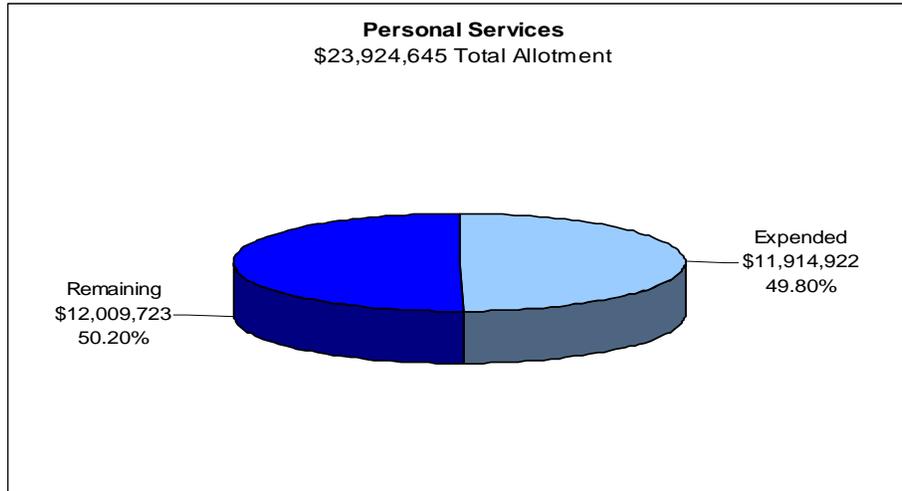
TRAINING (1/1/2010 – 2/23/2010)

<u>Course Title</u>	<u># of Attendees</u>
Basic Supervision, Part	1
Bill Analysis	2
Civil Engineering PE Review Courses	1
CIWQS Training	2
Forest Vegetation Management Conference	1
Mercury Symposium	1
NPDES Permit Writers Training	5
Project Management Training	2
SWAMP Webinar	3
Water Quality Goals	5

FISCAL REPORT
Based on December 2009 Expenditures
(An Average of 50% should have been expended to date)

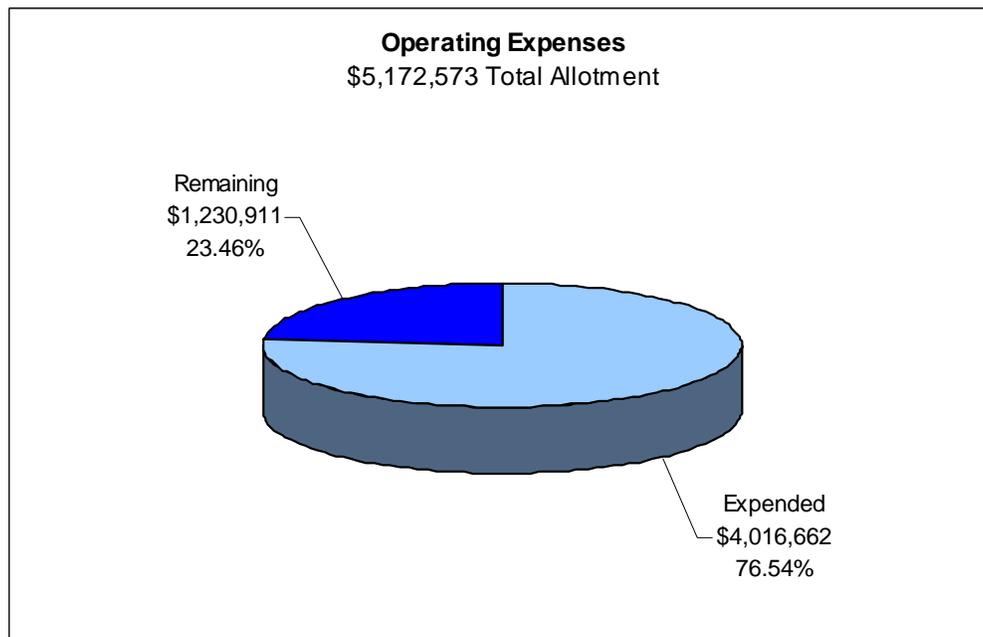
PERSONAL SERVICES

Our Personal Services Budget is currently \$23,924,645. The current numbers reflect three mandatory work furlough days through the end of the fiscal year.



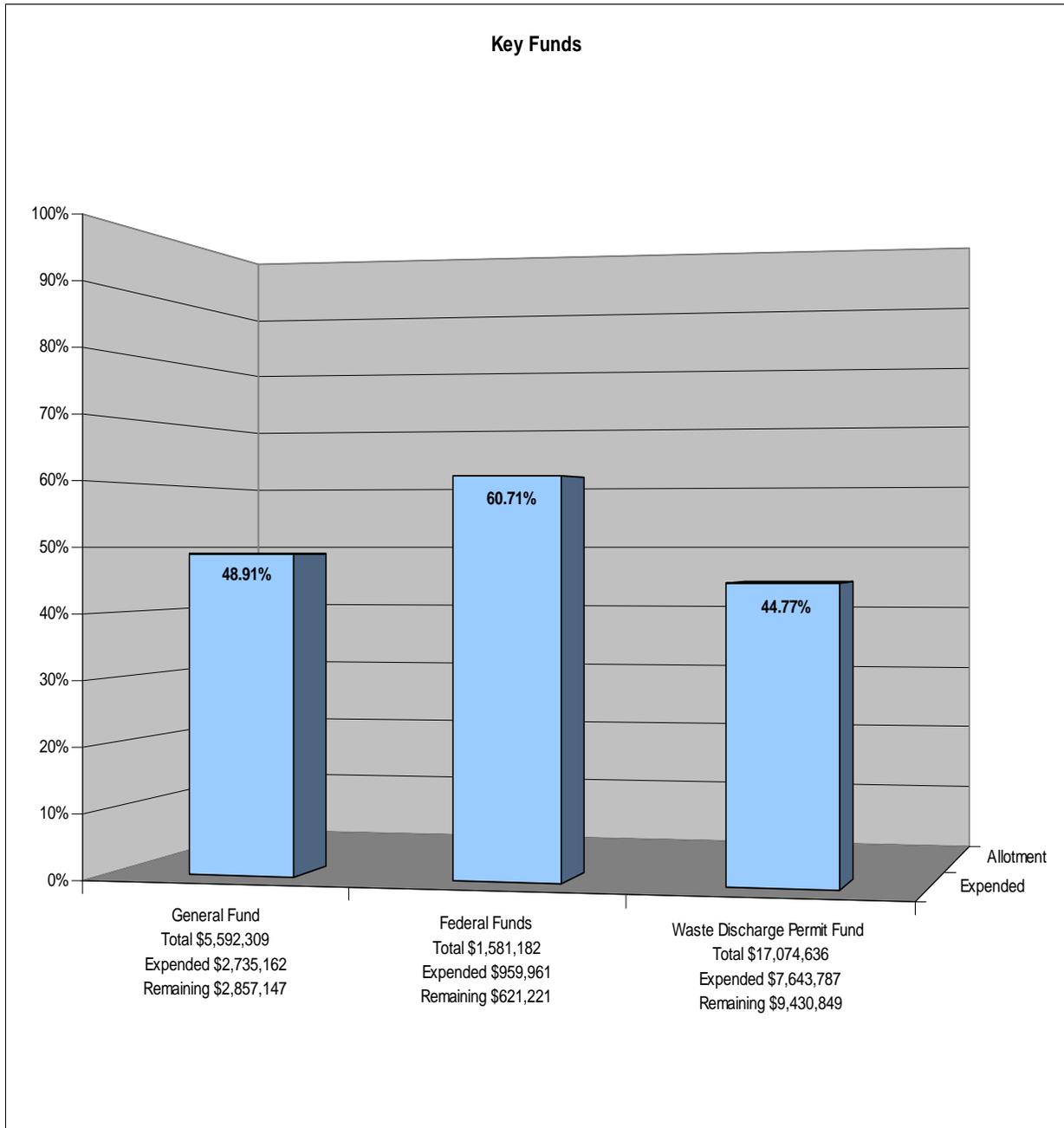
OPERATING EXPENSES

Our total budget for Operating Expenses is \$5,172,573. Due to the current fiscal situation we are currently monitoring all of our expenditures to make sure that all purchases are necessary and cannot be postponed. Some of our scheduled equipment purchases such as printers and computers may be delayed this year. This will defer replacement costs into next year, but may increase our equipment down time and future year maintenance agreement costs.



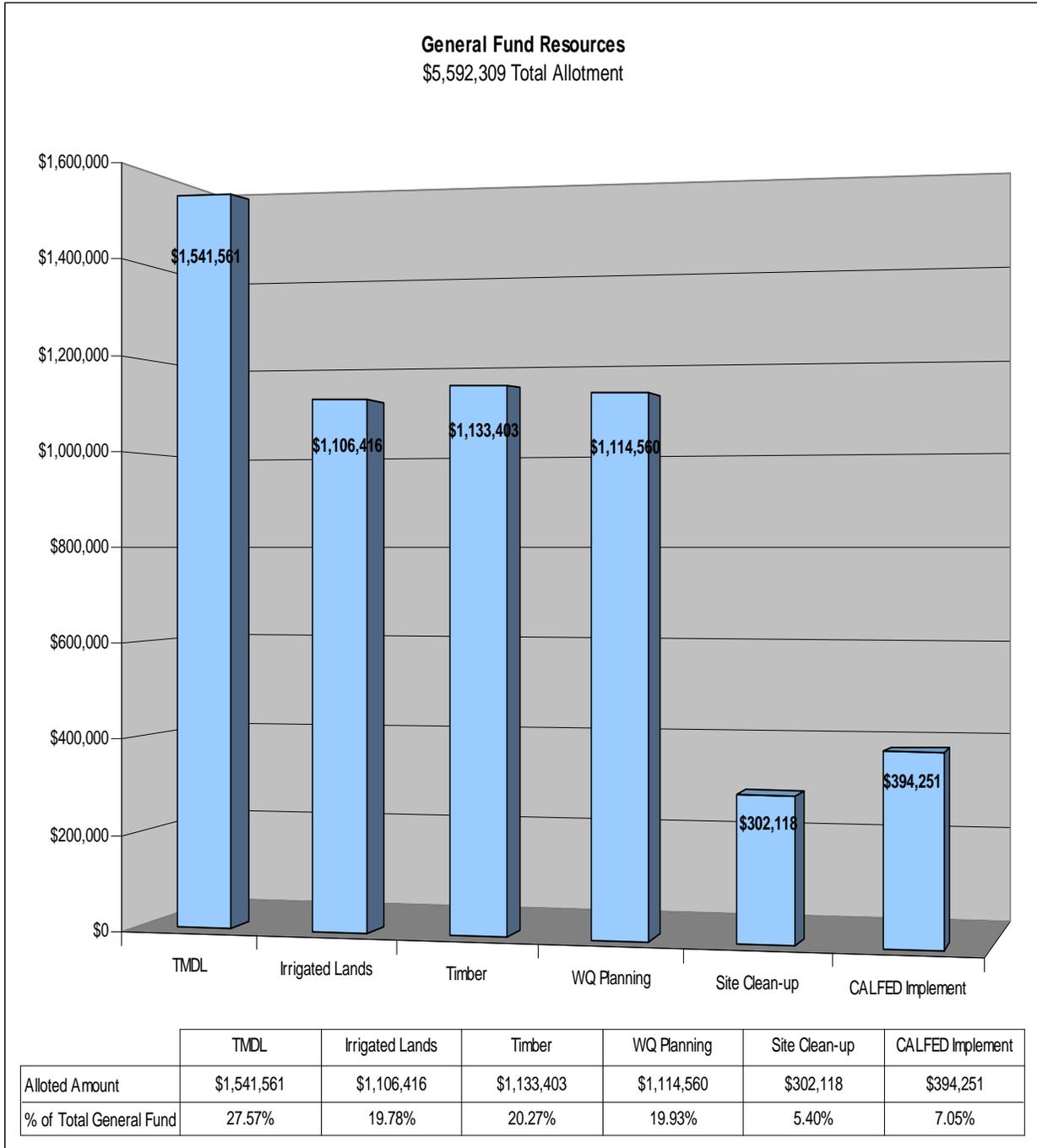
KEY FUND ISSUES

We are spending at an appropriate level. We have been told to expect additional cuts to our General Fund programs next year.



GENERAL FUND RESOURCES

Given the current fiscal crises there is uncertainty regarding our General Fund resources. Below is a chart showing how much general fund money we receive and what programs are funded from these resources. The Legislature and the Governor directed that our general monies be used on these 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.

April 22 Board Meeting

- Delta Mercury TMDL Hearing

May 2010 Board Meeting

Basin Planning

- Selenium Compliance Schedule Amendment (Grasslands Bypass Project)
- New Alamo and Ulatis Creeks (Vacaville) Site Specific Objectives

Land Disposal WDRs

- Copper Cove WWTP (WDR renewal)

NPDES

- Workshop on Cyanide Laboratory Analysis Issues
- AAF McQuay, Inc. (Renewal – Minor)
- City of Alturas WWTP TSO
- City of Dunsmuir WWTP CDO Revision
- City of Grass Valley new CDO
- City of Redding, Stillwater WWTP CDO Revision
- City of Rio Vista Northwest WWTP (Renewal - Minor)
- City of Williams TSO
- Linda County Water District TSO
- Mt. Shasta WWTP CDO Revision
- Olivehurst PUD WWTP (Renewal - Major)
- Paradise WTP (Renewal - Minor)
- Placer County SMD No. 1 WWTP (Renewal-Minor)
- Redding Clear Creek WWTP (Renewal-major)
- Shasta Co. CSA#17, Cottonwood WWTP (Renewal – Minor)
- South Feather Water and Power – Miners WTP (Renewal – Minor)
- The Boeing Company, Groundwater Extraction and Treatment Systems, Inactive Rancho Cordova Test Site (Renewal-Minor)

July 2010 Board Meeting

- Approval of a revised Use Attainability Analyses and Basin Plan Amendment for West Squaw Creek, Shasta County

Land Disposal WDRs

- Exeter Landfill, Tulare County (WDRs for Post-Closure Maintenance and Corrective Action)
- Orland WWTP, Class II and Domestic (R – Backlog Update)
- Shasta College WWTP (R – Backlog Update)

NPDES

- Alturas HS Geothermal (Renewal – Minor)
- City of Corning WWTP (Renewal - Major)
- City of Galt WWTP (Renewal - Major)
- City of Live Oak WWTP (Renewal - Minor)
- Davis, City of (Remand/revision - Major)
- Kaweah River Rock (Renewal – Minor)
- Rockwell International (Renewal – Minor)

- SCOR WWTP (Renewal – minor)
- Sierra Pacific Industries, Anderson Division (Renewal - Minor)
- Southern Ca Edison (Renewal – Minor)

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

NPDES

- Bella Vista Water Treatment Plant (Renewal - Minor)
- City of Live Oak WWTP (Renewal - Minor)
- French Camp RV Park (Amendment - Minor)
- Mather Field GW Treatment System Expansion (New – potential GO coverage)
- Myrant / Contra Costa Power Plant, Antioch (New - NPDES)
- Olivehurst PUD WWTP (Renewal - Major)
- Pactiv Corp. Molded Pulp Mill (Renewal – Major)
- Redding Clear Creek WWTP (Renewal-major)
- Sacramento Regional WWTP (Renewal – Major)
- Sconza Foods (formerly Hershey Foods), Oakdale (Rescission - Minor)
- Walnut Grove WWTP (Rescission - Minor)

WDRs

- Antonio Brasil Dairy (Individual WDRs)
- 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)
- Mule Creek State Prison (WDRs renewal)
- Wooden Shoe Dairy Expansion (Individual WDRs)