



EXECUTIVE OFFICER'S REPORT  
4 -5 December 2008

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## SUCCESS STORIES

1. **California State Employees Charitable Campaign, Central Valley Water Board Offices**

Demand for services at charities is up as the economy is in recession. And while the Sacramento Bee reported last month that donations to these same charities are down 10 to 40 percent in this time of greater need, staff in all three offices collectively picked up their charitable spirits and pledged more than \$42,000 to the California State Employees Charitable Campaign during the annual October pledge drive. This is an increase of more than 35 percent from last year's Campaign and an annual average of more than \$165 for each staff person in the three offices. We are truly blessed to be working with a staff that is not only world class in performing its regulatory duties, but in its generosity with the less fortunate.

(JEM/JWH)

2. **Regional Water Board staff recognized for their work in the Lake Davis Pike Eradication Project.**

Jim Pedri and Phil Woodward received the California Department of Fish and Game Director's Achievement Award for their efforts during the Lake Davis Project. CDFG Director Donald Koch issued the award stating that the staff "participation set an example for leadership, commitment and steadfastness in service to the people and natural resources of our great state". Director Koch further stated that "Lake Davis is back as one of California's premier trout fishing and recreational destinations" and is hopeful the threat of the invasive pike has been eliminated. (PVW)

3. **Ongoing Discharger Training for Electronic Self-Monitoring Report Submittal (eSMR<sup>2</sup>), Redding Office**

On 23, 28 and 30 October 2008, the State Water Resources Control Board and Regional Water Board staff (from the Redding Office) held meetings to instruct NPDES Dischargers on the process to submit electronic monitoring reports (eSMR<sup>2</sup>) into CIWQS. Approximately 90 Dischargers attended the three meetings. Each session was approximately 2 hours long. Reporting templates were provided to the dischargers, and they were instructed how to upload their monitoring data (through a conversion tool) into the CIWQS database. The Dischargers will begin submitting electronic monitoring data for the month of October 2008. After three successful electronic monitoring submittals, the Regional Board will ask that the Dischargers only submit electronic monitoring reports. Additional one-on-one training will be offered to the Dischargers, if needed. The Redding office is the first office in the State to enroll all of its NPDES Dischargers into the eSMR<sup>2</sup> module of CIWQS. (GDC)

4. **Settlement of ACL Complaints for Mandatory Minimum Penalties.** Since the last Executive Officer's Report was prepared, Assistant Executive Officer Jack Del Conte has settled the following ACL Complaints for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

5. **ACL R5-2008-0577 issued to the University of California, Davis, Wastewater Treatment Plant, in Solano and Yolo Counties.** The MMPs were in the amount of \$21,000 for violations of effluent limitations for aluminum, chlorine residual, copper, cyanide, electrical conductivity, pH, total coliform organisms, and turbidity at the facility from 1 January 2000 through 31 March 2008. The Discharger has paid the penalty to settle the matter.

- a) **ACL R5-2008-0578 issued to the California Department of Corrections, Deuel Vocational Institution, San Joaquin County.** The MMPs were in the amount of \$66,000 violations of effluent limitations for residual chlorine, cis-1,2-dichloroethene, oil and grease, tetrachloroethene, and trichloroethene that occurred at the wastewater treatment plant from 1 June 2004 through 31 May 2008. The Discharger has paid the penalty to settle the matter. (BLH)

6.. **ACL Orders for Mandatory Minimum Penalties.** Since the last Executive Officer's Report was prepared, Executive Officer Pamela Creedon has signed the following ACL Orders for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

- a) **ACLO R5-2008-0535 to the City of Colusa Wastewater Treatment Plant in Colusa County.** The MMPs were in the amount of \$486,000. Because the facility is a publicly owned wastewater treatment plant serving a small community with a financial hardship, the water code allows the penalty to be spent on treatment plant upgrades to correct the violations. The City of Colusa is in the process of spending an estimated \$15.5 million for a new wastewater treatment plant which has been designed to meet permitted effluent limitations. The ACLO allows the MMPs to be credited to the treatment plant upgrades, and requires that the Discharger achieve full compliance with effluent limitations for discharges to surface waters by 1 August 2008, or the penalty must be paid in full.
- b) **ACLO R5-2008-0586 issued to the City of Galt Wastewater treatment plant, in Sacramento County.** The MMPs were in the amount of \$108,000, for violations of effluent limitations for residual chlorine, pH, total coliform organisms, settleable solids, and total suspended solids which occurred at the facility from 1 January 2000 through 31 December 2007. The Discharger has agreed to complete a Supplemental Environmental Project for \$52,251 and to pay \$55,749 to settle the matter. (BLH)

7. **Elimination of MMP Backlog for the Sacramento Compliance-Enforcement Section**

In February 2008, the Sacramento office was reorganized to form a Compliance and Enforcement Section. The highest priority for the section was to eliminate the mandatory minimum penalty (MMP) backlog for individual NPDES permits by the end of December 2007. Staff is pleased to report that this goal will be accomplished. Since February, Assistant Executive Officer Jack Del Conte and Executive Officer Pamela Creedon have issued 51 Administrative Civil Liability Complaints and/or Orders in the amount of \$10,641,000 in MMPs pursuant to California Water Code section 13385. Several additional orders should be signed within the next few weeks. As of early November, 17 dischargers have settled their MMPs by signing waivers and paying a total of \$965,000 to the Cleanup and Abatement Account. Thirteen facilities have been determined to be small communities with a financial hardship, and have completed or are proposing compliance projects to settle \$7,203,000 in MMPs. A number of dischargers have proposed Supplemental Environmental Projects in lieu of payment of a portion of the penalties, and staff is in the process of reviewing the proposals in order to settle these matters. These Complaints and Orders have resolved the MMP violations from January 2000 through December 2007. The Site Cleanup Section and Underground Tank Section are also working to eliminate their backlog of MMPs, and have also recently issued a number of ACL Complaints. (BLH)

8. **No Further Action Determination, Biggs-Gridley Memorial Hospital, Gridley, Butte County**

The overfill protection device on an aboveground storage tank failed and an unknown quantity of diesel discharged adjacent to the hospital building. Cleanup actions consisted of excavating and removing about 4000 pounds of diesel contaminated soil to a permitted disposal facility. Subsequent investigations and monitoring did not detect volatile petroleum constituents or diesel in the groundwater. Staff concurred with the consultant's conclusion that the residual concentrations of diesel in the subsurface soil, about 45 pounds, does not appear to threaten human health, the environment, or water quality and will naturally degrade in a reasonable period of time. A no further action letter was issued on 25 September 2008. (RDJ)

9. **Private Well Replacement, Crystal View SS, Pollock Pines, El Dorado County**

On August 6, Assemblyman Ted Gaines' office contacted Regional Board staff regarding a call from one of his constituents whose well is impacted with gasoline hydrocarbons which may have come from an underground storage tank (UST) release 1,500 feet away. The citizen contacted his office after the responsible party requested pre-approval for a connection to the local municipal supply using State Water Board UST Cleanup Fund (Fund) monies. However, the Fund denied costs due to the well's questionable link to the UST case.

Regional Board UST staff reviewed the case file and, although the well is not in a downgradient flow direction from the UST release, identified a likely scenario that explains the migration of contaminants from the UST release to the domestic well. After reviewing the information the Fund reconsidered their position and agreed to fund the connection of the residence to the municipal supply, which occurred on November 4.

Typically, staff require an impacted well that has been replaced with municipal water to be abandoned. In this case, however, the homeowners requested that they be allowed to keep their well for irrigation purposes. Given the current and potential future drought conditions, staff requested that the responsible party and homeowner agree to seven conditions (safeguards) for the well to remain active, which both did, and the impacted well remains in place solely for irrigating the landscaping. (JEM)

10. **Kettleman Hills Facility- Bioreactor Project Startup-Chemical Waste Management Inc.**

As of 15 September 2008, Chemical Waste Management began the addition of non-hazardous liquids into WMU B-19 at the Kettleman Hills facility to initiate the bioreactor process. Liquids are required to initiate the anaerobic biodegradation of the municipal solid waste. Liquid addition takes place via a series of infiltration galleries on the top deck of the landfill and injection well pipes to various levels within the landfill. The project is designed to result in additional landfill airspace and to generate landfill gas resulting from the biodegradation of the municipal solid waste. Gases are collected via a series of collection pipes and currently will be flared.

The Kettleman project is the first permitted in California under the recent regulatory revisions to the federal and state regulations allowing the addition of liquids into municipal solid waste in accordance with the new Research, Development, and Demonstration permitting process. Revised WDRs and an extensive monitoring and reporting program addressing the project were adopted in 2006. Under the new rules, the September date triggers the start of a three-year period at the end of which time the WDRs can be revised to continue the project for the next three year period, and not to exceed twelve years total. It's not clear at this time what may happen at the end of the twelve year period. Any non-hazardous liquids can be utilized, which has resulted in the acceptance of liquids from such industries as food processing and petroleum production. Diversion of these types of liquids will result in fewer discharges to land, including salt laden liquids, which threaten or have impacted groundwater in the San Joaquin Valley. With the additional air space, it can also result in the need for fewer landfills or expansions. (SRG)

11. **Davis Global Communications Site Transfer Ceremony.**

On October 31, 2008, Yolo County and the Air Force hosted a ceremony to celebrate the successful completion of an 'early transfer' of the former Davis Global Communications Site property from the Air Force to Yolo County. The Site is located approximately 4 miles southeast of the City of Davis and was used as a transmitter facility as part of the former McClellan Air Force Base.

Federal law allows the federal government to transfer real property before all environmental cleanup actions are complete with the approval of the Governor of the State of California. Governor Schwarzenegger approved this "early transfer" on October 15, allowing the property transfer to take place. Groundwater cleanup at the site is still on-going and several of the soil/soil gas systems require official close-out. Contaminants of concern include solvents and petroleum compounds. The Air Force will continue to conduct the cleanup activities, with oversight by the Regional Water Board. A Land Use Covenant is in place to restrict the use and activities at the site to ensure continued protection of human health and the environment. The 314-acre parcel will be added to the current 320-acre Yolo County Regional Grasslands Park which serves a variety of active recreation uses and contains significant habitat resources for threatened and endangered species, including Swainson's hawk, Tadpole Shrimp, White-tailed Kite, Loggerhead Shrike, Colusa Grass, and one of the only known populations of Solano Grass. The ceremony on October 31, 2008 was attended by a number of elected officials and guest speakers, including Dr. Karl Longley, as well as several staff from Region 5. (CM)

12. **A programmatic certification has been issued for specific projects in Lake County**

The USDA Natural Resources Conservation Service (NRCS), the East Lake (ELRCD) and West Lake Resource Conservation Districts (WLRCD), and other public agencies have worked together to craft a Program that will enhance natural habitat and reduce erosion on private lands in the watershed. NRCS anticipates that 25 to 50 landowners will participate in the Program over a five-year period. The program will reduce noxious weeds along stream banks, minimize sedimentation through integrated vegetation management, native re-vegetation, gully repair, erosion control, and small stream restoration projects. This programmatic approach will save applicants and regulatory agencies time, from duplicative applications, while ensuring regulatory agency mandates are fulfilled. This creates "one-stop regulatory permit shopping" for NRCS clients involved in voluntary conservation work on their lands. NRCS clients include farmers, growers, ranchers, landowners, and tenant operators.

The on-the-ground work covered by these permits will be designed by NRCS and implemented by the clients, to NRCS standards and specifications. While the practices are small in size, they can have significant environmental benefit through stabilizing soil and enhancing habitat. The projects can contribute to improved water quality, control of sediments, ground water recharge, the creation of riparian habitat, and enhancement of wildlife habitat. NRCS assists in project design and, along with the RCDs, monitors implementation and maintenance of the conservation practices to ensure performance within the conditions of the permits. Provided the client follows the terms and conditions of watershed agreements negotiated with the NRCS, he or she will be covered by the coordinated permits.

This certification will also help implement the mercury TMDL on the upper Cache Creek watershed by minimizing sedimentation through integrated vegetation management, reestablishing of native vegetation, repair of gullies, controlling erosion, and implementation of small stream restoration projects. The certification requires projects within the Cache Creek watershed to: 1) implement management practices to control erosion and 2) conduct monitoring programs that evaluate compliance with the turbidity objective, and submit monitoring results to the Regional Water Board. (GKV)

**13. No further action-spills and leaks**

No Further Action Required letters were recently issued by the Executive Officer for two sites in western San Joaquin County. Numerous sites being overseen by the Fresno office are currently under study as part of Chevron Environmental Management Company's soil and groundwater investigations along Chevron's historical Old Valley Pipelines. The lines once transported crude oil from Kern County to refineries in the San Francisco Bay area, and have been out of service for over 35 years.

The two recently completed sites, Mountain House Development Site #1 and Site #2, are situated in a utility corridor, partly beneath Byron Road and the right-of-way easement for the Union Pacific Railroad tracks, northwest of the City of Tracy. The area is agricultural with some nearby residential properties under development. Degraded crude oil impacts to soil and groundwater were delineated and determined to be limited to the right-of-way areas. The degraded crude oil is highly immobile, of limited extent, and will continue to attenuate naturally with time. A risk assessment for the residual crude oil based on a construction/trench-worker scenario determined there is no threat. A site-specific soil management plan provided by Chevron for each site contains contact names and numbers and serves as a guideline if future site activities encounter crude oil-affected soil. No comments were received from interested parties during a public comment period. (SRG)

**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 that the information provided was accurate and representative of site conditions. Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations requires public notification when the Board determines that corrective actions have been completed and that no further action is required at a leaking underground storage tank site. This document serves to provide public notification.

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

**a. FRESNO OFFICE**

**Fresno County**

- **Selma Airport, 7225 East Huntsman, Selma**

Two 10,000-gallons and two 1,000-gallon gasoline USTs were removed from the site during May 1992. A soil sample collected from beneath the 1,000-gallon UST contained elevated gasoline constituents. One soil boring was drilled at the site during June 2008 to a depth of 20 feet at the former UST 1,000-gallon UST location. Trace (less than 1 mg/kg) concentrations of xylenes and toluene were detected in the 10 and 15-foot samples.

Activities at the site included operation of a crop dusting company prior to 1980. Regional Water Board staff visited the site in 1979 and again during 1985. Shallow contamination (<5 feet bgs)

including minor pesticides were identified, but determined to be from past aboveground site practices and not related to the USTs. Further, the shallow contamination found did not exceed human health or water quality protection criteria. Two supply wells present at the site, one next to the UST release and one downgradient of the crop duster operations, area were sampled. No constituents of concern were detected. Depth to water is expected to be about 40 feet. Less than 10 pounds of gasoline and less than 0.2 pounds of herbicides and pesticides are estimated to present in the subsurface at the site. The site was closed as low risk on 19 September 2008. (JWH)

- **Fowler Exxon Mini Mart, 326 West Merced Street, Fowler**  
Three USTs were removed from the site during July 1999 and high concentrations of gasoline were detected in soil. Subsequent investigations determined that a significant mass of gasoline was present beneath the site. The depth to groundwater has ranged from 27 to 42 feet and groundwater greatly exceeds WQOs for gasoline constituents. A soil vapor extraction and air sparge system was installed at the site during April 2003 and continued operation until October 2007. An estimated 13,000-pounds of gasoline have been removed from the site. The only petroleum hydrocarbons detected in groundwater beneath the site since December 2005 have been trace amounts of MTBE and 1,2-DCA detected in two of the wells. The highest 1,2-DCA detected since December 2005 was 3.8 µg/L during March 2006. The highest MTBE detected since December 2005 was 1.4 µg/L during September 2007. The site has been re-developed and a restaurant exists over a portion of the former dispenser area. All monitoring and remediation wells and associated piping and equipment have been destroyed and/or removed. The site poses no threat for dermal contact or vapor impacts. The site was closed on 25 September 2008. (JWH)
- **Britz MacDonough Farm, 1287 North MacDonough, Sanger**  
One 1,000-gallon diesel underground storage tank (UST) was removed from the site during September 2001 under Fresno County Department of Community Health (FCDCH) oversight. A soil sample was obtained at the time of the removal but never analyzed. During March 2008 FCDCH was present at the site to witness re-sampling of soil from beneath the UST. One soil sample was collected and found to contain 90 mg/kg TPHd and 0.73 mg/kg MTBE. No structures or wells are present in the vicinity of the UST and the area is now an orchard. Groundwater is expected to be between depths of 10 to 20 feet. The shallow water table would have impeded movement of diesel away from the UST, and if a significant release had occurred, higher concentrations of diesel should have been detected beneath the UST. Less than 10 pounds of diesel are present in the subsurface. The site was closed on 8 October 2008. (JWH)
- **Fowler Forest Products, 1989 East Parlier Avenue, Fowler**  
Two 10,000-gallon, one 6,500-gallon, and one 4,000-gallon diesel USTs were removed from the site during August 1994. A soil sample collected from below the dispensers at the time of the removal contained 1,100 mg/kg diesel. A soil boring was drilled at the site during June 2007 at the former dispenser location. The boring was drilled to a depth of 20 feet where drilling refusal occurred. TPHd was 49 mg/kg at a depth of 4 feet, 200 mg/kg at 8 feet, 420 mg/kg at 12 feet, 440 mg/kg at 16 feet, and 770 mg/kg at a depth of 20 feet. One soil boring was drilled at the former dispenser location during April 2008 to a depth of 50 feet. A cemented silt layer was encountered between depths of 19 and 28 feet and no petroleum hydrocarbons were detected in soil below a depth of 20 feet. Groundwater was encountered at a depth of 50 feet and a Hydropunch groundwater sample obtained. The groundwater sample contained 370 g/L TPHd, 0.47 g/L benzene, 0.56 g/L toluene, and 0.41 g/L xylenes. It is estimated that there is about 245 pounds of diesel remaining at the site. Since no diesel was detected below a depth of 20 feet, and the soil at and below a depth of 20 feet is very dense, the groundwater sample obtained using a Hydropunch is likely anomalous and due to cross-contamination within the auger. A municipal well about 750 feet east of the USTs was sampled and did not contain petroleum hydrocarbons. The site was closed on 16 October 2008. (JWH)
- **Texaco, 1016 West Shaw Avenue, Fresno**  
The site is a former retail fueling station that was voluntarily assessed to establish the environmental condition of the property. Four groundwater monitoring wells were installed near

the USTs and dispensers in late 2002/early 2003. There was no field evidence of petroleum hydrocarbons in soil and groundwater was at a depth of approximately 120 feet. Initially, groundwater samples showed traces of gasoline constituents and low concentrations of hydrocarbons in the diesel range that were atypical of diesel fuel. Soil sampling and analyses in 2004 did not detect petroleum hydrocarbons in the UST area. Ten quarterly groundwater monitoring events were completed through 2005 to confirm no significant impact to groundwater due to petroleum hydrocarbons. Site Closed on 18 September 2008. (WWG)

- **Modern Welding, 4141 North Brawley, Fresno**

The subject site is currently used for UST fabrication and is within an area of commercial-industrial properties. One 14,000-gallon diesel UST, one 10,000-gallon gasoline UST was removed during May 1990. Total petroleum hydrocarbons as diesel (TPH-d) was detected at 2,400 mg/kg. The case was referred to the Regional Water Board for regulatory oversight by letter on 28 September 2007. No field evidence of remaining hydrocarbon mass was discovered when soil borings were drilled on 21 May 2008 and no petroleum hydrocarbons were detected in analyzed soil samples. Depth to water is about 100 feet. The case was closed on 30 September 2008. (JDW)

- **Grossman's Texaco, 5316 West Shaw Avenue, Fresno**

The case file indicates an 1,100-gallon fuel spill at the site (date unknown). A 1990 site assessment identified gasoline constituents in soil and groundwater underlying the fueling facilities and 100 cubic yards of impacted soil were excavated prior to replacement of the fueling facilities. Following the 1995 referral of oversight to the Regional Water Board, site assessment in 2001-02 characterized the extent of petroleum hydrocarbons in soil and groundwater (at a depth of about 90 feet). Five water supply wells were identified within a 2,500-foot radius of the site, the closest approximately 800 feet downgradient. Between October 2002 and September 2004, remediation by soil vapor extraction and air sparging was employed, removing an estimated 10,300 pounds of petroleum hydrocarbons from the site. Groundwater monitoring was concluded in 2006 with no detection of petroleum hydrocarbons in groundwater in the final three monitoring events. A June 2007 health risk assessment concluded that residual hydrocarbons at the site do not pose a threat to human health or groundwater. The residual petroleum hydrocarbons in the underlying soils are unquantified, but considered minimal and expected to naturally degrade. Closure letter dated 1 October 2008. (WWG)

- **Big Creek General Store, 55083 Point Road, Big Creek**

The site rests atop a thin mantle of soil over granitic bedrock of the Sierra Nevada. USTs and dispensers were removed in 1994 and gasoline was identified in soil. Property ownership changed hands several times and no assessment was completed until after the 2003 referral of the case to the Regional Water Board. Assessment defined the extent of gasoline in soil, resulting in an estimated mass of 2,350 pounds TPHg, and concluded there was no threat to groundwater or surface water. Vapor sampling established that there was no significant human health risk from vapor migration. Petroleum hydrocarbons are expected to continue to degrade over time. The general store remains active, with no fueling facilities. The site was closed on 30 October 2008. (WWG)

b. **REDDING OFFICE**

**Butte County**

- **The Lake Club, 48 Hurlerton Road, Oroville**

In October 1997, two 1,000 gallon underground storage tanks (USTs) were removed from the site. Petroleum constituents were detected in tank closure soil samples and excavation pit water. From 2000 to 2001, nine monitoring wells were installed to characterize the contamination. The maximum concentrations in groundwater samples of total petroleum hydrocarbons-gasoline (TPHg), benzene, toluene, ethylbenzene, xylenes, and MTBE was 81,000 ug/L, 3,800 ug/L, 4,700 ug/L, 2,700 ug/L, 17,000 ug/L, and 2,500 ug/L, respectively. In August 2004, an additional 470 cubic yards of contaminated soil was excavated. In November 2004, an ozone/air sparge remediation system was installed. The system operated until contaminant concentrations were reduced to negligible levels. During the last quarter of monitoring, groundwater samples with petroleum hydrocarbons exceeding water quality objectives were collected from monitoring wells

MW-1d, MW-3, MW-5, MW-6, and MW-7, with TPH-g concentrations of 1,200 ug/L, 190 ug/L, 90 ug/L, 340 ug/L and 60 ug/L, respectively. Monitoring well MW-5 also contained 33 ug/L xylenes. The other groundwater samples/analytes did not exceed water quality goals. The consultant estimates that the TPHg will reach the water quality objective of 5 ug/L within 42 years, and the water quality objective of 17 ug/L xylenes within eight years. Groundwater modeling by the consultant indicates the remaining contamination will not migrate beyond its current boundaries and will attenuate with time. A no further action letter was issued 30 September 2008. (RDJ)

#### **Siskiyou County**

- **Abreu Residence, 755 Lassen Lane, Mt. Shasta**

In December 2006, one 1,000 gallon underground storage tank (UST) was removed from a private residence in Mt. Shasta. Petroleum impacted soils were removed to a depth of 16 feet below ground surface, where confirmation samples found petroleum constituents below method detection limits (MDLs). 225 cubic yards of impacted soil were excavated and remediated on-site by aeration. An on-site domestic water supply well is located approximately 137 feet from the former UST excavation. Samples from the domestic water supply well in August and October 2007 found most analytes below MDLs. Some analytes were above MDLs, but below laboratory reporting limits at estimated concentrations, or detected in the Trip Blanks, or both. No analytes were above Water Quality Objectives. This site no longer threatens beneficial uses of groundwater or poses a human health risk. A no further action required letter was issued on 20 October 2008. (DPS)

### **c. SACRAMENTO OFFICE**

#### **Contra Costa County**

- **Byron's Corners, 15031 Byron Highway, Byron**

In February 2004, soil samples were collected during a dispenser upgrade. Soil samples were collected beneath the dispensers and contamination was found. Less than ½ cubic yard of contaminated soil was removed during the dispenser work. Four monitoring wells were installed in May 2006. Eight soil samples were collected from the soil borings prior to completion of monitoring wells. Soil samples contained no fuel hydrocarbons above method detection limits. In nine quarters of monitoring groundwater in the four monitoring wells, only one sample from MW-3 showed any hydrocarbon contamination. All other samples for all four wells during the sampling period (2005-2007) were non-detect for all constituents analyzed for. Based upon minimal data the consultant estimates that 0.2 lbs. of gasoline and 2.4 lbs. of diesel remain and will continue to degrade over time. The site is a low risk case and does not represent a significant threat to groundwater quality. A No Further Action letter was issued 1 October 2008. (PMV)

#### **Placer County**

- **Foresthill Beacon, 23970 Foresthill Road, Foresthill**

While this site continues to operate as a retail fuel station, the sites product lines were replaced in 1999. Groundwater extraction and natural attenuation have reduced hydrocarbon concentrations, and only minor concentrations of select petroleum hydrocarbons remain in soil, soil vapor, and groundwater beneath the site. The total mass of hydrocarbons removed from groundwater through active extraction and natural attenuation is approximately 70 pounds. The residual hydrocarbon concentrations in soil and soil vapor do not exceed established residential human health screening levels, and the residual groundwater concentrations are expected to attenuate below numerical water quality objectives within 15 years. Furthermore, given the site's use as a commercial property, and the lack of any identified supply wells within 2,000 feet of the site, the remaining constituent mass does not pose a threat to human health, waters of the state, or justify the cost of any additional active remediation or monitoring. (PRS)

#### **Solano County**

- **Vacaville Fruit Company, 855 Davis Street, Vacaville**

When soil and groundwater sampling was conducted at site, due to a property transfer, MtBE was found in groundwater samples. Solano County Department of Resource Management reopened the former 1992 closed UST case. Additional soil and groundwater sampling was conducted and a single monitoring well was installed and periodically monitored. It was determined that one or two upgradient unauthorized release cases were the source of the identified MtBE found. In addition, TPHd and sulfur found at the site was determined to be a result of historic business practices and/or surface spills, not related to UST. Regional Board Site Cleanup Unit (formerly

SLIC) is responsible for follow up of TPHd and sulfur. The monitoring well was properly abandoned in 26 September 2008. The former UST at this site poses no threat to human health and safety or to water quality, and was issued an NFAR on 16 October 2008. (JIM)

#### **Sutter County**

- **Rouse Estate, 11152 Garden Highway, Yuba City**

The site is located in an agricultural area and in June 1998 two 2,000 gallon heating oil (Bunker A) USTs were closed in place. The heating oil tanks, located inside a warehouse, were used to provide heat to a fruit dryer. Also in June 1998, two gasoline USTs were excavated and removed from the site. Soil and groundwater samples were collected during removal/closure of the gasoline and heating oil tanks. Petroleum hydrocarbon constituents were not detected in any of the soil samples, but total petroleum hydrocarbons as gasoline was detected in two grab groundwater samples from near the former gasoline USTs. Other petroleum hydrocarbon constituents were not detected in the groundwater samples. Samples analyzed from an on-site domestic well had occasional detections of MTBE below 5 ug/l and a one-time detection of methanol at 53 ug/l; however, the last three groundwater samples from the domestic well were non-detect for all constituents. Water quality objectives have been met and the site does not pose a threat to human health or waters of the state. (MK)

#### **Yolo County**

- **Los Rios Farms, 1990 Hayes Lane, Woodland**

In July 1987 a diesel and two gasoline underground storage tanks (USTs) were removed from the site. The Yolo County Environmental Health Service department closed the UST case in November 1987. Petroleum hydrocarbons (diesel, gasoline, total oil and grease (TOG)) were detected in soil after the former sump and leach lines were removed in 1998. In 1999 the buildings and underground fuel pipelines associated with the former USTs were removed, and holes were observed in the pipelines. Soil and groundwater investigations since 1998 indicated that total petroleum hydrocarbons as diesel (TPHd) was the primary constituent of concern. In August 2004 approximately 1,400 cubic yards of soil was removed. A mixture of organic plant material was placed at the bottom of the excavation to aid degradation of TPHd remaining in soil. Approximately 5 pounds of gasoline hydrocarbons, 238 pounds of diesel hydrocarbons, and 114 pounds of TOG hydrocarbons were removed by excavation. Five monitoring wells defined a plume of TPHd in groundwater beneath the excavation. Approximately 2 pounds of gasoline hydrocarbons, 24 pounds of diesel hydrocarbons, and less than 1 pound of TOG hydrocarbons were removed from groundwater during remediation. A risk assessment and groundwater modeling indicated there was no risk to human health (direct contact or indoor air exposure for residential site use), the plume would not impact drinking water sources, and petroleum hydrocarbons would continue to degrade. Water quality goals for TPHd would be reached in 50 years. Hydrocarbons beneath the site do not represent a threat to water quality or beneficial uses; and therefore, after the monitoring wells were destroyed a No Further Action Required letter was issued. (DFS)

#### **15. Local Agency UST Closures with Concurrence of Board Staff Review**

##### **Sacramento County**

84 Lumber Company (Former Lumberjack Facility), 8440 Florin Road, Sacramento  
Former BP (Current Circle K), 8001 Watt Avenue, Antelope  
Ware House, 936 Calvados Avenue, Sacramento

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

##### **Kern County**

Quick and Easy Mini Mart, 2805 Edison Highway, Bakersfield

#### **17. Madera County**

Red top gasoline, 22798 Road 4, Madera

##### **Merced County**

Chevron Service Station #9-2513, 12801 South Highway 33, Santa Nella  
Yosemite Portland Cement, 3504 North Highway 59, Me

## ENFORCEMENT

### 1. **Administrative Civil Liability Complaints issued for Mandatory Minimum Penalties**

Since the last Executive Officer Report was prepared, Assistant Executive Officer Jack Del Conte issued the following Administrative Civil Liability Complaints (ACLs) for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385. These ACLs have been issued as of 10 November; it is anticipated that several other ACLs will be issued after that date and prior to the December Board meeting.

- a) **ACL R5-2008-0599 was issued 10 November 2008 to the City of Auburn in Placer County.**  
The MMPs were in the amount of \$60,000 for violations of effluent limitations for residual chlorine, total coliform organisms, pH, silver, and turbidity that occurred at the facility from 1 January 2000 through 30 April 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- b) **ACL R5-2008-0600 was issued 10 November 2008 to the Oakwood Lake Water District in San Joaquin.**  
The MMPs were in the amount of \$63,000 for violations of effluent limitations for pH and turbidity that occurred at the facility from 1 January 2000 through 30 April 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- c) **ACL R5-2008-0601 issued 10 November 2008 to the City of Davis in Solano and Yolo Counties.**  
The MMPs were in the amount of \$12,000 for violations of effluent limitations for chlorine residual, selenium, total suspended solids, and total coliform organisms that occurred at the facility from 1 January 2000 through 30 April 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- d) **ACL R5-2008-0602 was issued 10 November 2008 to the Sacramento County Department of Public Works, Kiefer Landfill in Sacramento County.**  
The MMPs were in the amount of \$3,000 for violations of effluent limitations for aluminum and nickel that occurred at the facility from 1 January 2000 through 30 June 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- e) **ACL R5-2008-0603 was issued 10 November 2008 to Sacramento Regional County Sanitation District in Sacramento County.**  
The MMPs were in the amount of \$54,000 for violations of effluent limitations for chlorine residual, cyanide, pH, settleable matter, and total coliform organisms that occurred at the facility from 1 January 2000 through 30 April 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- f) **ACL R5-2008-0604 was issued 10 November 2008 to the City of Woodland in Yolo County.**  
The MMPs were in the amount of \$9,000 for violations of effluent limitations for residual chlorine, total suspended solids, total coliform organisms, pH, and settleable solids that occurred at the facility from 1 January 2000 through 31 March 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- g) **ACL No. R5-2008-0605 was issued 10 November 2008 to the City of Live Oak in Sutter County.**  
The MMPs were in the amount of \$66,000 for violations of effluent limitations for BOD, total coliform organisms, and total suspended solids that occurred at the facility from 1 July 2003 through 31 May 2008. The Discharger is required to respond to the Complaint by 10 December 2008.
- h) **ACL R5-2008-0606 was issued 10 November 2008 to the City of Stockton in San Joaquin.**  
The MMPs were in the amount of \$33,000 for violations of effluent limitations for dibromochloromethane, CBOD, and total coliform organisms that occurred at the facility from

1 January 2000 through 30 June 2008. The Discharger is required to respond to the Complaint by 10 December 2008.

i) **ACLC No. R5-2008-0607 was issued 10 November 2008 to the City of Nevada City in Nevada County.**

The MMPs were in the amount of \$69,000 for violations of effluent limitations for biochemical oxygen demand, chlorine residual, total suspended solids, settleable solids, and total coliform organisms that occurred at the facility from 1 January 2000 through 30 April 2008. Because the City is a small community with a financial hardship, and it has already completed a compliance project at an expense in excess of the MMP, the ACLC states that the MMP has been satisfied. The Discharger is required to respond to the Complaint by 10 December 2008.

j) **ACLC R5-2008-0609 was issued 10 November 2008 to the City of Sacramento in Sacramento County.**

The MMPs were in the amount of \$6,000 for violations of effluent limitations for chlorine residual, total suspended solids, and pH that occurred at the wastewater treatment plant from 1 January 2000 through 30 June 2008. The Discharger is required to respond to the Complaint by 10 December 2008. (BLH)

2. **CAO issued to Union Pacific Railroad for Continued Cleanup of the 2007 Storrie Derailment Spill, Plumas County**

On 23 September 2008, the AEO issued a Cleanup and Abatement Order (CAO) to Union Pacific Railroad (UPRR) to investigate, clean up, and abate the effects of 30,000 gallons of denatured alcohol and 20,500 gallons of canola oil spilled during the June 2007 train derailment at Storrie. The spilled waste followed several pathways; it volatilized, flowed overland, entered streambeds and culverts, infiltrated into local fill and alluvium, penetrated into underlying fractured granite bedrock, and began to bio-degrade. At the Storrie Retreat, down slope of the derailment site, the waste discharged near a private residence, several rental units, an ornamental trout pond, and a private domestic well. UPRR effectively mitigated the waste discharge that flowed overland and as channelized flow. However, waste has impacted groundwater in alluvium and fractured bedrock, drinking water in the Storrie Retreat domestic well, and threatens beneficial uses of the North Fork of the Feather River. Also, chemicals volatilizing from the water table potentially threatens indoor air quality of Storrie Retreat buildings. Further, near-source waste has affected soil drainage properties and stressed vegetation threatening slope stability. The CAO requires UPRR to submit reports, by 31 October 2008 describing a full-scale remediation system to mitigate the effects of groundwater contamination, prevent vapor intrusion into buildings, minimize potential impacts to the Feather River, and prevent significant slope failure near the derailment site. Continued quarterly monitoring is also required. (KLC)

3. **Beacon # 3692 (Former Tesoro Site), 975 Main Street South, Lake County**

On 9 September 2008 an Order under Section 13267 of the California Water Code was issued to Tesoro Petroleum Companies, Inc., the responsible party for the subject site. The order was issued in an effort to obtain soil vapor and dermal exposure risk assessment data to expedite potential closure of the site under a low risk scenario. (GTM)

4. **Cleanup and Abatement Order issued, Hetch Hetchy Water and Power and Department of Parks and Recreation, Alameda County**

On 15 October 2008, the Executive Officer issued a Cleanup and Abatement Order to Hetch Hetchy Water and Power and Department of Parks and Recreation to cleanup and abatement impacts to Mitchell Ravine caused by Hetch Hetchy Water and Power's un-permitted grading activities during June 2008. The Order requires the submittal of all necessary permits and both short-term and long-term plans to stabilize the disturbed area. The short-term plans must be completed by November of this year, to protect the watershed from winter rains, while the long-term stabilization must be completed by September 2009. The Central Valley Regional Board is working on this issue in conjunction with several other agencies, including State Parks, State Department of Fish and Game, U.S. Fish and Wildlife Service, and U.S. Army Corps of Engineers. Mitchell Ravine is tributary to Corral Hollow Creek and the Sacramento-San Joaquin River Delta. (RWM)

5. **Construction Storm Water Enforcement Update**

Storm water staff is gearing up for a busy wet season and are proactively addressing the current economic slow down and impacts to the construction sector. On 19 September 2008, staff sent letters to all regulated municipalities to request lists of inactive and unstabilized construction sites within their jurisdiction. Staff also requested the municipalities provide information on how they will work with current owners (many of which are banks) to adequately stabilize those sites. Most of the municipalities have responded to our request and have indicated that they are working on this issue.

In the past, staff sent a "rainy season preparation reminder" letter to all construction sites (approximately 3,000) each September. However, the letter was not sent this year because of the lack of a state budget. However, staff has been working extensively with the regulated community, and has recently conducted 14 formal training sessions for municipal inspectors and contractors. We have also conducted numerous inspections to evaluate site readiness and to provide feedback to both municipal staff and developers. In this way, we are providing informal training as well as doing our reconnaissance work for the rainy season. During the inspections, we are finding that dischargers are downgrading their BMPs and using the least expensive options. Staff is concerned about the effectiveness of the BMPs that are currently used on some sites and will re-inspect those sites after storm events to evaluate compliance with the construction storm water general permit. Staff has issued a number of NOVs for non-storm water discharges and for inadequate BMPs. Staff continues to work with regulated municipalities to ensure municipalities take ownership of the storm water program and comply with the appropriate municipal storm water permit. We plan to place more emphasis on municipal oversight of local projects and will evaluate the need to step up our enforcement of the municipal storm water program. (SYM)

6. **Status of RWHS Diablo Grande, Stanislaus County**

On 25 June 2008, the Assistant Executive Officer of the Central Valley Water Board issued an Administrative Civil Liability Complaint for \$250,000 to the RWHS Diablo Grande LLC for storm water violations during the 2007/2008 wet season. The Discharger has stated that it is unable to pay the Complaint or to install any sediment/erosion control measures at the site. They have since closed their offices, laid off all staff, and abandoned all their construction projects.

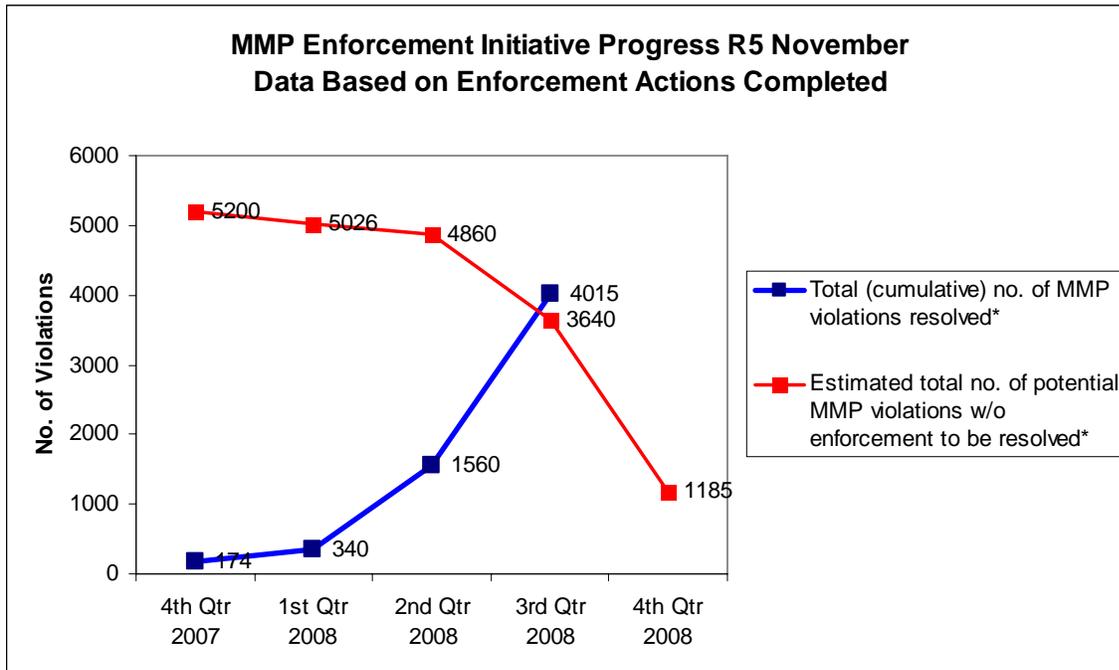
The EIR for the Diablo Grande project describes the sensitivity of the area. This particular 86-acre portion of the development has large exposed areas with steep slopes and clay soils, which are difficult to stabilize after becoming saturated. The site drains to wetlands and other sensitive water bodies; it has discharged highly turbid storm water in the past. Highly turbid runoff contains suspended sediments, which could reduce habitat for aquatic life as well as caused deleterious effects due to physical impacts.

There are two primary lenders for the site. One is the process of stabilizing their portion of the project, which is about one-eighth of the total area. The other lender has not committed to do the necessary stabilization work. Staff is working with Stanislaus County and State Water Board's Office of Enforcement in an attempt to obtain resources to provide emergency stabilization. (RWM)

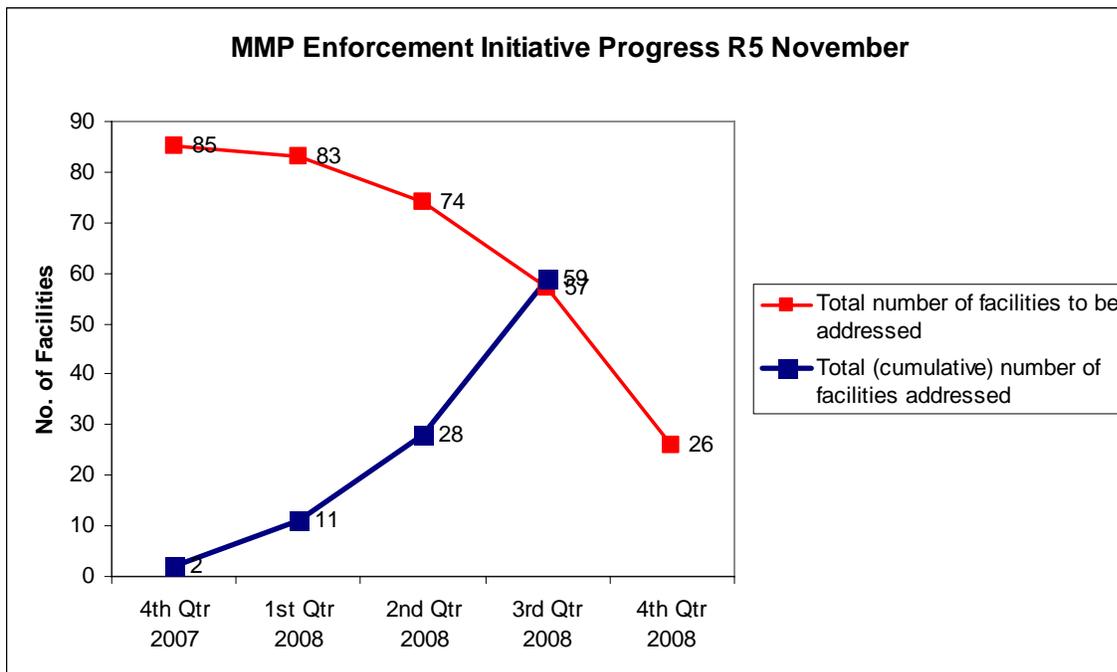
## Mandatory Minimum Penalties (MMP) Enforcement Initiative

The Central Valley Water Board (Water Board) is participating in the joint statewide Water Boards MMP Enforcement Initiative. In March 2008, the Water Board launched its initiative to address backlogged MMP violations. Backlogged MMPs are considered accrued MMPs between the period January 2000 and December 31, 2007.

As of November 15, 2008, Water Board staff issued 59 Administrative Civil Liability Complaints, addressing more than 4,000 MMP violations. The total amount of liability complaints issued is over \$10 Million. A number of facilities settled these complaints through payment. Other facilities proposed payment and/or environmental projects to settle the complaints, as allowed by law. Water Board staff has committed to address the backlogged MMP violations by the end of this calendar year. As shown in the following graphs over **77%** of the MMP violations and **69%** of the facilities in backlog have been addressed in the first eleven months of this calendar year.



\*Includes the supporting violations that were considered but not included in the chargeable number due to exemption by law (e.g. the first three violations in a 180 days period are not counted in the chargeable amount)



### Enforcement Update

With the recent reorganization in the Sacramento and Fresno offices, the Water Board has increased its actions and focus on compliance and enforcement. In the first eleven months of 2008, the Water Board issued more than 1,300 informal enforcement actions including Notices of Violations, Staff Enforcement Letters, oral and electronic communications. In addition, over 200 formal enforcement actions have been issued including 74 Administrative Civil Liability complaints and orders. The total amount of liability complaints issued in the first nine months is in excess of \$14.4 Million. These formal and informal actions were taken in the water quality protection priority areas identified by the State and Regional Water Boards, such as: sewer spills, groundwater contamination, effluent limitations exceedances, legislative mandate, e.g. MMPs, failure to obtain proper permits and/or certifications, releases of contaminated storm water runoff, etc. Such enforcement actions are expected by the public and are done in a transparent and fair manner to promote prompt cleanup and correction of existing pollution problems. In addition, these enforcement actions have the goal to provide notice to those that may be inclined to lower their level of performance, to provide for a measure of compensation for the damage that pollution causes to the environment and ensure that polluters do not gain an economic advantage from violating water quality laws

### 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.

## DELTA ACTIVITIES UPDATES

### 1. **Delta Methylmercury TMDL Update**

Following is an update on recent activities for the proposed Delta Methylmercury Total Maximum Daily Load (TMDL) control program.

Staff has been working with the Center for Collaborative Policy (CCP) to plan and hold stakeholder meetings for the Delta TMDL. CCP plans to hold a series of stakeholder interviews during the month of November. The purpose of the interviews is to discuss the issues and concerns related to controlling methylmercury sources to the Delta. The first stakeholder meeting is scheduled for December 19, 2008 in the Regional Board office. Subsequent meetings will be held in early 2009. Information about the Delta Methylmercury TMDL can be found at

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/delta\\_hg/](http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/delta_hg/).  
(PWM)

### 2. **Bay-Delta Strategic Workplan Progress Report**

On 11 September the Central Valley Regional Water Board (Regional Water Board), adopted the Strategic Workplan of Actions to Protect Beneficial Uses of the San Francisco Bay/Sacramento-San Joaquin Delta Estuary. The Workplan describes tasks that the State Water Board, Division of Water Rights, the Regional Water Board, and the San Francisco Bay Regional Water Board (a.k.a. the Bay-Delta Team) will conduct in a coordinated fashion to improve conditions in the Bay-Delta. Recently, Regional Water Board staff resources focused on developing the Delta Regional Monitoring Program (RMP) and guiding studies of the potential impacts of ammonia on Delta species. On 30 September, staff held an executive level stakeholder kick-off meeting to gauge stakeholder commitment to begin planning for the Delta RMP. The outcome of the meeting was formation of stakeholder work groups tasked with addressing key issues: governance; monitoring objectives; funding, and coordination with other programs. Staff and the Regional Water Board's contractor, the Aquatic Science Center, developed straw proposals for the RMP governance and monitoring objectives and will hold work group meetings on both subjects by the end of this calendar year. In addition, the Aquatic Science Center is working with UC Davis to produce a draft report summarizing existing monitoring in the Delta. Each of these products will inform the development of strategy alternatives in early 2009.

As reported to the Board previously, UC Davis researchers completed the laboratory study to assess the sensitivity of Delta smelt to ammonia. Preliminary results indicate that Delta smelt is about as sensitive to ammonia as other more sensitive species, such as trout and salmon; however, questions regarding potential chronic impacts remain. Studies to determine the potential impacts of ammonia on algae production has been delayed due to the contract suspension in August. These studies have resumed and are scheduled for completion in early 2009. In addition, UC Davis researchers are conducting a literature review and analyses of ammonia data across the estuary to supplement the results of these studies. This work will culminate in a public meeting to review results, obtain input from stakeholders, and develop recommendations for further study, or Water Board action.

In addition to technical studies, the Bay-Delta Team has been working with the State Water Board to plan for informational proceedings on Delta issues as outlined in the Workplan task to review the Water Quality Control Plan for the Bay-Delta. On 18 November, the State Water Board voted not to hold separate informational proceedings in 2009 and will rely on the evidence gathering inherent in the Delta Plan review process. (kll)

## SPILLS AND LEAKS

### 1. **Wastewater Spill, Lake County Sanitation District, Lake County**

On 1 October 2008, the Lake County Sanitation District reported a spill estimated at approximately 4,900 gallons from the Geyser Effluent Pipeline. The spill was located at Mackey Road and Robin Hill, north of the City of Lakeport. A leaking air release valve caused the spill. The spill was stopped by isolating and repairing the air release valve. The pipeline has since been put back into service. Central Valley Water Board, Lake County Environmental Health Department, and the Office of Emergency Services were notified following the spill. Central Valley Water Board staff is requesting an update on the pipeline maintenance plan. (GJC)

### 2. **Raw Sewage Spill, City of Oakdale, Stanislaus County**

On 5 October 2008, the City of Oakdale reported a raw sewage spill estimated at approximately 1,500 gallons from a private sanitary lateral located at 700 Old Stockton Road. The spill entered the Stanislaus River via the storm drain system. The spill was caused by a collapse of a four-inch pressure main that is owned by River Paradise Mobile Home Park (MHP). Following the spill, the City of Oakdale was notified of the spill and shut off the pump. Repairs to the pressure main were completed two days after the spill. During the repair period, the City of Oakdale allowed the MHP to discharge the sewage into a manhole. Central Valley Water Board and the Office of Emergency Services were notified following the spill. Board staff is in the process of collecting additional information about the mobile home park. (GJC)

### 3. **Raw Sewage Spill, City of Lakeport Municipal Sewer District, Lake County**

On 9 October 2008, the City of Lakeport Municipal Sewer District reported a raw sewage spill estimated at approximately 400 gallons that occurred from a manhole located at Via D'Lago and Via Del Cabana in Lakeport. The spill entered a storm drain that leads to Clear Lake. The spill was caused by a blockage of debris (paper towels, rags, etc.) and grease in the sanitary sewer system. Following the spill, the area was vacuumed up and disinfected. In addition, the affected sewer line and surrounding sections of sewer line were hydro-cleaned. The Central Valley Water Board staff is evaluating appropriate enforcement action. (GJC)

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

On 19 October 2008, Clearlake Oaks County Water District reported a raw sewage spill estimated at approximately 100 gallons that occurred from a manhole located on the Elem Reservation. The spill was caused by lift station pump being stuck in the "on" position due to a grease blockage at the displacer. The spill did not enter a surface water drainage course or surface waters. Following the spill, the area was vacuumed up and disinfected. The lift station has since been cleaned of grease. The Central Valley Water Board staff is evaluating appropriate enforcement action. (GJC)

### 5. **Raw Sewage Spill, City of Isleton Wastewater Treatment Facility, Sacramento County**

On 23 October 2008, the City of Isleton reported a raw sewage spill estimated at greater than 1,000 gallons from the pipeline that connects the wastewater treatment plant and the wastewater ponds. The spill entered a farmer's field and may have entered a drainage ditch. The spill resulted from a crack in the sewer pipe, which was repaired following the spill. Central Valley Water Board, Sacramento County Environmental Management, and the Office of Emergency Services were notified following the spill. The Central Valley Water Board staff is evaluating appropriate enforcement action. (GJC)

## SITE CLEANUP

### 1. **Final Remedies for 23 Sites selected in a Record of Decision at Former McClellan Air Force Base, Sacramento County.**

The Local Redevelopment Authority Initial Parcel Record of Decision (ROD) #2 for 23 Sites was completed on 6 October 2008. This ROD present the selected final remedies for 23 sites located at the former McClellan Air Force Base. Seven of these 23 sites present a potential threat to public health, welfare, or the environment, if not addressed by implementing the response actions selected in this ROD. At the remaining 16 sites, the Air Force has determined that No Action is necessary to protect human health, welfare, or the environment, and will allow these sites to be removed from the list of contaminated sites. This ROD addresses volatile organic compounds (VOCs) in shallow soil gas for the vapor inhalation pathway and non-VOCs in the soil that may present a threat to human health through direct contact,

inhalation or ingestion, or to surface water or groundwater quality. The remedies selected for the seven sites include, excavation and offsite disposal of contaminated soil, institutional controls, or mitigation for vapor intrusion by vapor barriers or sampling to show acceptable risk for any future construction. The State of California concurs with Air Force decisions regarding the 23 sites. (JDT)

## TMDL BASIN PLANNING

### 1 **Scoping Meeting for Basin Plan Amendment Addressing Selenium**

On 17 October Gail Cismowski, Rudy Schnagl and TJ Kopsky conducted scoping meetings in Los Banos and Rancho Cordova for a proposed Basin Plan Amendment regarding the selenium control program in the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, 4th edition. (GPC)

### 2. **South Delta and Lower San Joaquin River Salinity Objectives**

On 4 November, Joseph Simi, William Templin and Amanda Montgomery attended a State Water Board Public Staff Workshop on Southern Delta Salinity Objectives. The State Water Board has retained a consultant to conduct a review of the latest literature and identify salinity levels that are protective of crops grown in the south Delta. This technical review will also be used by the Central Valley Water Board staff in the development of proposed salinity objectives for the lower San Joaquin River (from the confluence with the Merced River to the Delta). (RJS)

## CV SALTS

### 1. **CV Salts Committees of the Salinity Policy Group**

On 2 October, the Executive Committee of the Central Valley Salinity Policy Group met to prepare for the 30 October meeting of the full Policy Group. On 22 October, the Economic and Social Impact Committee held a joint meeting with the Technical Advisory Committee in the morning to discuss a project to identify sources of salt and the Executive Committee met in the afternoon to continue making preparations for the 30 October meeting. (RJS)

### 2. **Central Valley Salinity Policy Group Meeting**

On 30 October State Water Board chair Tam Doduc, Regional Water Board chair Dr. Karl Longley, Board member Dan Odenweller, Pamela Creedon and various staff members participated in the second meeting of the Central Valley Salinity Policy Group (CVSPG). The meeting was aimed at engaging the organizations represented by CVSPG to a greater degree in CV-SALTS: the collaborative effort to update the basin plans to address salt through a comprehensive salt management plan. (RJS)

## DAIRY PROGRAM

### 1. Dairy Enforcement Activities

- a) On 29 August 2008, the San Joaquin County District Attorney's Office reached a settlement agreement with Vander Schaaf Dairy #2 after a faulty valve allowed dairy wastewater to flow into Lone Tree Creek, which flows into the San Joaquin River. Under the terms of the Stipulated Judgment, entered in San Joaquin County Superior Court, Vander Schaaf Dairy #2 has agreed to pay \$9000 in penalties and costs, with an additional \$13,500 stayed for a period of three years on the condition that no violations occur pursuant to this agreement. Of the \$9000, \$2,200 was paid to the Regional Water Quality Control Board as partial cost recovery.
- b) On .3 September 2008, the Stanislaus County District Attorney's Office reached a settlement agreement with Willem Postma, owner of Blue Star Heifer and Postma Dairy, after corral runoff from Blue Star Heifer entered the Palmer Drain, which flows into Dry Creek and then into the Tuolumne River; and several separate discharges of dairy wastewater from the Postma Dairy entered the MID Main Canal, which is tributary to the Stanislaus River. Under the terms of the Stipulated Agreement, entered in Stanislaus County Superior Court, Willem Postma has agreed to pay \$27,500 in fines and penalties. Of the \$27,500, \$10,000 was paid to the State Water Resources Control Board Water Cleanup and Abatement account.
- c) Of the 13 Notices of Violation issued by the Sacramento office dairy program staff for discharges to surface waters during the winter of 2007-2008, two were settled by the District Attorneys, working through the Northern Dairy Task Force, an additional four will be pursued by the District Attorneys, three have received Administrative Civil Liability Complaints, two are being considered for Administrative Civil Liability Complaints, and two have been resolved at the NOV level.
- d) On 28 October 2008, a Notice of Violation was issued to the Quaresma Dairy for a discharge of wastewater from cropland into an irrigation drain ditch from a defective slide gate valve. The drain ditch is tributary to the San Joaquin River. (CMH)

### 2. Dairy Grant Program

Regional Board staff is overseeing the Western United Resource Development Water Quality Improvement Project grant. The purpose of the grant is to improve dairy compliance with the General Order for Existing Milk Cow Dairies adopted by the Board in May 2007. The Grant funded 24 projects at 22 dairies throughout the Central Valley. The types of projects included tailwater return systems, distribution lines to allow more cropland to receive dairy wastewater, concrete slabs for manure and feed storage, and installation of an air-cooled system for milk cooling, which reduces water usage in the milk barn. Fifteen of the projects have been completed and inspected by Water Board staff. An additional eight projects are under construction, and a final project is in the CEQA approval process. The final project was added because low administrative costs made more money available for projects. (CMH)

### 3. Dairy General Order Implementation

Staff continues to review information submitted as part of the 2007 Annual Report submitted 1 July 2008. Staff is visiting dairies with high nitrogen application ratios relative to crop uptake to discuss additional steps that can be taken to reduce nitrogen application rates. Letters have been mailed to owners and operators of dairies that provided data in their 2007 Annual Reports indicating that they had at least one domestic well containing nitrate-nitrogen at or above the Maximum Contaminant Level of 10 mg/l. The letters urged the dairy owners and operators to seek advice regarding continued use of the water for human consumption. Efforts are continuing to contact owners and operators of dairies that failed to file their 2007 Annual Reports, and to issue deficiency letters to those whose 2007 Annual Reports were incomplete. (CMH)

### 4. Food Safety Technical Advisory Committee

A meeting of the technical advisory committee (TAC) was held on 16 October 2008, at the offices of the Almond Board of California (Almond Board) in Modesto. Representatives of the Almond Board, California Walnut Commission, and Western Pistachio Association were in attendance. The purpose of the meeting

was to exchange information regarding manure application practices employed by the dairy industry based on information available to TAC members and Central Valley Water Board staff and management practices recommended by the nut processing industry.

This was the first of several anticipated meetings to be conducted with processors and farmers of crops for human consumption. The TAC will continue to work with farmers and food processors to develop best management practices and educate dischargers to minimize risks. Members of the TAC include: Central Valley Water Board staff and representatives of the Western Institute for Food Safety and Security, California Department of Public Health, California Department of Food and Agriculture, and State Water Resources Control Board. (CLR)

## STORM WATER

### 1. **Caltrans Contains Concrete Waste Spill at Thomes Creek Bridge Replacement Project, Tehama County**

On 3 October, while pouring a concrete bridge pier, a pipe broke resulting in the discharge of 10,000 gallons of pH (11.5-12.0) concrete contact wastewater. The wastewater was immediately pumped to a lined emergency pond adjacent to the construction site and Thomes Creek. On 7 October, Regional Water Board staff responded to the complaint and investigated the spill. At that time staff became aware that this type of pier construction results in the generation of a large volume (60,000-70,000 gallons) of high pH concrete contact wastewater. This is due to the fact that when concrete is pumped into the bottom of an excavated pier hole in the stream channel, water sits atop the concrete and is forced up through the casing during as the concrete rises and the casing is removed. The contaminated water is then pumped to one of two ponds. Contact wastewater with a neutral pH is pumped to an unlined pond while the higher pH contact wastewater is directed into a lined pond. On 22 October, Regional Water Board staff met with Caltrans and their contractors to determine the disposition of the 10,000 gallons of high pH wastewater. The contractor had requested permission to chemically neutralize the waste and then wanted to discharge it for dust control at the job site. Regional Water Board staff requested that the contractor come up with a neutralization plan and a QA/QC plan for the pH testing. We suggested that they look into discharging the waste to a permitted POTW. The Discharger contacted Gerber-Las Flores Community Services District Wastewater Treatment Facility who will accept the high pH wastewater. (SAZ)

### 2. **Annual Report Status-Industrial Stormwater**

Annual industrial reports have been submitted, reviewed and logged into CIWQS. Follow-up is progressing on those who failed to submit their annual report. The facilities have been prioritized based on their exceedances of water quality benchmark data and a summary of those exceedances have been sent to large municipalities for appropriate follow up. Large municipalities are required by their municipal stormwater permits to inspect industrial facilities within their jurisdictional area. The summary of benchmark exceedances will help them prioritize their inspection program based on water quality data instead of routine random inspections. Municipalities have not had access to the data submitted to the Board in the past. The result should be a more focused inspection program, based on specific pollutants of concern, improved BMPs from industrial facilities and improved water quality from these facilities. Board staff will use the same priority spreadsheet to focus our inspections in areas outside of the large municipal areas. (GKV)

### 3. **Sacramento County's Storm Water Program Wins Award**

Sacramento County's Environmental Management Department has been selected as the 1st place winner of the US EPA's 2008 National Clean Water Act Recognition Award. The selection was based on demonstrated creative and outstanding storm water management practices in the category of Industrial Compliance. The US EPA will be presenting the award at the National Clean Water Act recognition Awards Ceremony on October 20 in Chicago.

The Regional Board has an excellent working relationship with Sacramento County EMD staff who implements the Industrial Storm Water Program. County staff implements a complete program beginning with non-filers, and includes routine inspections and enforcement actions. The County pursues its own enforcement actions and, when needed, refers cases to the Regional Water Board. The County is always willing to take those extra steps, beyond simple compliance with the County's Municipal Separate Storm Sewer System permit. (NC/KAS)

### 4. **Fish Kill in the Stockton Deepwater Ship Channel**

During the weekend of 1-2 November, a fish kill (juvenile shad) occurred in the Stockton Deep Water Ship Channel. The fish kill was first noticed and reported on Monday morning November 3<sup>rd</sup>. The City of Stockton conducted sampling to identify the cause. The Department of Fish and Game was also notified and were on scene by Monday. The first flush storm event may have caused the fish kill due to lowered dissolved oxygen or temperature changes in the Deep Water Ship Channel. The City of Stockton has installed a continuous monitor in the Deep Water Ship Canal, near McLeod Lake to measure Dissolved Oxygen levels. Regional Water Board staff will continue working closely with the City to identify the cause of the fish kill. Smith Canal, which has frequently experienced fish kills with the first flush storm water runoff, did not experience a fish kill with this storm event. (RJD)

## LAND DISPOSAL

- 1. Proposed Ash Monitoring Requirements for Wood Fired Cogeneration Facilities**  
Regional Water Board staff, in recent years, received numerous complaints of improper handling and disposal of fly ash from wood-fired power generation facilities. Although wood fly ash may be used as a beneficial agricultural soil amendment, it is being mismanaged, in many cases. Wood ash can contain a variety of priority pollutant metals, and elevated pH, which if not handled correctly pose a significant threat to water quality. In response to the issue, staff prepared supplemental monitoring and reporting requirements in the form of a Water Code Section 13267 letter for review by the Executive Officer. The letter includes an overview of permitted disposal options and requires each discharger to provide a site specific Ash Management/Disposal Plan, onsite ash monitoring, application area monitoring, and submittal of monthly monitoring reports. (CLS)
- 2. Reports of Waste Discharge for Food Processing Facilities and Residential Subdivisions, Butte County and Tehama County**  
Regional Water Board staff has been working with new and existing olive oil facilities to enroll them under the Waiver of Waste Discharge Requirements for Small Food Processors. Staff has also reviewed several Reports of Waste Discharge for large residential subdivisions that will have onsite wastewater treatment and disposal systems with flows ranging between 49,000 to 130,000 gallons per day. Some issues of concern for these projects include high seasonal groundwater, sloped sites, nearby drinking water reservoirs, and wetlands. Staff also reviewed a Report of Waste Discharge for a food processing facility that was previously disposing of wastewater improperly. Staff required the facility to ensure that wastewater is disposed of appropriately while individual Waste Discharge Requirements are drafted. (JMM)

## NPDES DISCHARGERS

- 1. Mixing Zone and Dilution Study Training Exercise, Shasta County**  
Regional Water Board staff participated in a training exercise to obtain first-hand experience in performing mixing zone and dilution studies. The training exercise included a full-scale tracer study using Rhodamine WT dye injected into the waste stream of the Cottonwood Creek Waste Water Treatment Plant facility. Activities performed included study planning and coordination, dye calculations and injection, in-stream flow measurement, stream cross-section surveys, measurement of dye concentration using a fluorometer, and collection of water samples. The study results can be used to help determine an appropriate mixing zone and dilution credit for the WWTP discharge. Future training opportunities include modeling of the mixing zone using Visual Plumes and comparing the modeled results with the observed data. (DNL)
- 2. Planned Facility Improvements, Redding Foothill Water Treatment Plant, Shasta County**  
Regional Board staff met with City of Redding Water Utility officials to discuss planned facility improvements with respect to non-storm water discharges. In April 2008, City staff discovered that Foothill Water Treatment Plant's 6 million gallon reservoir was leaking at a rate of 30 gallons per minute and discharging water with a chlorine residual of approximately 1 mg/L to an unnamed tributary of Jenny Creek. A chlorine residual over 0.02 mg/L can be toxic to aquatic life. City officials diverted the discharge to the sanitary sewer system through a temporary pump and hose system until the extent of the leak could be determined and a permanent solution implemented. (SSG)

## SANITARY SEWER OVERFLOWS

- 1. Taylorsville Sanitary Sewer Overflow, Plumas County**  
On 31 October 2008, the Indian Valley CSD notified Regional Water Board staff that a sanitary sewer overflow had occurred at the Taylorsville Wastewater Treatment Plant. The spill was due to a pressure main rupture at one of the CSD's lift stations. An unspecified volume of raw sewage was spilled to an adjacent dry irrigation ditch. The Discharger reported that the ditch was dry at the time, and that surface water was not involved. The discharger did not attempt to stop or repair the leak for two days. Regional Water Board staff is investigating, and may recommend formal enforcement. (GCS)

2. **Sanitary Sewer Overflows, Grizzly Lake Resort Improvement District, Delleker, Plumas County**  
In October 2008, the Grizzly Lake Resort Improvement District (Discharger) reported three separate sanitary sewer overflows totaling approximately 600 gallons. The three spills were caused by solids buildup in the collection system. The Discharger stated that the sewage spills were cleaned up and the areas disinfected. None of the spills entered a waterway or drainage channel. The Discharger has contracted with a company to clean their collection system lines in the areas where the solids buildup and overflows have occurred. Staff found that the Discharger was not enrolled under the General Order for Sanitary Sewer Systems, and is working with the Discharger to get them enrolled. (JMM)

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

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

On 9 October, staff conducted a public meeting to establish a long-term program stakeholder advisory workgroup. The meeting was facilitated by the Regional Water Board's contractor, CSU Sacramento Center for Collaborative Policy (CCP). The workgroup's primary role will be to help staff develop alternatives and evaluation measures for a long-term program. Staff will evaluate the alternatives and select the most promising alternatives for further analysis in the EIR.

At the first workgroup meeting staff and stakeholders discussed the workgroup structure, goals, and rules. Staff and CCP have developed a workgroup charter document that contains a plan for communicating workgroup recommendations to the Regional Water Board, establishes the work group structure, and clarifies roles and responsibilities. The next advisory workgroup meeting is planned for 17 December.

On 22 October, staff met with County Agricultural Commissioners from the Sacramento and San Joaquin Valley Area Groups to discuss the current and long-term irrigated lands regulatory programs. At this meeting the Agricultural Commissioners assigned delegates to attend future long-term program advisory workgroup meetings.

On 27 October, Regional Water Board staff met with representatives of the California Cattlemen's Association (CCA) to discuss whether non-irrigated grazing lands should be included in the long-term program. CCA feels that non-irrigated grazing lands should not be a part of the irrigated lands program because these lands do not have the same impacts as farmed irrigated lands and the addition would significantly increase the size and complexity of the program. However, CCA is committed to working with staff on developing non-irrigated grazing lands program alternatives if the Regional Water Board intends to include these lands in the long-term program.

The Regional Water Board's contractor, Jones and Stokes Associates (JSA) is continuing to update the ground water chapters of the Existing Conditions Report (ECR). In addition, JSA is updating the management practices section of the ECR. Information gaps that were identified during the ECR public comment period are being addressed. JSA is planning to finish the ECR by 31 December 2008. (AL)

### **Enforcement**

#### **California Water Code (CWC) Section 13267 Orders**

On 8 October, 40 CWC 13267 Orders were issued to growers in Stanislaus County who were identified as not being enrolled in the ILRP. This issuance is part of staff's ongoing efforts to maximize participation in the program.

Also in October, the Executive Officer issued five Notices of Violations (NOVs) to landowners and operators in Contra Costa County for the discharge of sediment that contributed to a nuisance condition, violated water quality objectives, and occurred in violation of the conditional waiver for coalition groups. The recipients of these NOVs are required to submit a technical report within 30 days describing steps being taken to reduce the sediment load discharged from their fields. (WO)

#### **Outreach Postcards to Growers**

On 15 October, 105 postcards were mailed to growers within the legal Sacramento-San Joaquin Delta who are not currently enrolled in a coalition. The intent of the postcards is to inform growers of the ILRP and their responsibility for waste discharge from irrigated agriculture. The postcards provide a potentially more cost effective means (over 13267 Orders) to notify non-participating growers they are required to enrol in the ILRP. (LW)

#### **Coalition Groups**

California Rice Commission (CRC)

The CRC and staff are continuing to work on the Monitoring and Reporting Program (MRP). On 16 October, staff received a draft MRP Plan with updated information on pesticide usage and aquatic

toxicity. Staff met with the CRC on 22 October to discuss the MRP Plan and the proposed monitoring schedule and parameters. Another meeting is scheduled for 14 November to further discuss the MRP Plan and subsequent MRP Order for the CRC. (MW)

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

On 30 September, the ESJWQC submitted its management plan for exceedances in the coalition area. Staff reviewed and submitted comments to the ESJWQC on 14 October, followed by a conference call on 20 October. The ESJWQC submitted an addendum on 31 October, which included revisions to the management plan and additional required information. Staff is reviewing the information submitted and prompt completion of this revision is anticipated. (DLH)

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

On 30 September, staff received the SVWQC Draft Management Plan. On 22 October, staff provided comments and met with the SVWQC to discuss the management plan priorities and schedule details. The SVWQC agreed to submit a revised management plan on 1 December.

On 12 September, an interim approval for 2009 was given for the SVWQC's 25 July 2008 MRP Plan. A coalition-specific order will be developed in 2009 to be effective in 2010. On 28 October, staff received the revised Quality Assurance Project Plan (QAPP), which was four weeks past the deadline established by the Executive Officer. The revised QAPP will be reviewed by ILRP staff and the Regional Water Board's Quality Assurance Officer, who will provide final approval of the QAPP.

On 26 September, Joe Karkoski met with board of the Placer, Nevada, South Sutter, North Sacramento sub-watershed. Joe discussed the long-term program, management plan issues, and enforcement efforts. (SF/JK)

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

On 30 September, the San Joaquin County and Delta Water Quality Coalition submitted its management plan for exceedances in the coalition area. Staff is preparing comments for potential revisions. The Executive Officer approved the SJCDWQC MRP Plan on 15 September with the condition of submittal of a management plan by the previously established 30 September deadline.

On 24 October, staff held a San Joaquin County and Delta Water Quality Coalition Management Plan conference call to discuss management plan development items. (CJ)

#### **Westside San Joaquin River Watershed Coalition (WSJRWC)**

On 26 September, the WSJRWC re-submitted the Management Plan and Focused Watershed Improvement Plan for the Hospital and Ingram Creek Watersheds. The WSJRWC had reviewed recent comments and additions supplied to them, and made only slight changes to the dates identified in the plans for scheduled action items. The revisions were acceptable, and staff recommended that the WSJRWC submit a final version for review and approval by the Executive Officer. Final versions of the plans were submitted for approval on 23 October. Staff is preparing an approval letter for signature by the Executive Officer.

On 4 November, the Executive Officer and Joe Karkoski attended a regular meeting of the San Joaquin Valley Drainage Authority (SJVDA) Board. A steering committee of the SJVDA oversees the Westside San Joaquin River Watershed Coalition. Potential participation of the SJVDA in the Water Board's CV-SALTS Initiative and implementation of the WSJRWC management plan were discussed. (JS/JK)

#### **Goose Lake Coalition**

On 23 October, the Goose Lake Coalition submitted a draft of the Lassen Creek Management Plan final report. Staff will provide comments to the Coalition and the final draft will be submitted by 15 November. With approval of the final report, this management plan will not require further actions by the Goose Lake Coalition. (SF)

**Westlands Coalition**

The MRP Plan is under senior review while staff awaits submittal of the revised and signed QAPP.

Staff reviewed USGS Report 02-4286 in response to the Westlands Coalition's request to waive a management plan requirement for electrical conductivity on Panoche-Silver Creek. A formal response has been drafted and is under senior review. The Annual Monitoring Report for the 2007-2008 storm season is currently under staff review. (BV)

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

Staff has met with representatives of the Tule River and Kern River sub-watershed groups to provide them with guidance and examples to aid in the preparation/revisions of the management plans for toxicity.

A format and tentative dates for meetings is being developed with the SSJVWQC and its member sub-watershed groups to discuss revisions to the Coalition's MRP Plan. (AC)

**Data Management**

Some concerns were raised by the Southern San Joaquin Valley Water Quality Coalition regarding the Coalition's ability to achieve SWAMP comparable data, and meet laboratory hold time requirements because of laboratory performance issues. In order to help the Coalition resolve these issues a meeting is being developed in which the SWAMP Quality Assurance Team from SWRCB will brief the Coalition on tools that they can use to achieve compliance. Other Coalitions will be invited to the meeting. It is anticipated that it will be held in December 2008 or January 2009 in Fresno. (MLR)

**Coalition/Dairy Coordination**

On 28 October, staff from the Dairy Program and ILRP met with Coalition groups and the dairy industry in Modesto to discuss coordination issues. Topics included ensuring that irrigated lands were regulated in the appropriate program and coordinating on addressing surface water quality problems. The dairy industry and Coalitions will begin a pilot program to conduct joint outreach in a high priority watershed in the East San Joaquin Water Quality Coalition area. (JK)

**Individual Dischargers****BerryBlest Farms**

On 8 October, the BerryBlest Farm enrolled with a coalition group after receiving Executive Officer approval. A Notice of Termination was completed, which terminated its coverage under the Individual Conditional Waiver. (CJ)

**Modesto Irrigation District**

Executive Officer requested a management plan from Modesto ID on 20 August to address exceedances of herbicides and physical parameters. The management plan was submitted on 18 September and is currently under review. (DLH)

**Turlock Irrigation District**

The Turlock ID 2007/2008 Annual Monitoring Report has been reviewed and a letter of acknowledgement and recommendations is being prepared by staff. (DLH)

**Merced Irrigation District**

The Merced ID 2007/2008 Annual Monitoring Report was reviewed and a letter of acknowledgement and recommendations was submitted by staff on 23 September 2008 and a meeting was held with Tom Stephens from Merced ID to go over staff comments on 9 September 2008. Merced Id submitted the required additional information on 3 November 2008. (DLH)

## Grant Management

### Proposition 84

Applications for the Request for Qualifications closed on 14 October. Only one complete application was received. As specified in the RFQ, the applicant will give a presentation on 5 November that includes a proposed scope of work and answer a series of questions from Regional Water Board staff. (MW)

### Proposition 50

On 24 October, staff received the San Joaquin County Resource Conservation District's grant invoice and progress report for the grant entitled Measuring the Effectiveness of Agricultural Management Practices. The invoice and progress report are under staff review. (CJ)

### MOU Pilot Program

The MOU Pilot Program contracts with the Agricultural Commissioners of Butte and Glenn Counties were suspended from 31 July to 15 October. A meeting scheduled 7 November in Oroville discussed integrating the pilot program work with ILRP management plans in the Central Valley. (MW)

## Report to Legislature

The Legislature adopted the following language in their Supplemental Report to the Budget Act: "On or before March 30, 2009, SWRCB shall submit a report to the JLBC and to the relevant policy committees that details: (a) the precise actions the SWRCB would have to undertake to obtain a 30 percent reduction to agricultural pollution runoff in to the Sacramento-San Joaquin Delta and its tributary watersheds by 2012, (b) the estimated costs of those actions, and (c) which of those actions can be completed administratively and which would require legislation to implement." On 27 October, Margie Read and Joe Karkoski, along with Rob Egel from SWRCB, met with Legislative staff to clarify what was needed in the report and discuss options for providing the required information.

## Committee Meetings

### Technical Issues

On 10 and 27 October, staff participated in the ILRP Technical Issues Focus Group meeting to discuss some tools that may help Coalitions with their Management Plans. These include: Definition of terms, Frequently Asked Questions and development of performance goals. The

(CJ)

On 4 November, the last quarterly meeting of the year was held for the Technical Issues Committee. There was a presentation by Roney Gutierrez of the National Resource Conservation District in Davis, and discussions about Management Plan development and focus Group activities. (MLR)

### ILRP Staff Initials Key:

AC	Alan Cregan	DH	Dennis Heiman	LW	Lisa Wilson	TB	Terry Bechtel
AL	Adam Laputz	DK	Dana Kulesza	MLR	Margie Lopez-Read	WO	Wesley Ouimette
BL	Ben Letton	DL H	Dania Huggins	MM	Melissa Morris		
BL S	Brett Stevens	DS	David Sholes	MW	Margaret Wong		
BV	Brent Vanderburgh	JK	Joe Karkoski	PH	Paul Hann		
CJ	Chris Jimmerson	JS	John Swanson	SF	Susan Fregien		

## GENERAL

### 1. **Video Conferencing Project:**

The Central Valley Regional Water Quality Control Board has volunteered to serve as the pilot Region for a new "Video Conferencing System". The initial system will link all three offices. The system will provide high quality video and audio of our board meetings. The goal is to provide a system where interested members of the public will be able to present testimony from any of our three offices. Once the pilot has been install and completed the system may be expanded to other offices within the Water Board.

During the initial phase of this project we will be developing a project schedule and timeline. At this time the State Board, Division of Administrative Services is working with our Information Technology staff to complete these schedules and to acquire the services of a vendor, who can help design, install and manage the system. We will keep you informed as this project moves forward.

## PUBLIC OUTREACH

On 26 August, Dean Hubbard and Shelton Gray attended the quarterly Oil and Gas Workgroup meeting. Approximately 45 representatives were in attendance including California Dept. of Fish and Game, California Division of Oil Gas and Geothermal Resources from Ventura, Bakersfield, Los Angeles, and Sacramento, U.S. Bureau of Land Management, Kern County Dept. of Environmental Health, numerous major and independent petroleum producers, and several associations that represent the petroleum industry. Each agency gave an update on issues or comments, and answered any questions from the group.

The upcoming 12<sup>th</sup> biennial Oil and Gas Conference, "Meeting the Challenge" was also discussed. The conference is designed to provide an informal forum where oil and gas operators can interface with regulatory agency staff. This year's conference will include the following topics:

- Traditional presentation of regulatory and policy updates by sponsor agencies including Bureau of Land Management, Division of Oil Gas and Geothermal Resources, and the Central Valley Regional Water Quality Control Board
- "Greenhouse Gases and a Low Carbon Future, What AB 32 Means To You"
- The conference will conclude with the Greater Bakersfield Chamber of Commerce's annual Energy Committee luncheon. This year's lunch presentation will be comprised of senior executives from the major oil companies: Aera, Chevron and Oxy plus a speaker for the small independents. They will speak about how their companies are "Meeting the Challenge." (SRG)

On 3 September, Kim Schwab attended a meeting of the American Basin Council of Watersheds (<http://placercountyrwd.org/groups/americanbasin/index.php>) including Dry Creek, Pleasant Grove/Curry Creek, and Auburn Ravine/Coon Creek Watersheds in Placer County as part of the Resource Conservation District (RCD). The watershed volunteers are committed to develop and improve resource management and maximize collaboration among landowners, land users, recreational users, government agencies and conservation groups.

On 17 September, Andrew Jensen was the featured presenter at the Association of Environmental Professionals Annual Seminar. The Presentation was titled "Clean Water Act Section 401 - Certification and Wetlands Program Compliance: What the Regional Water Quality Control Board Requires".

On 18 September, Kim Schwab spoke at the City of Brentwood and Oakley's Sixth Annual Storm Water Workshop in Contra Costa County. The focus of the workshop entails construction inspections of abandoned/inactive properties, new requirements for post construction, and County ordinance/code compliance issues.

On 18 September, Gail Cismowski made a presentation on the CV-SALTS effort to the California Environmental Education Interagency Network.

On 22 September, Kim Schwab attended the California Stormwater Quality Association (CASQA) 2008 workshop titled "*Phase II Synergy – Bringing Small MS4s Together.*" The NPDES Phase II program is implemented through a challenging and broadly written permit that applies to small municipalities that often lack the resources and staff to implement such a program. The workshop provided an interactive format to encourage the sharing of implementation strategies that will assist Phase II managers and staff. Topics included low impact development (LID), hydromodification, and program effectiveness evaluation.

On 25 September, Dennis Heiman attended the annual Day-in-the-District put on by the Central Modoc RCD.

On 30 September, Dennis Heiman met with the Northeastern CA Water Association (NECWA) to discuss potential upper watershed alternatives to the Regional Board's current Irrigated Lands Discharge Program.

On 7 October, Kim Schwab presented information relative to Low Impact Development (LID) strategies at the American Basin Council of Watersheds "Current Direction in Low Impact Development" workshop held in Roseville. Kim discussed the LID and Hydromodification Management Plan requirements in the recently adopted Sacramento area municipal storm water permit. An electronic copy of the various presentations may be found at: [www.drycreekconservancy.org](http://www.drycreekconservancy.org).

On 7 October, Michelle Wood, Adam Ballard, and Patrick Morris attended the San Francisco Bay Regional Monitoring Program (RMP) Annual Meeting in Oakland. Michelle gave a presentation about mercury management in the Delta, which briefly reviewed the mercury impairment in the Delta and the proposed methylmercury management strategy. This year the RMP Annual Meeting had the theme, "Mercury: Water Quality Enemy Number 1". A number of speakers from industry, government, and academia gave presentations about noteworthy methylmercury findings to date.

On 8 October, Guy Chetelat participated in the Stillwater Churn Watersheds Alliance meeting in Redding that included development of a citizen monitoring and stewardship program.

On 8 October, Patrick Morris, Victor Izzo, and Jeff Huggins attended a meeting about mercury in the Davis Creek watershed. Also attending the meeting were state and federal agencies, tribal representatives, and representatives from the Homestake mine. Patrick made a presentation on mercury issues and TMDLs in the Cache Creek watershed and discussed future mercury-related work planned for the Davis Creek watershed.

On 9 October, Karen Larsen attended the CALFED Water Quality Subcommittee meeting. The group heard presentations on the California Water Quality Monitoring Council, the San Joaquin River Monitoring Project, and Delta Vision.

On 10 October, Pamela Creedon, Loren Harlow and Clay Rodgers met with the Westlands Water District Board of Directors

On 14 October, Pamela Creedon, Joe Karkoski, and Karen Larsen met with the Department of Pesticide Regulation and the Delta County Agricultural Commissioners to discuss coordination on efforts related to in-Delta pesticide use.

On 14 October, Chris Foe gave an update to stakeholders in the Yolo Bypass on the proposed Delta mercury Basin Plan amendment.

On 14 October, Jacque Kelley and Rich Muhl presented a storm water training class to 50 contractors, builders, developers, consultants, and municipal staff from the Sacramento County area. The class was held in Elk Grove and covered storm water enforcement, the top 30-storm water management problems commonly observed on construction sites, effective storm water management on construction sites and wildlife entrapment issues caused by erosion control blankets.

On 14 October, Rudy Schnagl gave a presentation on the status of the dairy regulatory program to members of the Western United Dairymen's California Dairy Leaders Program at a meeting in Modesto.

On 15 October, Alisha Wenzel attended the Sacramento River Watershed Program's Regional Monitoring Program Workshop. The goal of this workshop was to discuss opportunities for developing and implementing a Regional Monitoring Program for the Sacramento River watershed. Dennis Heiman (Redding Office) and Fraser Sime (DWR) gave a joint presentation on our planned coordinated monitoring in the northern Sacramento River watershed.

On 15 October, Jacque Kelley and Rich Muhl presented a storm water training class to 55 contractors, builders, developers, consultants, and municipal staff from the City of Rancho Cordova. The class covered the top 30-storm water management problems commonly observed on construction sites, wildlife entrapment issues caused by erosion control blankets, and effective storm water management on construction sites.

On 15 October, Guy Chetelat participated in the upper Sacramento Watershed assessment and management planning meeting coordinated by the River Exchange in Dunsmuir.

On 15 October, staff from the Mercury TMDL Unit and Non 15 Permitting Unit met with the Nevada Irrigation District and their scientific consultant about a project to dredge and recover mercury from Lake Combie. The meeting focused on understanding the details of the proposed project and possible improvements and impacts to the local environment related to mercury. Additional meetings will be necessary to determine the permitting process for the project.

On 15 October, Karen Larsen, Stephanie Fong, and Adam Ballard attended the Sacramento River Watershed Regional Monitoring Program (RMP) Workshop. The workshop included presentations on the history of the Sacramento River Watershed Program; current monitoring activities in the watershed; and other regional monitoring planning efforts such as the Regional Water Board's RMP for the Delta. Susan Fregien and Margie Read also attended this workshop. Susan Fregien provided a brief overview of the ILRP's Monitoring and Reporting Program Workshop. Attendees participated in discussion of options for organizational structure, funding opportunities, monitoring strategies, and data management for the Sacramento River Watershed RMP.

On 16 October, Alan Cregan presented an Irrigated Lands Regulatory Program review and discussion at the fall meeting of the Madera-Fresno Chapter of the California Association of Pest Control Advisors.

On 16 October, Terry Bechtel and Brett Stevens attended the East San Joaquin Water Quality Coalition's quarterly Board meeting. Brett provided a briefing of staff's compliance and enforcement activities.

On 16 October, Karen Larsen and Holly Grover met with the Central Valley Drinking Water Policy Workgroup. The group discussed progress on technical studies including monitoring and analytical modeling and when outside, independent facilitation would be needed as the policy alternatives are further developed.

On 17 October, Rudy Schnagl, TJ Kopsky and Gail Cismowski attended monthly meetings of the Grassland Basin Drainers' Steering Committee and the Westside Regional Drainage Plan Steering Committee in Los Banos.

On 20 October, Pamela Creedon gave a presentation at the annual California Association of Pest Control Advisors meeting in Anaheim, CA on the Irrigated Lands Regulatory Program.

On 21 October, Rich Muhl presented a storm water training class to 21 superintendents and managers from Standard Pacific Homes. The class covered the top 25-storm water management problems commonly observed on construction sites, wildlife entrapment issues caused by erosion control blankets, and effective storm water management on construction sites.

On 21 October, Stephanie Fong and Adam Ballard attended The Delta Dialogue: Perspectives on Science and Policy, which was part of the Environmental Solutions: Lenses on the Delta series presented by the John Muir Institute of the Environment, University of California, Davis. This forum brought together past and present CALFED Lead Scientists (Clifford Dahm, Michael Healey, and Samuel Luoma) and the current Chair of the Independent Science Board (Jeffrey Mount) for a discussion of important emerging issues in the Bay-Delta; the successes and short comings of the CALFED Science Program; and the role science and scientists can play in the future of the Delta.

On 21 October, Karen Larsen met with the Drinking Water Policy Agricultural Workgroup to discuss development of a scope of work for evaluating strategies for controlling drinking water constituents of concern from agricultural sources. The evaluation will include analyses of the efficacy, feasibility and cost of implementing the strategies.

On 21 and 22 October, Russell Walls attended an environmental justice workshop and site tour that was put on by the Department of Toxic Substances Control and the Latino Issues Forum. The workshop was held at the Veteran's Memorial Building in Clovis and the tour included sites in Fresno County. The workshop/tour was designed for the environmental justice community to bring sites of concern to the attention of State regulatory agencies so that appropriate follow up could occur where appropriate. (RWW)

On 22 October, Christine Joab presented "Low Dissolved Oxygen in the Stockton Deep Water Ship Channel and the Development of a Total Maximum Daily Load" at the CalFED Science Conference.

On 22 October to 24 October, Fred Kizito presented a poster titled "Temporal and Spatial Trends of Organo-chlorine Pesticides in Central Valley and Delta Estuary Waterbodies" at the CalFED Science Conference.

On October 22-24, Mercury TMDL Unit staff attended the CALFED Science Conference. On October 24, Chris Foe and Michelle Wood gave oral presentations during the day-long session entitled, "Mercury: Linking Effects of Land Use and Habitat with Wildlife and Human Health". Chris Foe's presentation, "Methyl Mercury Concentrations and Loads in the Central Valley and Freshwater Delta", described the latest findings for methyl mercury loading throughout the Sacramento and San Joaquin Basin tributaries and the fate of methyl mercury once it arrives in the Delta during different flow conditions. Michelle Wood's presentation, "Linkage between Methylmercury in Water and Fish in the Sacramento - San Joaquin River Delta Estuary", described the Delta-specific mathematical relationship between fish methyl mercury and water methyl mercury that enables us to estimate how much we need to reduce methyl mercury sources in order to achieve safe fish mercury levels in the Delta.

On 23 October, Joe Karkoski gave a presentation on the Irrigated Lands Regulatory Program (ILRP) to the Western Plant Health Association (WPHA), a pesticide and fertilizer industry group. Joe provided an overview of California water quality law, discussed the status of the ILRP, and opportunities for collaboration with WPHA.

On 24 October, John Swanson presented a review and discussion of the Irrigated Lands Regulatory Program structure and background, and a summary of program monitoring results at the CALFED Science Conference in Sacramento.

On 27 October, Stephanie Fong participated in the Statewide Blue-Green Algae Workgroup meeting. The workgroup consists of representatives from various agencies, tribes, university, and citizen groups. Attendees updated the group on various monitoring efforts and coordination on harmful algae bloom issues occurring throughout the state. The meeting concluded with a tour of the CDFG OSPR laboratory facilities that demonstrated the processes used to analyze for cyanotoxins.

On 27 and 28 October, Pamela Creedon, Karl Longley, Kate Hart, Sandra Meraz and Dan Odenweller attended the Water Quality Coordinating Committee in Sacramento

On 28 October, Pamela Creedon, Karl Longley and Tam Doduc met with the Board of Forestry and Fire Protection's Chair Stan Dixon and Executive Officer George Gentry.

On 28 October, Bill Brattain and Melissa Hall attended a public meeting in Middletown regarding the Geothermal Inc. Facility that was hosted by Pacific Gas and Electric Company. The facility is a former drilling mud and geothermal power plant waste disposal facility in Lake County that was closed under Cleanup and Abatement Order (CAO). The purpose of the meeting was to inform the residents about activities at the site over the past year, and progress in achieving five feet of separation between groundwater and waste by 2011 as required by the CAO.

On 28 October, Victor Izzo attended a Calaveras County Board of Supervisors special session on abandoned mines. The focus of the meeting was what resources were available to investigate and cleanup mine sites that poses a threat to human health. Department of Toxic Substances discussed the different Brownfields Programs they administer. Sierra Fund discussed how they could assist Calaveras County in writing grant proposals. Regional Water Board staff briefly discussed the impacts to water quality in Copperopolis caused by abandoned mines. The Board of Supervisors thanked us for attending and providing them some insight on abandoned mine issues.

On 28 October, Ron Dykstra met with the Sacramento County Waste Advisory Committee by teleconference to provide technical input. The advisory committee is developing a new ordinance and manual for onsite wastewater disposal.

On 28 October, Joseph Simi and Christine Joab attended a meeting at the Department of Water Resources (DWR) Headquarters to discuss the operations and monitoring data from the DWR Demonstration Aeration Facility located at Rough and Ready Island in the Stockton Deep Water Ship Channel. Participants at the meeting included representatives from the State Water Resources Control Board-Division of Water Rights, DWR and their consultant, ICF Jones & Stokes.

On 29 October, Gen Sparks met with the Colusa County Resource Conservation District to discuss the Sulphur Creek Mercury and Sediment Reduction Project, which was awarded a 319h grant this year. The Colusa County Resource Conservation District is the grantee for this project. The meeting provided information to the grantee so that a potential strategy could be developed as the project moves forth.

On 30 October, Gen Sparks met with CalTrans staff to review a monitoring plan developed to address requirements in the TMDL for Nutrients in Clear Lake. CalTrans was named as a responsible party in that TMDL.

On 30 October, Dale Stultz participated on an interview panel for the City of Redding for their vacant Household Hazardous Waste Supervisor position.

On 31 October, Drew Coe was selected by U.S. Forest Service Regional Hydrologist Barry Hill to help devise statewide methodologies for site selection of in-channel monitoring sites on Forest Service lands.

On 3 November, Pamela Creedon, Ken Landau and Karen Larsen met with Joe Grindstaff, Director of CalFed and his staff Cliff Dahm and Anke Mueller-Solger to discuss the Delta.

On 4 November, Robert Ditto and Greg Vaughn met with the City of Vacaville to discuss elements of their storm water program. The discussions included the municipality's successes and challenges. Topics included the construction inspection program, development standards for post construction including low impact development, hydromodification, the illicit discharge detection and elimination program, public participation, education and outreach, municipal operations and maintenance, and program effectiveness evaluation.

On 4 November, Pamela Creedon and Joe Karkoski were guest speakers at the San Joaquin Valley Drainage Authority Joint Regular Meeting of the Board of Directors and the Regional Water Quality Management Steering Committee in Los Banos, CA.

On 5 November, Dennis Heiman and Guy Chetelat participated in the Sacramento River Watershed Program stakeholders meeting in Redding that included presentations on various restoration projects and discussion of future aspects of a statewide watershed program.

On 5 November, Pamela Creedon was a guest panelist at the CSUS Evening with Industry

On 5 November, Joe Mello participated as a member of the "When Compost Regulatory Missions Collide" session panel at the Local Enforcement Agency/integrated Waste Management Board Partnership Conference in Napa. Joe along with staff from the San Joaquin Valley Air Quality Management District and the Integrated Waste Management Board discussed the different agency perspectives in regulating composting facilities.

On 6 November, Pamela Creedon was a guest on the "Groundwater Quality: Who's in Charge of the Recharger?" Panel at the California Water Policy 18 Conference held in Pasadena, CA.

On 6 November, Kim Schwab attended the Contra Costa County Clean Water Program's Planning, Design, and Construction of Low Impact Development Facilities workshop for land development design professionals, contractors, development reviewers, and inspectors held in Walnut Creek.

On 13 November, Rich Muhl held a field training class for 8 building inspectors from Tuolumne County. The class covered basic sediment and erosion control BMPs, how to inspect construction sites, common storm water problems on construction sites, concrete waste management and other issues associated with high slope building sites. This training was conducted in response to a significant number of storm water management problems observed during inspections of construction sites this year.

On 19 November, Kim Schwab attended the Contra Costa Clean Water Program's Management meeting in Martinez where they discussed the status of the draft Phase I MS4 permit proposed for completion in 2009.

In the month of October and November, Kim Schwab and Greg Vaughn met with Small and Large Municipal Storm Water permittees to discuss their NPDES storm water programs. The discussions included the municipality's successes and challenges. They included the cities of Roseville, Rocklin, Auburn, and Rancho Cordova. Staff proposes to meet with other municipalities during this fiscal year to ensure consistency in the program and to assist them with their storm water program elements.

On 20 November, the Sacramento Title 27 Permitting and Mines Unit organized a workshop with the United States Forest Service to provide information on Water Board's laws and regulations, and the permitting process. Forest Service staff from many of the individual National Forest within the Central Valley Region will attend. Board staff from the Title 27, NPDES and Storm Water programs will give presentations at the workshop. Also, staff from our Redding and Fresno staff will attend as well as a State Board staff representative. The goal of the workshop is for both the Forest Service and the Regional Board staff to have a better understanding of the other agency's programs, which will enhance better coordination in mine permitting.

On 21 November, Kim Schwab met with the storm water staff in Rancho Murrieta Community Services District (RMCS D) and toured their storm water drainage system. The RMCS D has been designated as a Small Non-Traditional MS4. Their Storm Water Management Plan is currently under review by staff. The RMCS D includes several business entities, both public and private. They include the Rancho Murrieta Association, Murrieta Village Association, Rancho Murrieta County Club (two 18-hole golf courses), Operating Engineers Training Center, the Rancho Murrieta Airport, and Murrieta Equestrian Center. Storm water flows to the Consumnes River.

## STAFF RECOGNITION

### September 2008, Employee of the Month Recipients

#### REDDING OFFICE

**Candidate: Greg Cash**  
**Title: Engineering Geologist**  
**Unit: South Regulatory Unit**  
**Supervisor: Bryan Smith**

Greg was selected to receive the September 2008 Employee of the Month award. Greg routinely volunteers to take on special work assignments, in addition to his regularly assigned work load. Most recently, he volunteered to help coordinate the implementation of the eSMR2 program for the Redding office. As if this wasn't enough, Greg also took on many of the responsibilities for another staff person who was temporarily reassigned to work on emergency fire-burned area assessments. Through Greg's excellent efficiency and organization, the quantity and quality of Greg's regular work assignments has not suffered. Congratulations, Greg!

#### FRESNO OFFICE

**Candidate: Dean Hubbard**  
**Title: Engineering Geologist**  
**Unit: Hazardous Disposal Sites**  
**Supervisor: Shelton Gray**

Dean has been with the Board for eight years. He is responsible for environmental issues related to the oilfields; approximately 42 Chevron/Texaco crude oil pipeline cleanup sites between Los Banos and Antioch and other regulated sites. Dean is an effective and productive staff member, able to proceed independently while acting as a mentor for newer staff. His ability to focus on written responses and integrate with the regulations, coupled with his ability to relate with the younger employees is a benefit for the office. His calm and mature manner, coupled with his background and professional experience enables Dean to resolve difficult situations in a confident manner. Dean's sustained effort is consistently professional, knowledgeable and prompt in dealing with the Dischargers for which he is responsible and he continues to produce an excellent quality product in a timely manner. Congratulations, Dean!

#### SACRAMENTO OFFICE

**Candidate: Kiran Lanfranchi-Rizzardi**  
**Title: Staff Services Analyst**  
**Unit: Executive Office**  
**Supervisor: Pamela Creedon**

Kiran serves as the assistant to the Executive Officer. She has full responsibility for Board Meeting activities, handling the easy and difficult requests and needs of the Board Members with ease, managing the desk of the Executive Office and juggling the Executive Officer's hectic calendar and special requests with grace and uncompromised professionalism. Kiran's efforts and dedication to the Board are unmistakable. She has earned the trust of the Board Members and the Executive Branch. Kiran takes great pride in her work, never fails to go above and beyond what is expected of her, she is mindful of protocol, respectful of everyone and kind hearted. It is a delight to present this award to a very deserving individual. Congratulations, Kiran!

**Candidate: Dana Kulesza**  
**Title: Environmental Scientist**  
**Unit: Compliance, Outreach, and Planning**  
**Supervisor: Brett Stevens**

Dana is an extremely talented employee who consistently produces high quality work. Her great assets include her ability to work independently and take initiative. She is also excellent at identifying what needs to be done to accomplish her work and finding the most effective way to do so. She has applied these skills in drafting a concise, clear summary of the last five years of the Irrigated Lands Regulatory Program's accomplishments. Dana recently accepted a one-year assignment to assist in developing the Long-Term Plan and an Environmental Impact Report for the Irrigated Lands Regulatory Program. She has already applied her GIS and organizational skills in compiling complex groundwater information and producing high quality maps. Congratulations, Dana!

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

Kristi started working at the Board in August 2007, bringing with her 11 years of consulting experience and a fresh perspective to soil and groundwater cleanups. She oversees more than 40 cleanup sites, including some with recalcitrant Dischargers and some with interested neighbors. She maintains a calm and professional demeanor in all her interactions. She became active in the Employees Association from the start and volunteered to head up the committee to plan this year's holiday party. She is organized, diligent, and dependable. Congratulations, Kristin!

**PERSONNEL AND ADMINISTRATION**  
**October 2008**

**PERSONNEL**

<u>Total Positions</u>	<u>Vacancies</u>	<u>Gained</u>	<u>Lost</u>
260.7	10.0	2.0	7.2

**Gains:**

2.0 new positions for Wetlands program

**Return from LOA**

n/a

**Promotions:**

Antony Scheeler, Office Technician to Staff Services Analyst

**Separations:**

Gina Kathuria, Supervising Water Resources Control Engineer

**Leave of Absence:**

Catherine Graham, Environmental Scientist  
Dani Berchtold, Sanitary Engineering Associate  
Michael Negrete, Sanitary Engineering Associate  
Katie Bowman, Water Resources Control Engineer

**Retirement:**

N/A

**Recruiting:**

Pending the receipt of a final budget we have halted our recruitment efforts. The historical monthly staff turnover rate for our Region is approximately 3 to 5 staff. During the past two months we have had one vacancy. We need to take this step to assure that we do not overspend our budget.

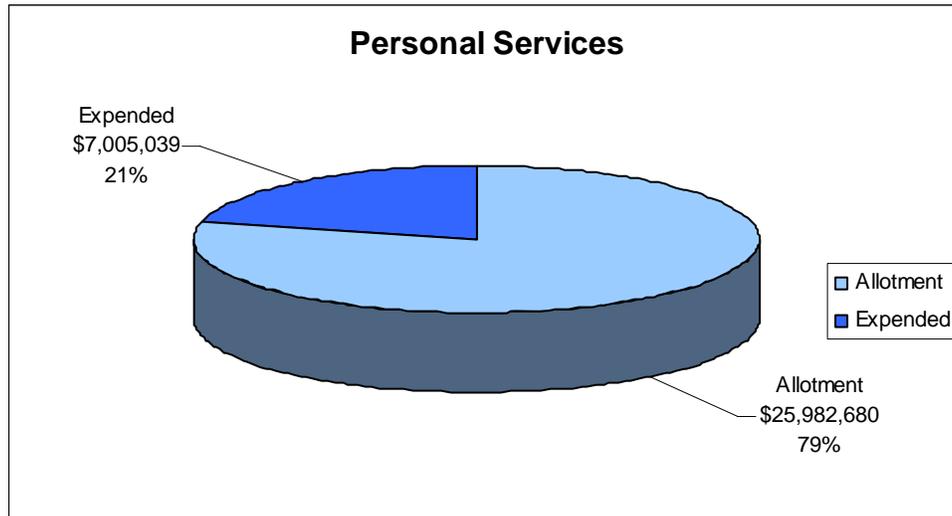
TRAINING (October 2008)

<b>Course Name</b>	<b>Date of Training</b>	<b># of Attendees</b>
Interpersonal Skills	10/01/2008	1
Sanitary Sewer Collection Systems	10/01/2008	1
Toastmasters (bi-monthly beginning October 2008)	10/01/2008	2
Regional Monitoring Program Annual Meeting	10/07/2008	2
Grant Manager Training	10/09/2008	2
Advanced Wastewater Engineering	10/14/2008	7
Wetlands Regulation and Mitigation	10/15/2008	2
Making the Transition to Supervision	10/21/2008	8
CalFED Science Conference (Multiple day conference)	10/22/2008	21
SWAMP Advisor	10/28/2008	2
Strategies to Maximize Nutrient Up-Take	10/30/2008	1

**Fiscal Report**  
**Based on September 2008 Expenditures**  
*(An Average of 25% should have been expended to date)*

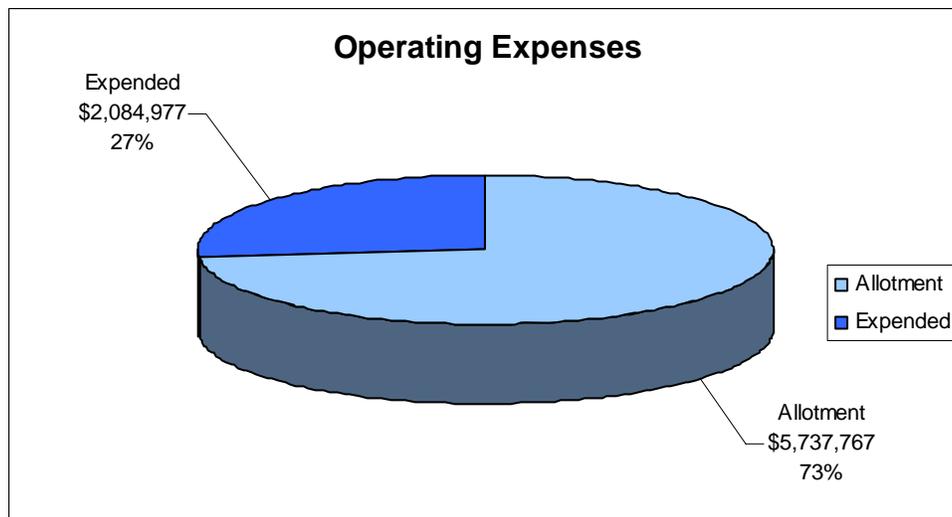
**PERSONAL SERVICES**

Our Personal Services Budget is \$25,982,680. With the General Fund and Bond Cuts we lost 9 positions and just over \$1 million. We have been told to expect additional cuts in the current year and in our next year's budget. At this point, we still do not have a final FY 2008/2009 budget. The expectation is that this will be provided sometime in December.

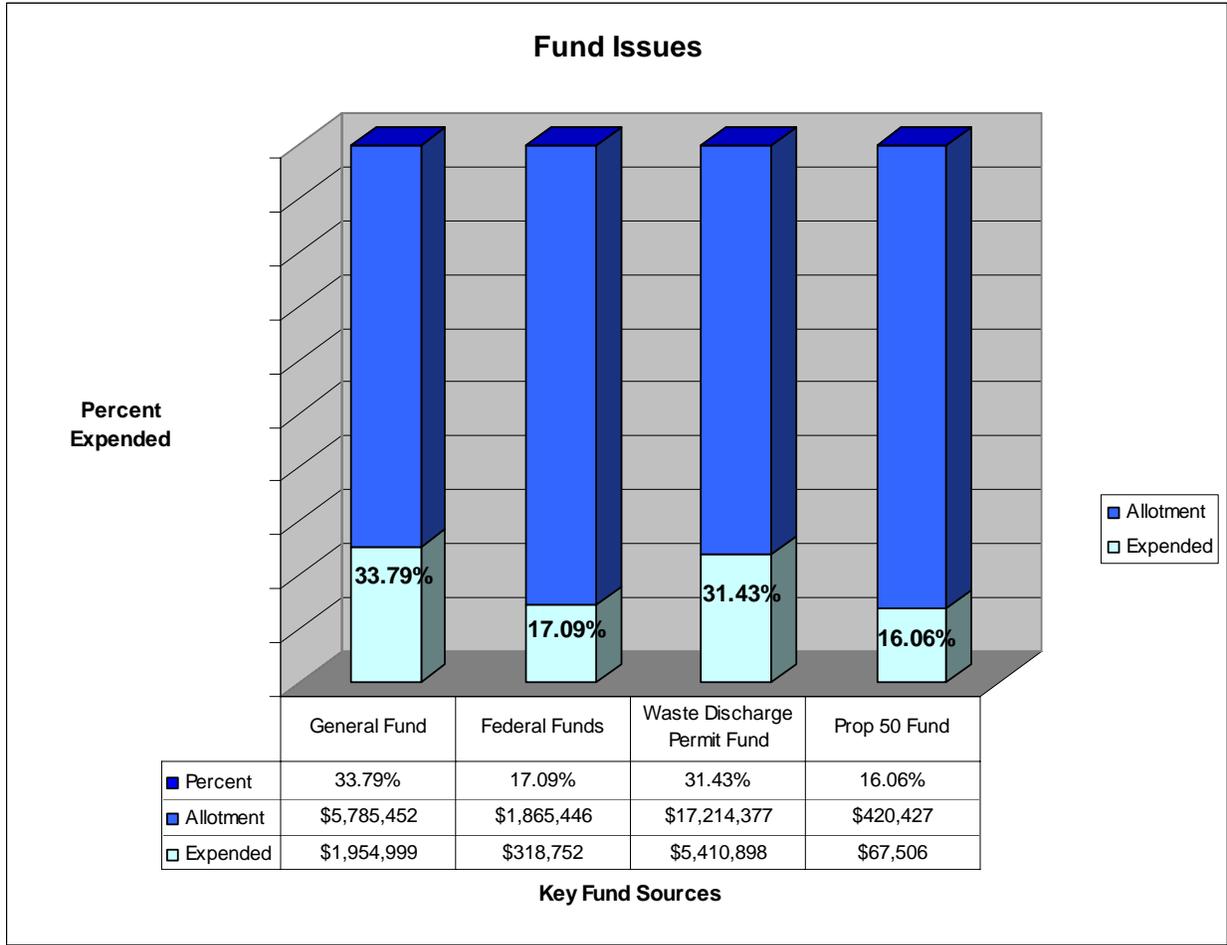


**OPERATING EXPENSES**

As of September 30, we have spent 27% of our operating expense budget. We will continue to monitor expenditures to ensure that we are not overspending.



**FUND ISSUES**



## **FUTURE BOARD ACTIVITIES**

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

### **February 2009 Board Meeting**

- 303(d)/305(b) List Adoption
- Triennial Review of Sacramento/San Joaquin River Basin Plan
- Regionalization/Recycling/Reclamation Resolution

### **Enforcement**

- City of Live Oak Cease and Desist Order (new)

### **NPDES Permits**

- City of Angels WWTP (Permit amendment)
- Dept of Forestry, Mountain Home Conservation Camp (renewal)
- Donner Summit WWTP (renewal)
- Formica Corporation, Placer County (rescission)
- Hershey Foods, Oakdale (rescission)Maxwell WWTP (renewal)
- Mt. Shasta Fish Hatchery (renewal)
- Nevada County Sanitation District, Lake of the Pines (renewal)
- Nevada County/Lake Wildwood WWTP (renewal)
- Plumas County Gopher Hill Land Leachate Disposal (renewal)
- Portola WWTP (renewal)
- Redding Clear Creek WWTP (renewal)
- River Highlands CSD WWTP (renewal)
- Sacramento Combined System (renewal)
- San Andreas WWTP (renewal)
- Sierra Pacific Industries, Shasta Lake Sawmill (renewal)
- Turlock WWTP (renewal)
- Washington Mine (new)

### **Land Disposal WDRs**

- Barrel 10 Cellars (update)
- Byron WWTP (update)
- Double Diamond Dairy, Merced County (new)
- Kelseyville WWTP (update)
- Morning Star Packing (new)
- Pine Grove WWTP (update)
- Unimin Corporation, Lone Plant (update)
- Veldhuis North Dairy (new)

### **April 2009 Board Meeting**

### **NPDES Permits**

- Beale AFB WWTP (renewal)
- City of Angels WWTP (amendment)
- City of Stockton Stormwater Management Plan approval
- Galt WWTP (renewal)
- Manteca WWTP (renewal)

**Land Disposal WDRs**

- Antonio Brasil Dairy, Merced County (new)
- Gallo Columbard Dairy and Digester, Merced County (new)
- Mun and Perkins Gravel (new)
- WD Swine, Stanislaus County (new)
- Western Dairy Farm, Glenn County (new)
- Williams WWTP (new)

**TENTATIVE ORDERS**

Tentative Orders have been issued for the following facilities:

**Amador County**

- Howard Estate and Unimin Corporation, Unimin Corporation Ione Plant, Tailings Impoundments, Waste Discharge Requirements

**Butte County**

- The City of Chico, Chico Water Pollution Control Plant, Administrative Civil Liability Order
- Ronald and Betty Logan, North Continent Land and Timber Company, Inc., and New Era Mining Corp., New era Mine, Waste Discharge Requirements

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**Calaveras County**

- San Andreas Sanitary District, Wastewater Treatment Plant, Administrative Civil Liability Complaint

**Colusa County**

- City of Colusa, Wastewater Treatment Plant, NPDES Permit renewal
- City of Williams, Williams Wastewater Treatment Plant, NPDES Permit renewal

**Contra Costa County**

- Town of Discovery Bay, Discovery Bay Wastewater Treatment Facility, NPDES Permit renewal

**El Dorado County**

- El Dorado Irrigation District, Deer Creek Wastewater Treatment Plant, NPDES Permit renewal
- Larry Morales, Gold Beach Park Wastewater Treatment Facility, Cleanup and Abatement Order

**Fresno County**

- City of Fresno, United States Army Corps of Engineers, United State National Guard, and the Boeing Company, Old Hammer Field, Waste Discharge Requirements
- Southern California Edison Company, Balsam Meadow Hydroelectric Project, Administrative Civil Liability Complaint

**Glenn County**

- City of Willows, and Eco Resources, Inc., Willows Wastewater Treatment Plant, Administrative Civil Liability Complaint

**Kern County**

- Chevron USA Inc., Section 29 Surface Impoundments, Lost Hills Oil Field, Waste Discharge Requirements amendment

**Merced County**

- Michael Vander Dussen, DBA Double Diamond Dairy, Waste Discharge Requirements

**Nevada County**

- City of Grass Valley, Wastewater Treatment Plant, NPDES Permit renewal
- City of Nevada City, Wastewater Treatment Plant, NPDES Permit renewal
- Nevada County Sanitation District No. 1, Cascade Shores Wastewater Treatment Plant, Administrative Civil Liability Order
- Nevada County Sanitation District No. 1, Lake of the Pines Wastewater Treatment Plant, Administrative Civil Liability

**Placer County**

- City of Lincoln, Wastewater Treatment Plant, Administrative Civil Liability Complaint
- City of Roseville, Dry Creek Wastewater Treatment Plant, Administrative Civil Liability Complaint
- Ken Maas Enterprises, Alexandria Estates, Administrative Civil Liability Order

**Sacramento County**

- California Department of General Services, Central Plant Operations, Heating and Cooling Facility, NPDES Permit amendment
- City of Galt, Wastewater Treatment Plant, Administrative Civil Liability Complaint
- State of California - Department of Fish and Game, Nimbus Salmon and Steelhead Hatchery, American River Trout Hatchery, Administrative Civil Liability Complaint
- Tsar Nicoulai Caviar, LLC, Tsar Nicoulai Sturgeon Farm, Wilton, Administrative Civil Liability Complaint

**San Joaquin County**

- California Department of Corrections, Deuel Vocational Institution, Administrative Civil Liability Complaint
- Forward Inc. and Allied Waste Industries, Forward Landfill, A Class II Facility, Cleanup and Abatement Order
- Frank and Shari Guinta, and James and Marilyn Ramsey for 2072 West Yosemite Avenue, CEQA document
- Frank and Shari Guinta, and James and Marilyn Ramsey for 2072 West Yosemite Avenue, Cleanup and Abatement Order
- HJ Baker & Bro. Inc. and the Port of Stockton, Molten Sulfur Processing Plant, Cleanup and Abatement Order
- Mountain House Community Services District, Wastewater Treatment Plant, Administrative Civil Liability Complaint
- San Joaquin County Service Area 31, Flag City Wastewater Treatment Plant, Administrative Civil Liability Complaint

**Shasta County**

- Sierra Pacific Industries, Shasta Lake Division, Administrative Civil Liability Complaint

**Sierra County**

- Sixteen To One Mine, Original Sixteen To One Mine, Inc, NPDES Permit rescission

**Solano County**

- Norcal Waste Systems Hay Road Landfill, Incorporated, Hay Road Landfill, Class II & III Landfills, Class II Waste Pile, and Class II Land Treatment Unit, Operation, Closure, Post-Closure Maintenance, and Corrective Action
- University of California, Davis Campus, Wastewater Treatment Plant, Administrative Civil Liability Complaint
- University of California, Davis, Main Wastewater Treatment Plant, NPDES Permit renewal

**Sutter County**

- City of Live Oak, Wastewater Treatment Plant, Cease and Desist Order
- Linda County Water District, Wastewater Treatment Plant, time schedule amendment

**Tulare County**

- AAF-McQuay, Inc., Groundwater Remediation System, Administrative Civil Liability Complaint
- Kraft Foods, Inc., Visalia Plant, Administrative Civil Liability Complaint
- Rockwell International, Inc., Groundwater Cleanup System, Administrative Civil Liability Complaint

**Yolo County**

- City of Woodland, City of Woodland Water Pollution Control Facility, NPDES Permit renewal
- University of California, Davis Campus, Wastewater Treatment Plant (Administrative Civil Liability Complaint, Mandatory)
- University of California, Davis, Main Wastewater Treatment Plant, NPDES Permit renewal

**Yuba County**

- Linda County Water District, Wastewater Treatment Plant, amendment of time schedule

**General Orders**

- Conditional Waiver of Reports of Waste Discharge and Waste Discharge Requirements for Specific Types of Discharge Within the Central Valley Region

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 ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS	----- \$ EXPENDITURES -----			
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	260.7	20,517,783	5,274,800	15,242,983	26 %
Temporary Help	0.0	20,000	4,899	15,101	25 %
Overtime		0	15,580	( 15,580)	0 %
Board Stipend		12,000	1,100	10,900	9 %
Total Authorized Positions	260.7	20,549,783			
Salary Increases		0			
Workload & Admin. Charges	0.0	0			
Proposed New Positions	0.0	0			
Partial Year Positions	0.0	0			
Total Adjustments	0.0	0			
Total Salaries	260.7	20,549,783			
Salary Savings	( 13.0)	( 854,888)			
Net Total Salaries	247.7	19,694,895			
Staff Benefits		6,287,785	1,708,660	4,579,125	27 %
TOTAL PERSONAL SERVICES(PS)	247.7	25,982,680	7,005,039	18,977,641	27 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		322,621	7,137	315,484	2 %
Printing		47,421	8,837	38,584	19 %
Communications		185,689	21,860	163,829	12 %
Postage		26,935	12,000	14,935	45 %
Travel In-State		238,730	( 1,525)	240,255	( 1)%
Travel Out-Of-State		0	0	0	0 %
Training		123,613	0	123,613	0 %
Facilities Operations		1,651,172	363,106	1,288,066	22 %
Utilities		235,644	36,450	199,194	15 %
Contracts - Internal		936,875	293,742	643,133	31 %
Contracts - External		1,829,299	1,235,093	594,206	68 %
Consolidated Data Center		0	0	0	0 %
Central Adm.Serv. - Prorata		0	0	0	0 %
Central Adm.Serv. - SWCAP		0	0	0	0 %
Equipment		38,500	0	38,500	0 %
Other		101,268	108,277	( 7,009)	107 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		5,737,767	2,084,977	3,652,790	36 %
TOTAL PS & OEE		31,720,447	9,090,016	22,630,431	29 %
Indirect		5,944,019	1,719,697	4,224,322	29 %
GRAND TOTAL		37,664,466	10,809,713	26,854,753	29 %

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## Expenditure Organization Summary

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Organization - Region 5

for the month ending September 08/09

Fund Source	\$ Allotment	\$ Expenditures	% Expended
NPS Pollution Control Program-Prop 13 -- (00BOND-NPSC)	= 237,188	44,961	19.0
Watershed Protection Program -- (00BOND-WPP)	= 0	75,063	0.0
Prop 84 - 2006 Bond -- (06BOND)	= 79,080	11,031	14.0
Cleanup & Abatement Account-Management -- (CAA)	= 4,113,088	1,182,732	28.8
NPDES -- (F(106))	= 151,904	0	0.0
Non-Point Source -- (F(319H))	= 941,213	144,655	15.4
DoD Cost Recovery -- (F(DOD-CR))	= 153,158	17,631	11.5
Lawrence Livermore -- (F(LL300))	= 245,653	43,757	17.8
Leaking Underground Storage Tanks -- (F(LUST))	= 373,518	112,709	30.2
General -- (G)	= 5,785,452	1,954,999	33.8
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
-- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,875,788	482,023	25.7
Proposition 50 -- (PROP 50)	= 420,427	67,506	16.1
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 191,603	45,428	23.7
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 256,806	39,816	15.5
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 20,545	0	0.0
CALFED Cooperative Program -- (R(CALFED))	= 952,506	2,949	0.3
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,610,200	305,842	19.0
Surface Impoundment Assessment Account -- (SIAA)	= 204,187	23,985	11.8
State/Federal Revolving Fund-Federal -- (SRFFED)	= 13,219	2,553	19.3
Tobacco Tax -- (TBT)	= 168,048	43,788	26.1
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,656,496	797,386	30.0
Waste Discharge Permit Fund -- (WDPF)	= 17,214,377	5,410,898	31.4
TOTAL	37,664,456	10,809,712	28.7 %