

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



EXECUTIVE OFFICER'S REPORT
23/24 April 2009

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SUCCESS STORIES

1. **Settlement of Administrative Civil Liability Complaints/Orders for Mandatory Minimum Penalties.** Since the last Executive Officer's Report was prepared, the following ACL Complaints and Orders for Mandatory Minimum Penalties (MMPs) have been settled:
 - a) **ACL Complaint No. R5-2009-0522, Canada Cove Limited Partnership, French Camp RV Park and Golf Course, San Joaquin County**

On 17 March 2009, the Executive Officer issued an Administrative Civil Liability Complaint in the amount of \$22,500 to Canada Cove Limited Partnership (Discharger), the owner of the French Camp RV Park and Golf Course, for violations of Waste Discharge Requirements (WDRs) Order R5-2006-0039 and Cease and Desist Order (CDO) No. R5-2006-0040. The Discharger is permitted to reclaim treated wastewater on its golf course pursuant to the regulatory requirements prescribed in its Order, which ensure the protection of human health through adequate wastewater treatment. The discharger has paid this penalty to settle the matter.

From 5 May 2006 through 31 September 2009, the Discharger reported 77 effluent limitation violations for treated wastewater discharged to land, particularly in relation to the Reclamation Limitations necessary to meet Title 22 requirements for the protection of human health. The Discharger also violated its Monitoring and Reporting Program (MRP) and time schedules to submit several reports and upgrade its treatment facility to consistently meet the required standards.

On 16 January 2009, the Executive Officer issued a Notice of Violation and California Water Code Section 13267 Order to submit a technical report that fully describes it plans to achieve full compliance with its WDRs and CDO. After meeting with staff, the Discharger changed its method of wastewater disposal when the wastewater treatment plant was shut down and a septic hauler was contracted to handle all the wastewater from the site. The Discharger has applied for a land discharge permit to allow treated wastewater to be disposed of through a subsurface drip system. The Discharger intends to continue to utilize the services of the septic hauler until it receives its land discharge permit. (AMH)
 - b) **ACLC R5-2009-0556 issued to the City of Turlock Wastewater Treatment Plant, Stanislaus County.**

The MMPs were in the amount of \$174,000 for violations of effluent limitations for chlorine residual, dissolved oxygen, pH, settleable solids, total coliform, total suspended solids, and turbidity at the facility from 1 January 2000 through 31 December 2007. The Discharger has paid the penalty to settle the matter.
 - c) **ACLC R5-2008-0558 issued to the San Joaquin County Service Area 31, Flag City Wastewater Treatment Plant, San Joaquin County.**

The MMPs were in the amount of \$60,000 for violations of effluent limitations for total coliform at the facility from 25 April 2003 through 10 April 2008. The Discharger ceased discharging to surface water on 10 April 2008. The Discharger has paid the penalty to settle the matter.
 - d) **ACLC R5-2008-0572 issued to the City of Roseville, Dry Creek Wastewater Treatment Plant, Placer County.**

The MMPs were in the amount of \$63,000 for violations of effluent limitations for turbidity, chlorine residual, ammonia, pH, cadmium, and total coliform at the facility from 1 January 2001 through 31 December 2007. The Discharger has paid the penalty to settle the matter.
 - e) **ACLO R5-2008-0586 issued to the City of Galt Wastewater Treatment Plant, 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 at the facility from 1 January 2000 through 31 December 2007. The Discharger paid \$52,251 as a Supplemental Environmental Project to restore wetlands at the Consumnes River Preserve and submitted a check in the amount of \$55,749 to settle the matter.

- f) **ACLC R5-2008-0599 issued to the City of Auburn, 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 at the facility from 1 January 2000 through 30 April 2008. The Discharger has paid the penalty to settle the matter.
- g) **ACLC R5-2008-0603 issued to the Sacramento Regional Sanitation District, Sacramento County.**
The MMPs were in the amount of \$54,000 for violations of effluent limitations for residual chlorine, cyanide, pH, settleable matter, and total coliform organisms at the facility from 1 January 2000 through 30 April 2008. The Discharger has paid the penalty to settle the matter.
- h) **ACLC R5-2008-0604 issued to the City of Woodland, Yolo County.**
The MMPs were in the amount of \$9,000 for violations of effluent limitations for flow, total coliform organisms, and turbidity from 1 January 2000 through 31 March 2008. The Discharger has paid the penalty to settle the matter.
- i) **ACLC R5-2008-0607 issued to the City of Nevada City, 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 at the facility from 1 January 2000 through 30 April 2008. The City of Nevada City Wastewater Treatment Plant is a publicly owned wastewater treatment plant with a financial hardship. Therefore, CWC section 13385(k) provides that money expended for design and construction of treatment plant upgrades to correct violations of effluent limitations may be paid in lieu of MMPs for these facilities. The City of Nevada City has already spent over \$5 million for a new wastewater treatment plant, which has been designed to meet permitted effluent limitations. The ACLC states that payment of the penalty has been satisfied through construction of the compliance project.
- j) **ACLC R5-2008-0611 issued to the City of Yuba City, Sutter County.**
The MMPs were in the amount of \$84,000 for violations of effluent limitations for chlorine residual, pH, settleable solids, and total coliform at the facility from 1 January 2000 through 31 March 2008. The Discharger has paid the penalty to settle the matter.

- 2. **Well 34 Construction Wastewater Discharge, Olivehurst Public Utilities District, Yuba County**
On 16 January 2009, Yuba County Public Works staff reported a surface water discharge during construction of Well 34, owned by Olivehurst Public Utilities District (OPUD), in Yuba County. OPUD applied for and was assigned coverage under General Order for Dewatering and Other Low Threat Discharges to Surface Waters R5-2008-0081 (NPDES No. CAG995001) for wastewater discharges during well development. The illegal discharge occurred during the construction phase, not the development phase, and resulted in large amounts of sediment from drill cuttings entering an agricultural ditch tributary to the Bear River. Staff conducted an investigation on 22 January 2009 and issued a Notice of Violation and 13267 Order for Information on 3 March 2009. Coverage under General Order R5-2008-0081 was terminated on 5 March 2009. Staff is awaiting the technical report, and will evaluate the need for further enforcement at that time.
- 3. **Save the American River Association Complaint Investigation Inspection, City of Folsom's Corporation Yard and Veteran's Hall Sanitary Sewer Collection System, Sacramento County**
The City of Folsom (Discharger) owns and operates a sanitary sewer collection system that conveys wastewater through the Sacramento Regional Sanitation District's (District) regional interceptors for treatment at the District's Sacramento Regional Wastewater Treatment Plant pursuant to the Statewide General Waste Discharge Requirements (WDRs) for Sanitary Sewer Collection Systems, Water Quality Order 2006-0003. In a letter dated 16 February 2009, the Save the American River

Association (SARA) expressed its concerns that the Discharger's Corporation Yard and the nearby Veteran's Hall may be on septic systems which could be impacting the American River. SARA expressed specific concerns that these facilities may not have proper sewer connections and pump stations in operation to convey all wastewater through the collection system for treatment at the Sacramento Regional Wastewater Treatment Plant. On 11 March 2009, staff met with the Discharger to conduct an inspection of the sewer connections in the vicinity of the Corporation Yard and Veteran's Building. Staff documented the operation of appropriate sewer connections and pumps stations, and considers this matter resolved.

SITE CLEANUP/CLOSURES NO FURTHER ACTION

4. **McDonald Island Corrective Action**

A pond operated by Pacific Gas and Electric Company (Discharger) was actively used for waste disposal operations for the discharge of 'designated waste' and was closed under Chapter 15 requirements (Now Title 27). The pond contained about 31,000 cubic yards of spent drilling fluids discharged between 1974 and 1986, which degraded groundwater with barium, chloride, sulfate, and EC. The Discharger was ordered to discontinue this discharge in 1986 and in 1994 the pond was clean closed. The groundwater has been monitored since then and in a 2008 report the Discharger demonstrated that the clean closure was successful and groundwater meets the cleanup standards. Because of the successful remediation the current Waste Discharge Requirements are being proposed for rescission at this meeting. (WLB)

5. **No Further Action for former UC Davis Pesticide Applicator Site, Yolo County**

The UC Pesticide Applicator facility received a No Further Action determination following the destruction of the remaining monitoring wells at the site. The release of pesticides to the groundwater was caused by a pesticide rinsate collection system that was removed in 1988. UC Davis implemented a soil removal action and remediated the groundwater pollution by installing and operating a groundwater extraction system for six years until water quality objectives were met. (AST)

6. **No Further Action for Martinez Lease Field, Tremont Road, Solano County**

In 1999, there was a catastrophic failure of an above - ground tank containing ammonium phosphate fertilizer at TSI, a fertilizer distribution facility,. The release discharged product (main constituent was nitrate) onto about 2-3 acres of the adjacent field (Martinez Lease Field). TSI has successfully remediated the soil using phytoremediation: after incorporating woody mulch in the soils, TSI planted and harvested a succession of salt-tolerant crops, removing excess nitrogen with each harvest. TSI has reduced nitrogen concentration in the spill zone below background conditions and no further action is required. (AST)

7. **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**

NONE

b. **REDDING OFFICE**

Butte County

- **Chuck Jones Flying Service, 216 Hamilton Road West, Biggs**
In June 1992, a 3,000 gallon underground storage tank (UST) was removed from the site. From 1992 to 2001, investigations that consisted of several borings and eight monitoring wells were installed to characterize the contamination. In 1994, the downgradient on-site domestic well was found to contain traces of petroleum hydrocarbons. The well was abandoned and replaced with a domestic water supply well approximately 500 feet upgradient of the UST release. In 2003, approximately 16,000 pounds of oxygen release compound (ORC) were injected in the subsurface to aid in remediation of the contamination. After eight months of monitoring, the ORC injection appeared to have a minimal effect on the contamination. In 2004, an oxygen sparge remediation system was installed using four injections wells. The system operated until contaminant concentrations were reduced to negligible levels. In July 2007, approximately 600 cubic yards of soil was excavated and treated on-site. During the last quarter of monitoring, no groundwater samples with petroleum hydrocarbons exceeding water quality objectives were detected. This site poses no threat to human health or water quality. A no further action letter was issued on 29 January 2009. (RDJ)

Lassen County

- **California Department of Forestry, 22 Foothill Road, NuBieber**
In 1998, the Discharger removed two USTs. On 1 October 1998, due to identified gasoline and diesel pollutants in excavation groundwater, Lassen County Department of Environmental Health transferred the case to the Regional Water Board. In 2001 the Discharger drilled several direct push borings, and in 2002 and 2003 installed eight follow-up monitoring wells. Current data show chronic, however dilute TPHg, BTEX, and fuel oxygenates. Pollutant migration is limited due to sorption onto low permeability soils, and migration along highly tortuous pathways in underlying shallow fractured basalt bedrock. The closest receptor well is about 2 miles downgradient. This site poses limited threats to water quality. On 17 March 2009, a no further action letter was issued. (EJR)

Shasta County

- **Shasta County E & J Automotive, 4309 Shasta Dam Boulevard, Shasta Lake**
The site is an active automotive repair station without fuel sales. In 1998, two gasoline and one diesel storage tank, product dispensers and associated piping, and one 500 gallon waste oil tank were removed from the subject facility. Approximately 100 cubic yards of soil were stockpiled and transported for offsite disposal. Additional soil and groundwater sampling was conducted, and no significant concentrations of petroleum constituents were detected in the soils outside the excavated area. TPH-g and minimal BTEX were detected in the groundwater within the property boundaries. No municipal supply wells are located within 2,000 feet from the site. No threat to human health or the water quality is present. A no further action letter was issued on 17 March 2009. (RF)
- **Jack's Market, 20749 Lakeshore Drive, Lakehead**
In 1999, the Discharger removed two USTs and excavated 350 tons of soil polluted with gasoline constituents. On 28 May 1999, due to observed impacts to groundwater, Shasta County Department of Resource Management referred the case to the Regional Water Board. On 15 August 2008, based on subsequent groundwater monitoring data, the Discharger requested no further action. While the site has an on-site private domestic well, staff had no objection to the request. Current data show little remaining BTEX above Method Report Limits, and limited, dilute, sporadic MtBE. Remaining TPHg is mostly sorbed onto low permeability soils and poses limited threats to water quality. On 17 March 2009, a no further action letter was issued. (EJR)
- **Pac West Helicopters, 16607 Clear Creek Road, Redding**
In March 2008, without Shasta County regulatory oversight, Pac West Helicopters removed a 1000 gallon gasoline underground storage tank and 9.18 tons of petroleum-contaminated soil to permitted off-site disposal facilities. In May 2008, the County required overexcavation and sampling of the former tank pit. Since petroleum constituents were not detected in the soil excavation, in June 2008 Shasta County closed the tank case. A subsequent Phase II investigation was performed to determine the

extent of petroleum pollution from alleged improper use of waste oil on unpaved property surfaces and obtain refinancing. Motor oil and diesel were detected up to 260 mg/kg and 96 mg/kg, respectively. Based on the file review, soil contamination is less than human health environmental screening levels. An unused on-site well was located and sampled for petroleum constituents. Water samples from the well did not detect petroleum. Since the property is served by a community water supply, Pac West Helicopters intends to destroy the well under Shasta County regulatory oversight when refinancing is obtained. The former underground storage tank and alleged improper use of waste oil do not threaten human health or water quality. On 16 January 2009, a no further action letter was issued. (KLC).

- **Tower Mart #150, 1975 Ponderosa Way, Anderson** – The site is an active gasoline and diesel service station. Four gasoline and diesel product dispensers and associated piping were removed from the subject facility on 11/12 August 1998. Approximately 29 cubic yards of soil were stockpiled and transported for disposal. Additional soil and groundwater sampling was completed but no significant concentrations of petroleum constituents were detected. A limited amount of degraded diesel contamination (2.43 lbs) remains in the site's clayey soils. However, groundwater at depth (>30ft) does not appear to have been impacted. No municipal supply wells are located within 2,000 feet from the site. No threat to human health or water quality is present at this time. A no further action letter was issued on 29 January 2009. (RF)

c. **SACRAMENTO OFFICE**

Calaveras County

- **Sierra Trading Post #11, 1075 Highway 4, Arnold** - In late 2003, contaminated soil was detected beneath the sites dispenser island during dispenser upgrade work. Results for the initial sampling indicated moderate petroleum hydrocarbon concentrations in soil and approximately 2.5 cubic yards of contaminated soil was removed and disposed of offsite. Initial soil boring work indicated moderate residual fuel oxygenate soil contamination and a groundwater grab sample indicated low to moderate concentrations of fuel oxygenates in groundwater. Four groundwater monitoring wells were subsequently installed in mid 2006 and fuel oxygenates MTBE, TAME and TBA were detected in the initial groundwater samples collected from well MW-2 at concentrations of 650 ug/L, 8.0 ug/L and 12 ug/L, respectively. Quarterly monitoring for five consecutive quarters indicated decreasing contaminant concentrations until non-detectable concentrations were reported in all wells in November 2007. The most recent results indicated only MTBE present in one well sample (MW-2) at a concentration of 4.5 ug/L, below secondary maximum contaminant levels. A soil vapor survey was performed to assess health risk posed by the residual soils. No significant soil vapor risk or dermal exposure risk was indicated. Initial contamination mass was estimated to be approximately 0.7 lbs. and approximately 96% of the mass was removed by the initial excavation and natural attenuation. Remaining contaminant mass was estimated to be 0.03 lbs. All wells were properly abandoned in December 2008. The site no longer poses a threat to human health and safety or to water quality. (GTM)

Colusa County

- **Former Mayfair Packing Co., 622 14th Street, Colusa** - A 550-gallon gasoline (reported to contain both leaded and unleaded) underground storage tank (UST) was removed on 8 October 1992. In December 1993, approximately 300 cubic yards of impacted soil was overexcavated, treated and spread on-site. From 1994 to December 2008 investigation and corrective action activities included several soil boring and monitoring well installations, applicable soil and groundwater sampling, and routine monitoring. Recent groundwater sampling shows soil removal and natural attenuation were successful in eliminating impacts for the former UST. Approximately 290 lbs of contaminants were removed during remedial efforts. No residual soil impacts were found during last boring event. All site monitoring wells

Glenn County

- **Glenn County Service Center, 821 E. South Street, Orland** - In December 1999 one 10,000-gallon gasoline UST was removed from the site. During removal operations a 1,000-gallon gasoline tank was discovered and also removed. Soil sampling during UST removal identified petroleum hydrocarbon impacts. From 1999 through 2005, several investigations and monitoring events were conducted. Other than UST removal, soil aeration (then used as backfill), monitored natural attenuation sole remedial alternative. No residual soil presents a threat via dermal contact or vapor migration and water quality objectives have been met. Monitoring wells were abandoned in November 2008. This site does not pose a threat to human health and safety or to water quality. (JIM)

San Joaquin County

- **Lucy Thater Property, 336 East Locust Street, Lodi** – The property was used by a small moving van company which operated a business on a residential lot in Lodi. During the removal of two USTs in October 1985, the San Joaquin County Environmental Health Department (SJCEHD) observed evidence of a petroleum hydrocarbons release to soil beneath the gasoline UST, which soil sample results and one round of groundwater monitoring of well MW-1 confirmed. Although SJCEHD tried to work with the business to investigate the release, no additional work occurred due to a bankruptcy. In July 2003, the SJCEHD referred the case to the Regional Board for recalcitrance. Subsequent staff letters went unanswered and phone calls were not returned until March 2005, when a new property owner contacted staff concerning their inability to get a building permit for construction of a residence. Staff worked to coordinate the USTs investigation and a limited soil/groundwater remediation with the City building requirements. A residence was built in 2008. Case closure was granted 20 March 2009 after remediation restored beneficial use of the aquifer, public participation was completed without comments, and all wells were properly decommissioned. (JLB)
- **Volpi Farm Property, 14210 West State Route Four, Stockton** In 1998 and 1999, the responsible party (RP) excavated about 300 cubic yards of contaminated soil from the Site and installed seven groundwater monitoring wells. The RP sampled the monitoring wells sporadically from 2000 to 2005. The fate and transport analysis showed that concentrations in monitoring wells would not reach the onsite domestic well and would be below detection limits in one to two years. The remaining levels of petroleum constituents do not pose a threat to human health or water quality. The site was given a no further action determination. (KAS)

Local Agency UST Closures with Concurrence of Board Staff Review

Madera County

- Eastin Arcola School, 29551 Avenue 8, Madera
- Frank Logoluso, 28569 Avenue 12 ½, Madera
- Madera Irrigation District, 12152 Road 28 ¼, Madera

Sacramento County

- ConocoPhillips Station #2611170, 1024 East Bidwell Street, Folsom
- Former Campus Oaks Car Wash, 2334 Fair Oaks Boulevard, Sacramento

San Joaquin County

- City of Manteca Corporation Yard, 210 East Whetmore Avenue, Manteca
- Enterprise Investments, 355 Enterprise Place, Tracy
- Tracy Airport, 29633 Tracy Boulevard, Tracy

Solano County

- Asta Construction, 1090 St. Francis Way. Rio Vista

Stanislaus County

- Circle J Store #3620, 1405 Golden State Boulevard, Modesto
- Kwik Serv, 901 Paradise Road, Modesto
- Shell Service Station, 1606 Risk Avenue, Modesto

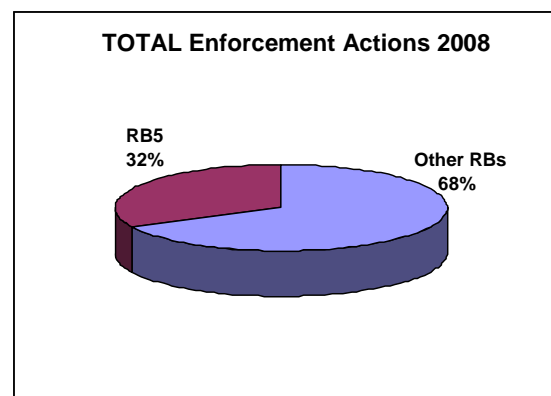
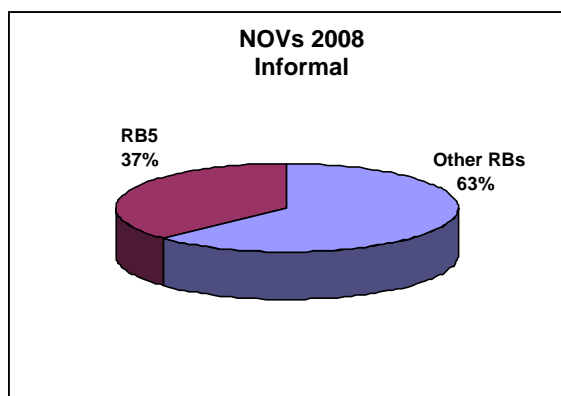
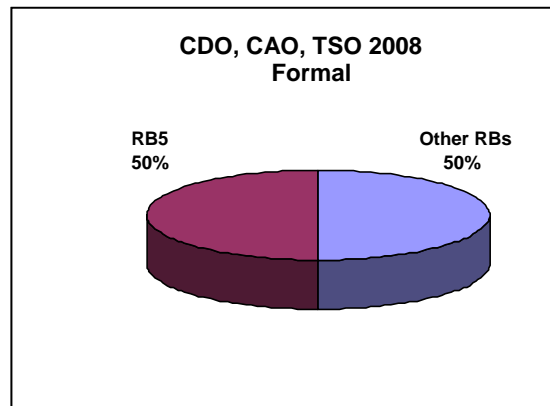
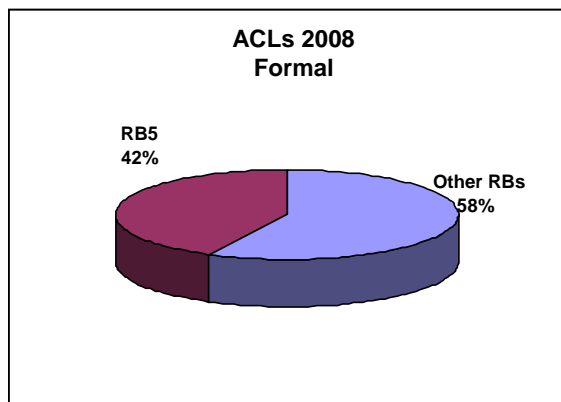
8. Enforcement Update

As we stated in the previous EO report, last calendar year was a banner year for enforcement in our Region. With the reorganization in the Sacramento and Fresno offices, the Water Board has increased its actions and focus on compliance and enforcement. Although some of the fourth quarter compliance and enforcement data is still in review and processing, during 2008, the Water Board:

- Issued more than 1,300 informal enforcement actions including Notices of Violations, staff enforcement letters, including oral and electronic communications.
- Over 600 formal enforcement actions
- 106 Administrative Civil Liability complaints and orders, rotating over \$18.6 million
- Eliminated the backlog of MMPs accumulated since 2000.
- Contributed substantially to meeting the goal to reduce the backlog of statewide facilities subject to mandatory minimum penalties as outlined in the State Water Board's Strategic Plan.

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.

Based on the data logged in CIWQS, mostly tracking core regulatory programs information, Central Valley Regional Water Board contributes significantly to the statewide effort of assuring compliance with the water quality laws, regulations and policies, and contributes extensively to the statewide enforcement activities as depicted in the following graphs for the calendar year 2008.



It is significant to note that the Central Valley Regional Water Board contributed nearly half of the total number of formal enforcement orders issued statewide and nearly a third of informal enforcement actions.

Overall, Central Valley Regional Water Board contributed with a third of all statewide enforcement actions.

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.

Recently, the State Water Resources Control Board issued a summary enforcement report for 2008 as mandated by section 13385 of the Water Code [\[http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/13385o_2008.pdf\]](http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/13385o_2008.pdf) Although the report covers activities performed under only one of the core regulatory programs, NPDES, it demonstrates the level of effort and results achieved.

In addition, we post a quarterly report on our website outlining the enforcement activities for the core regulatory programs, NPDES, Subchapter 15, Non Chapter 15, Storm Water, and Water Quality Certification [\[http://www.waterboards.ca.gov/centralvalley/water_issues/enforcement/13225_rpt_2008.pdf\]](http://www.waterboards.ca.gov/centralvalley/water_issues/enforcement/13225_rpt_2008.pdf)

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

ENFORCEMENT

1. **ACL Complaint Issued to the City of Redding, Shasta County**

On 17 March 2009, the Redding Office AEO issued an Administrative Civil Liability Complaint to the City of Redding in the amount of \$82,500, for two raw sewage spills that occurred on 15 October 2007 and 22 October 2007 at the Jenny Creek Elevated Sanitary Trunk Sewer. The combined volume of the spills is estimated to range from 20,000 to 66,000 gallons. The 15 October 2007 spill resulted from the collapse of a 30-foot section of elevated trunk sewer, and the 22 October 2007 spill was the result of a leak in a smaller sewer line above the 15 October 2007 spill. The spills were not amendable to clean-up and the sewage entered Jenny Creek, a direct tributary to the Sacramento River. Sampling indicated that beneficial uses may have been affected, and downstream drinking water intakes were taken offline as a precaution. (SSG)

2. **ACL Complaint Issued to the City of Chico, Chico Water Pollution Control Plant, Butte County**

On 17 March 2009, the Redding AEO issued an Administrative Civil Liability Complaint in the amount of \$153,000 to the City of Chico for violations of Waste Discharge Requirements (WDRs) Order R5-2004-0073, which was issued by the Central Valley Water Board on 4 June 2004. The violations are associated with two discharges of partially-treated sewage that occurred in May and June of 2008. Approximately 4.7 million gallons of secondary treated effluent that did not receive any disinfection was discharged to the Sacramento River between 16 and 17 May 2008. Again on 15 June 2008, approximately 113,000 gallons of secondary treated effluent that did not receive any disinfection was discharged to the Sacramento River. (GDC)

3. **525 Galveston Street, West Sacramento**

On 5 March 2009 an Order pursuant to Section 13267 of the California Water Code was issued to Glenn Bozaich and Mark Bozaich of Sacramento Auto Truck Company, the responsible parties for the subject site, for their repeated failure to submit technical reports as requested by Regional Water Board staff. The requested past due reports and work plan were to document results of previous work and a proposal to complete site characterization of the lateral and vertical extent of petroleum hydrocarbons, and determine the threat to waters of the state. (DFS)

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

On 22 January 2009, an Order under Section 13267 of the California Water Code was issued to Chris & Ken Enterprises, Inc., operator, Cedar & Ness, LP, property owner, and Angelillo Partners, former property owner, responsible parties for the subject site. Crown Cleaners is an active dry cleaning facility and tetrachloroethene has been detected in soil gas beneath the site. The order was issued to obtain a work plan to investigate releases of dry cleaning solvents to soil and/or groundwater. (JA)

5. **Unauthorized Discharge, East Bay Municipal Utility District, Sacramento County**

On 16 February 2009, East Bay Municipal Utility District (Discharger) reported an unauthorized discharge of groundwater from a dewatering project to Goose Creek. The Discharger stated that the spill was estimated at approximately 25,500 gallons. The spill happened when groundwater was pumped onto a designated discharge area then flowed into a drainage ditch and then to Goose Creek. The spill to the creek was stopped after the Discharger's contractor shut off the dewatering well pumps and constructed an earthen dyke. The Discharger stated that prior to any further discharges to the designated land application area, that their contractor would be required to submit written plans as to the volume of the discharge, the location of the discharge hoses, and the method for preventing any discharges to surface waters. Staff is evaluating appropriate enforcement action. (GJC)

6. **Recycled Water Spill, El Dorado Irrigation District, El Dorado County**

On 17 March 2009, El Dorado Irrigation District (Discharger) reported a spill of 304,000 gallons of recycled water. The spill occurred when a buried distribution pipe broke. Most of the spill remained underground, and the rest flowed to a seasonal drainage channel. The Discharger detected the spill when monitoring sensed an abnormally high flow rate. The Discharger arrived

at the spill location and shut off flow in the pipe for repairs. Staff is evaluating appropriate enforcement actions pending receipt of monitoring results. (SMJ)

7. Former Brick-lined Disposal Pits, Hanford, Kings County

On 17 March 2009, an Order under Section 13267 of the California Water Code was issued to Sanchez Brothers Farming, Inc., property owner; The Valero Companies, waste generator; and the Kings Waste and Recycling Authority, operator; responsible parties for the subject site. Brick-lined disposal pits were operated on the subject site that degraded soils and possibly groundwater with petroleum hydrocarbons. The order was issued to obtain a work plan to investigate releases to soil and/or groundwater of petroleum hydrocarbons. (CLM)

8. Administrative Civil Liability Complaint, The Oaks Community Association, Amador County

On 16 March 2009, the Executive Officer issued Administrative Civil Liability (ACL) Complaint No.R5 2009 0521 for \$24,750 to The Oaks Community Association (The Oaks). The ACL Complaint was issued for discharging up to 125,000 gallons of raw sewage to an area outside the permitted treatment and disposal area from 24 December 2008 through 29 December 2008 and for failing to provide complete and timely reports regarding the spill. (MRH)

9. Status Update, Bonzi Sanitation Landfill, Stanislaus County

At its last meeting, the Board adopted Order R5-2009-0001 which required Bonzi to submit a plan to provide replacement water to any users of downgradient water supply wells that show impacts from the landfill. The Discharger submitted its plan in early March. Staff reviewed the plan and asked for minor modifications. Staff has also completed the review of the 2008 Annual Groundwater Monitoring Report, which was submitted after the last Board meeting. This report is incomplete and will require revision to comply with the landfill's Waste Discharge Requirements. A revised work plan to better define the extent of contaminants in groundwater was submitted in late March and is currently under review. (HFH)

10. Administrative Civil Liability Complaints/Orders issued for Mandatory Minimum Penalties.

Since the last Executive Officer's Report was prepared, the following Administrative Civil Liability Complaints (ACLs) and Administrative Civil Liability Orders (ACLOs) for Mandatory Minimum Penalties (MMPs) were issued pursuant to California Water Code section 13385:

- a) **ACL R5-2009-0513 issued to the University of California, Davis, Yolo County.**
The MMPs were in the amount of \$27,000 for violations of effluent limitations for electrical conductivity that occurred at the facility from 1 April 2008 through 31 December 2008.
- b) **ACL R5-2009-0514 issued to the Placer County Facility Services Department, Placer County Sewer Maintenance District No. 3, Placer County.**
The MMPs were in the amount of \$57,000 for violations of effluent limitations for ammonia, manganese, and pH that occurred at the facility from 1 January 2008 through 31 December 2008.
- c) **ACL R5-2009-0515 issued to the Linda County Water District, Yuba County.**
The MMPs were in the amount of \$18,000 for violations of effluent limitations for BOD, chlorine residual, and dibenzo(a,h)anthracene that occurred at the facility from 1 May 2008 through 31 December 2008.
- d) **ACL R5-2009-0516 issued to the Mt. House Community Services District, San Joaquin County.**
The MMPs were in the amount of \$30,000 for violations of effluent limitations for bromodichloromethane and dibromochloromethane from 1 February 2008 through 31 December 2008.
- e) **ACL R5-2009-0517 issued to the Tsar Nicoulai Caviar, LLC., Sacramento County.**
The MMPs were in the amount of \$3,000 for violations of effluent limitations for iron that occurred at the facility from 1 January 2008 through 31 December 2008.

- f) **ACLC R5-2009-0518 issued to California Department of Corrections, Deuel Vocational Institution, San Joaquin County.**
The MMPs were in the amount of \$12,000 for violations of effluent limitations for dissolved solids and tetrachloroethene that occurred at the facility from 1 June 2008 through 31 December 2008.
- g) **ACLC R5-2009-0520 issued to the City of Tracy, San Joaquin County.**
The MMPs were in the amount of \$78,000 for violations of effluent limitations for chlorodibromomethane, dichlorobromomethane, total chlorine residual, and aluminum, that occurred at the facility from 1 February 2008 through 31 December 2008.
- h) **ACLC R5-2009-0526 issued to the City of Stockton, San Joaquin County.**
The MMPs were in the amount of \$60,000 for violations of effluent limitations for ammonia, cBOD, cyanide, dibromochloromethane, oil and grease, and total coliform organisms at the facility from 1 January 2000 through 31 December 2008.
- i) **ACLC R5-2009-0525 issued to the Town of Discovery Bay and Southwest Water Co., Contra Costa County.**
The MMPs were in the amount of \$54,000 for violations of effluent limitations for total coliform and total suspended solids at the facility from 1 January 2008 through 31 December 2008.
- j) **ACLO R5-2009-0524 issued to the San Andreas Sanitary District, Calaveras County.**
The MMPs were in the amount of \$48,000 for violations of effluent limitations for biochemical oxygen demand, chlorine residual, pH, total suspended solids, settleable solids, and total coliform organisms at the facility from 1 January 2000 through 31 December 2008. The San Andreas Sanitary District Wastewater Treatment Plant is a publicly owned wastewater treatment plant with a financial hardship. Therefore, CWC section 13385(k) provides that money expended for design and construction of treatment plant upgrades to correct violations of effluent limitations may be paid in lieu of MMPs for these facilities. The San Andreas Sanitary District has proposed to spend over \$11 million for a new wastewater treatment plant, which has been designed to meet permitted effluent limitations. The Order allows the penalty to be applied to the plant upgrades, and requires full compliance with effluent limitations by 1 April 2011.

DELTA ACTIVITIES

1. **Bay-Delta Strategic Workplan Update**

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

2. **Delta Regional Monitoring Program**

On 20 November 2008, the project planning team held a Governance Working Group Meeting. The purpose of this meeting was to obtain stakeholder input concerning governance structure options for the initial phase of the Delta RMP, which focuses on ensuring that available water quality data are regularly compiled, assessed, and reported to the public. The meeting participants felt their input would be better informed once two products were available for review: 1) the UC Davis report synthesizing available data on contaminants in the Delta and 2) the RMP planning team's report summarizing the existing monitoring in the Delta. Both reports are slated for public distribution in spring 2009, at which time a stakeholder meeting will be scheduled to further discuss governance structure options and initiate discussion of the monitoring questions and indicators. In the interim, the planning team has developed a straw proposal describing the proposed stakeholder process and distributed it to the public. Staff began a series of individual stakeholder interviews to ensure their continued engagement in the process. Interviews have been conducted with representatives from the following organizations/programs: Central Valley Clean Water Association, Department of Water Resources' Municipal Water Quality Investigations section, Interagency Ecological Program, California Water Quality Monitoring Council, Sacramento River Coordinated Monitoring Program (IEP), and Sacramento River Watershed Program. (ASB))

3. **Delta Island Monitoring**

The Bay-Delta Strategic Workplan identified the need to characterize discharges from Delta islands. In 2007 UC Berkeley researchers initiated a study to assess the sources (including wastewater, urban runoff, and agricultural discharges from Delta islands), seasonality, and toxicity of pyrethroid pesticides in the Delta, which will be completed in spring 2009. UC Davis researchers reviewed preliminary data from this study to develop a monitoring plan to more fully characterize Delta island discharges and evaluate their potential impacts on beneficial uses in the Delta. The draft monitoring plan will be distributed to stakeholders for review and comment. Staff also will hold meetings with Delta stakeholders to coordinate access to monitoring sites. Monitoring is slated to begin late spring 2009. (SF)

4. **Ammonia**

The CALFED Science Program hosted a workshop to promote open discussion of data gaps and develop a research framework to determine the role of ammonia within the Sacramento-San Joaquin Delta and Suisun Bay ecosystem. A panel of outside experts prepared a draft framework, which was distributed for public review on 25 March 2009. The panel will review the comments, revise the framework, and submit the finalized framework in April 2009. Regional Board staff served on the planning committee and participated in the workshop. The planning committee will use the research framework to develop a local perspective data and science gap and analysis (Analysis). The Analysis will be presented to the Interagency Ecological Program (IEP) Contaminants Work Team for tracking and implementation.

Studies of the potential impacts of ammonia on Delta species (delta smelt and diatoms) are ongoing. UC Davis researchers submitted their draft report summarizing results from their studies of the effects of ammonia on Delta smelt. The IEP Contaminants Work Team, Regional Water Board staff, and Sacramento Regional County Sanitation District staff reviewed the draft and provided comments. A final report will be made publicly available in April 2009. One of the experiments in this study failed to meet test acceptability criteria and will be repeated in early summer 2009. Due to unexpected results from the first round of studies to determine the effects of ammonia on diatoms (algae) in the freshwater portion of the Delta, San Francisco State researchers are performing additional studies to further characterize nutrients and chlorophyll concentrations in the lower Sacramento River. These studies are slated to be complete by June 2009. Simultaneous to these studies, UC Davis researchers are conducting a search of the

literature related to ammonia and analyses of readily available ammonia data across the estuary, which will be compiled into a report by April 2009. The results of these and other relevant studies, literature searches, and data analyses will be the subject of a public workshop in summer 2009. (sf)

SITE CLEANUP

1. **Public Meeting Planned for April 29, 2009, Former BAC Facility, Merced County.** Regional Board staff has made arrangements to hold a public meeting on April 29, 2009, from 7 to 9 pm at the Joe Stefani Elementary School, located in the Beachwood neighborhood near the former BAC Facility in Merced. The intent of the meeting is to present the latest data and the progress on the cleanup to the public and interested parties as well as to receive comments and questions regarding the site. Regional Board staff will present a general status of site cleanup, recent public water supply data and site storm water data. Arcadis, Inc., the consulting firm currently working on the remediation of the site for the Responsible Party, will present the progress of the site cleanup, particularly focusing on the effectiveness of the in-situ remediation of the groundwater by injection of alcohol to immobilize the chromium pollution. (DAA)

SANITARY SEWER OVERFLOWS

1. **Sanitary Sewer Overflows, City of Redding, Shasta County**

On 16 March 2009, the City of Redding experienced a significant rain event that resulted in 4 inches of rainfall in less than a 4-hour time period. Rainfall intensity reached a peak of nearly 2 inches per hour during this period. The rainfall was localized to the west side of Redding, and is estimated as a 100-year, 6-hour rainfall event. The rainfall overwhelmed the City's storm drain system and caused widespread flooding on the west side of Redding. The resulting inflow and infiltration (I&I) in the sanitary sewer collection system caused four Category 1 sanitary sewer overflows (SSOs). Two of the SSOs were from manholes with estimated spill volumes of 25,500 gallons and 51,000 gallons, respectively, and were not amendable to clean-up. The other two Category 1 SSOs occurred at two of the City's sewer lift stations, and were contained in adjacent emergency storage ponds with 100% recovery back to the sewer system. (SSG)

2. **Sanitary Sewer Overflow, Grizzly Lake Resort Improvement District, Plumas County**

On 14 February 2009, Grizzly Lake Resort Improvement District reported a spill of approximately 540 gallons of raw sewage into Humbug Creek that started on 13 February 2009 and ended 14 February 2009. The spill occurred from a manhole adjacent to Humbug Creek. Staff is evaluating appropriate enforcement actions. (JMM)

3. **Raw Sewage Spill, Butte Glenn Community College, Butte County**

The Butte Glenn Community College reported raw sewage overflows that occurred on the 2nd and 3rd of February 2009. Approximately 4,500 gallons of raw sewage spilled from a manhole and into an old wastewater pond situated in a fork of Clear Creek; all the wastewater was contained in the pond. (JMM)

4. **Raw Sewage and Treated Wastewater Spills, Lake Berryessa Resort Improvement District, Napa County**

On 17 February 2009, Lake Berryessa Resort Improvement District (Discharger) reported a raw sewage spill estimated at approximately 20,000 gallons. The Discharger stated that the spill resulted from excessive infiltration and inflow from a rainstorm that occurred over a four-day period beginning on 13 February 2009. The inability of the effluent pump to keep up with the increased flow rate caused the main sewer collection tank to spill into the overflow tank and then onto the ground and eventually into Putah Creek. The spill was stopped after the Discharger rented a portable diesel pump and connected it to the collection system. The Discharger indicated that the will pump remain onsite during the rainy season to ensure that this type of spill does not occur again.

On 26 February 2009, the Discharger reported a spill of wastewater that took place for an eight day period and totaled approximately 1.63 million gallons. The Discharger indicated that the treated wastewater under went a dechlorination process prior to being discharged. In addition, the Discharger indicated that a portion of the discharge was occurring through the sprayfields with any runoff entering an unnamed creek, then to Stone Coral Creek and ultimately to Putah Creek. The other portion of the discharge was directly from the chlorine contact basin and into a drainage swale and then eventually to Putah Creek. The Discharger indicated that the controlled discharge was necessary because of excessive inflow and infiltration from recent storms and to avoid a possible overflow or a breach of a pond berm. The Discharger also indicated that a hauling program was conducted over a seven day period prior to the discharge, however because of the overwhelming infiltration and inflow rates it was not feasible to keep up with the flows. Staff is evaluating appropriate enforcement actions. (GJC)

5. **Raw Sewage Spill, Penn Valley Mobile Home Village, Nevada County**

On 17 February 2009, Penn Valley Mobile Home Village (Discharger) reported a raw sewage spill estimated at approximately 1,000 gallons that occurred from a sewer line cleanout. The Discharger states that some of the spill may have entered Squirrel Creek. The affected section of sewer line has since been replaced. (GJC)

6. **Sewage Spill, Camino Heights Wastewater Treatment Plant, El Dorado County**
On 23 February 2009, El Dorado Irrigation District (EID) submitted a report for a spill of approximately 705 gallons of chlorinated effluent to a seasonal stream. The spill occurred as a result of a pipe failure at the effluent pump house. Upon identifying the spill the Discharger immediately ceased the discharge. No fish kills were observed. Staff is evaluating appropriate enforcement actions. (BPK)

7. **Sewage Spill, City of Lathrop MBR Wastewater Treatment Plant, San Joaquin County**
On 15 February 2009, staff from the City of Lathrop responded to a sanitary sewer overflow. The overflow occurred because of a blockage caused by a piece of lumber in the collection system. An estimated 1,480 gallons of wastewater from the blockage entered a nearby storm drain that ultimately discharges to the San Joaquin River. Because of heavy rains at the time of the discharge no disinfection of the spill area was performed. Staff is evaluating appropriate enforcement actions. (BPK)

SURFACE WATER PROGRAMS

- 1. Rainfall Sampling and Metals Analysis, Mt Shasta and Redding**

In response to public enquiries and concern regarding perceived aluminum pollution in rainwater, Redding office staff and US Forest Service staff will collect rainfall samples near Mt. Shasta and Redding for metals analysis. Staff has also received reports of high aluminum levels in samples collected by the public and analyzed at a certified lab. We have received inquiries from the local media. The city manager of Mt Shasta has requested we investigate the matter. To respond to this request and others, Redding staff is working with US Forest Service staff to collect and analyze a small number of samples this spring. (GFC)
- 2. EPA Monitors Fate and Transport of Heavy Metals From Iron Mountain Mine and Prepares For Dredging Metals Contaminated Sediment From Keswick Reservoir, Shasta County**

U.S. EPA and the Bureau of Reclamation recently conducted an extensive monitoring event to gather information on the transport and fate of metals entering Keswick Reservoir from the Iron Mountain Mine Superfund site (IMM) during high flow storm-events. This information, along with recent data reflecting the reduction in metals from IMM as a result of remedial activities, is being used to develop a revised model for the transport of metals from IMM through Keswick Reservoir and into the Sacramento River. The model will be useful in preparation of the final remedy at IMM, and in revising the 1980 MOU between the State Board, Fish and Game, and the Bureau of Reclamation which provides operational criteria for Shasta Dam, Keswick Dam, and Spring Creek Debris Dam to mitigate metals discharged from IMM.
- 3. EPA is also beginning site preparation for a disposal cell to hold dredge spoils from Keswick Reservoir.**

The spoils contain high concentrations of metals discharged from IMM that have precipitated in the Spring Creek Arm of Keswick Reservoir. Current activities include construction of an access road for equipment and a pipeline to the spoils disposal area behind Spring Creek Debris Dam, and clearing of the disposal cell. Providing adequate funding can be obtained, which may include aid from the Federal stimulus package, the project should begin in the fall when flows in the Sacramento River are at a minimum. Staff has been working with EPA to develop safeguards, including a comprehensive monitoring system with remote sensing and telemetry capabilities, to assure re-suspended sediment does not leave the project site and impact downstream beneficial uses of the Sacramento River, including municipal water intakes and salmon habitat. (PVW)
- 4. Coordinated Monitoring Effort in the Upper Sacramento Watershed**

The Central Valley Water Board Surface Water Ambient Monitoring Program (SWAMP) and Department of Water Resources (DWR) Northern District have initiated a coordinated monitoring effort in the northern portion of the Sacramento River Watershed (north of Verona). The Water Board is leveraging SWAMP funding to maintain and expand DWR trend monitoring that had been threatened with severe budget cuts. The coordinated effort will not only allow seasonal monitoring to continue at 41 sites along the Sacramento River main-stem and at the lower end of tributary streams, but will also allow the addition of key constituents of interest (water column toxicity, total organic carbon, nutrients, and E. coli). Eleven of the coordinated sites have also been slightly relocated to allow incorporation with the statewide SWAMP study to monitor contaminant trends in sediment. Overall water quality assessments will benefit from the added value of both monitoring programs.

The first sample collection run for the coordinated effort was successfully completed on February 23-25, 2009. Samples were collected to analyze for over 20 parameters at each site. The next sample run is scheduled for May 4-6, 2009. More information is available on the Central Valley Water Board website at:
http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/uppersac_swamp.shtml (ARW)
- 5. Web-Based Monitoring Directory Available for the Central Valley**

In 2007, US EPA began a pilot study within the San Joaquin River Basin to determine the effectiveness of a real-time web-based monitoring directory to aid coordination between multiple surface water monitoring efforts. A fully functioning directory would be able to provide maps and

tables of sampling points that could be accessed by watershed, agency, program and/or constituent. When federal funding was redirected, the Central Valley Regional Board's Surface Water Ambient Monitoring Program (SWAMP) continued support for the effort. SWAMP expanded the scope of the directory to include the entire Central Valley (Sacramento River, San Joaquin River, and Tulare Lake Basins as well as the Sacramento-San Joaquin Delta) and began beta-testing the tool by loading information for internal monitoring efforts—to date SWAMP, Grassland Bypass Program, Irrigated Lands Regulatory Program, and NPDES receiving water requirements. To facilitate preparation of a report summarizing existing water quality monitoring in the Delta (as part of the Delta Regional Monitoring Program planning effort), beta testing expanded to include entry of program information for all current long-term water quality monitoring activities occurring within the boundaries of the Delta. Test data will be removed from the directory during April so that the tool may be rolled out for use by Region 5 staff—both to verify and to build upon the existing content. Stakeholder meetings to demonstrate the directory and encourage use by outside agencies are anticipated after April. The web-based tool, currently housed at the San Francisco Estuary Institute (SFEI) will allow remote updates by monitoring program managers to insure that content remains current. The Beta Version of the Central Valley Monitoring Directory is located at: www.centralvalleymonitoring.org (JEC)

6. **Central Valley Regional Board SWAMP Website Updated**

The Central Valley Regional Board SWAMP website has recently been updated to facilitate access to water quality information. Tables containing water quality data collected in the San Joaquin Basin as part of the Grassland Bypass Project as well as SWAMP are now current through December 2008. In addition, the update streamlines access to the electronic version of over 30 SWAMP supported assessment reports. The site will continue to be updated based on user input. (TJK)

SALINITY AND CENTRAL VALLEY SALINITY ALTERNATIVES FOR LONG-TERM SUSTAINABILITY (CV-SALTS)

CV SALTS

1. March 18th Committee Meetings

The major committees of CV-SALTS met on March 18th 2009. The following are some of the highlights of those meetings:

- The Executive Committee approved new committee chairs as proposed by the Nominations Committee.
- A joint meeting of the Technical Advisory and Economic Committees heard a presentation by UCD Professor Richard Howitt on the changes made to the final Economic Impact of Central Valley Salinity report, and provided feedback on the cost and schedule elements of a work plan being prepared for the CV-SALTS effort.
- The Public Education and Outreach Committee continued work on developing messages for specific stakeholder groups to help encourage participation in the CV-SALTS effort, and provided final comments and approval for several documents to help spread the word about salinity. (JRM)

2. Salt and Nutrient Sources Pilot Study Request for Proposals Released

On March 20, 2009, the Central Valley Salinity Coalition released a Request for Proposals to develop a work plan and conduct a salt and nutrient sources pilot study for the Central Valley. The scope-of-work for this effort was developed by the CV-SALTS Technical Advisory and Economic Committees. The purpose of the study is to prepare and document a procedure to quantify fairly and equitably the salt and nutrient sources in the Central Valley, and then pilot the procedure in several areas to validate its appropriateness and region-wide applicability. (JRM)

3. Cleanup and Abatement Account Funds

On 17 March the State Water Board adopted a resolution allocating \$1.2 million from the Cleanup and Abatement Account to the Central Valley Water Board in support of the development of a salinity and nutrient management plan for the Central Valley. This funding will be used to support a Salinity and Nitrate Objective and Beneficial Use Study Project, which will establish a model using existing, reliable, and usable data from areas and water bodies within the Central Valley. This model will then be used to establish beneficial uses and objectives for areas where little or no data exists. (RJS)

DAIRY PROGRAM

1. Dairy Enforcement Activities

On 11 February 2009, the Merced County District Attorney's Office reached a settlement agreement with Veldhuis North Dairy after an open pipe allowed dairy wastewater to leave a field and enter Mustang Creek, which empties into the Merced River via the Highline Canal. Under the terms of the Stipulated Judgment, entered in Merced County Superior Court, Veldhuis North Dairy has agreed to pay \$18,000 in penalties and costs, with an additional \$15,000 stayed for a period of three years on the condition that no violations occur pursuant to this agreement. Of the \$18,000, \$3,900 was paid to the State Water Resources Control Board Cleanup and Abatement account as partial cost recovery.

On 17 March 2009, the San Joaquin County District Attorney's Office reached a settlement agreement with Vander Werff-Rigg Dairy after missing valves allowed dairy wastewater to leave a field and enter Lone Tree Creek. Lone Tree Creek is a 303(d) listed tributary to the San Joaquin River. Under the terms of the Stipulated Judgment, entered in San Joaquin County Superior Court, Vander Werff-Rigg Dairy has agreed to pay \$11,754 in penalties and costs and make \$24,473 worth of improvements at the dairy. An additional \$12,500 in penalties is stayed for a period of three years on the condition that no violations occur pursuant to this agreement. Of the \$11,754, \$2,200 was paid to the State Water Resources Control Board as partial cost recovery.

On 12 March 2009, Administrative Civil Liability Orders were signed by the Executive Officer for the Frank Melo Dairy, Nick Beglinger Dairy, and Silveira Jersteins Dairy, all in Glenn County, for off-property discharges of dairy wastewater. The original amounts of the Administrative Civil Liability Complaints issued in 2008 were modified in the Orders, in response to information received from the dischargers. The final amounts of the Orders were, for the Frank Melo Dairy, \$3,000 in penalties and \$5,000 in improvements to the waste management systems at the dairy; for Silveira Jersteins Dairy, \$3,000 in penalties and \$2,000 in improvements; and for Nick Beglinger Dairy, \$1,500 in penalties. (CMH)

2. Dairy General Order Implementation

Letters have been sent to owners and operators of dairies that failed to file paperwork that was due to the Regional Board on 31 December 2008. Sacramento Office staff has nearly completed sending out deficiency letters to owners and operators of dairies that submitted incomplete annual reports in July 2008, and much of the missing information has been received. Based on this new information, an additional round of letters has been sent to the owners and operators of dairies that provided data indicating that they had at least one domestic well containing nitrate-nitrogen at or above the Maximum Contaminant Level of 10 mg/l. Staff is attending the Spring workshops conducted by the California Dairy Quality Assurance Program to assist dairy owners and operators to prepare information that must be submitted to Regional Board staff by 1 July 2009. (CMH)

3. Crop Safety Technical Advisory Committee

A meeting of the technical advisory committee (TAC) was held on 17 February 2009 via telephone conferencing. The TAC is working to identify which practices best protect various commodities from potential contamination and then educating dischargers on how to minimize risk. Topics discussed during the meeting included: cross connection issues associated with irrigation systems that transport manured wastewater, coordination with State Water Resource Control Board to address manure composting, and the introduction of the work of the TAC to various commodity groups. 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, California Integrated Waste Management Board, and State Water Resources Control Board. (SJK)

LAND DISCHARGE AND DISPOSAL

1. **Request from Senator Aanestad's Office Regarding Land Application of Septage in Glenn County**

On 26 March 2009, Regional Water Board staff had a request from Senator Aanestad's office regarding an inquiry into a septage disposal site in Artois, Glenn County. Board staff met with a Discharger on 18 March 2009 to discuss the requirements they would have to meet to continue to operate their septage land disposal facility. The Discharger contacted the Senator's office and requested they investigate the request by the Regional Water Board. Board staff has drafted a response to the Senator's office, clarifying the requirements (regulations) that require the site to be permitted under Waste Discharge Requirements in order to continue operations. Pertinent sections of the California Water Code were provided to the Senator's office to clarify the Regional Water Boards request. (GDC)

NPDES DISCHARGERS

- 1. NPDES Renewal, Pactiv Corporation (Pulp Mill), Red Bluff, Tehama County**
Regional Board staff is working with Pactiv Corporation to renew Pactiv's NPDES permit. Pactiv manufactures paper plates and discharges treated process water to the Sacramento River. The United States Bureau of Reclamation (USBR) and Tehama Colusa Canal Authority (TCCA) have proposed a diversion project in Red Bluff to modify the existing diversion dam and construct a new Tehama-Colusa Canal water intake/pumping structure. The proposed project is intended to mitigate the impact of the existing diversion structure on passage of salmon and sturgeon. The proposed USBR/TCCA intake structure and forebay will impact Pactiv's Class III landfill and their effluent conveyance line and discharge point. Staff is working with Pactiv to develop a permit that provides flexibility once construction on the diversion project begins. (GCS)
- 2. Meeting with City of Biggs to discuss possible upgrades to WWTP, Biggs, Butte County**
On 17 March 2009, Regional Water Board staff met with the City of Biggs to discuss possible upgrades to the Biggs WWTP to comply with effluent limitations in their NPDES permit. The NPDES permit requires the Biggs WWTP to meet final ammonia effluent limitations, which the existing permitted facility cannot meet. The City has initiated a facilities upgrade plan with four possible alternatives which include processing the wastewater through an oxidation ditch, biolac system, membrane bioreactor or a package plant. The City is looking to upgrade to a WWTP that will treat to the effluent limitations in their NPDES permit, as well as being able to meet future new requirements, such as emerging chemicals of concern such as pharmaceuticals and personal care products. Long-term alternatives are also being examined including regionalization with their neighboring cities (Gridley and Richvale) (GDC)

GRANTS

1. **Suspension of General Obligation Bond Grant Commitments and Payments**
On December 18, 2008, the Department of Finance issued Budget Letter 08-33 directing all agencies to immediately cease authorizing grants, suspend all projects, and freeze all payments on bond-funded projects. The suspension is still in place. Staff continues to follow normal review and approval processes for grant invoices. This will allow the Division of Financial Assistance to review and prepare invoices for payment once the suspension has been lifted. (PDB)
2. **CALFED Watershed Grant Program Solicitation to Implement Watershed Plans**
Final project list was selected and includes two projects within Region 5. Funding was awarded to Solano County Water Agency for Lower Putah Creek Watershed Plan Priority Projects for \$1.9 million and Plumas Corporation for the Red Clover Poco Restoration Project for \$1.5 million. Due to the Suspension of General Obligation Bonds grant agreements cannot be executed until the suspension is lifted. (PDB)
3. **319(h) Nonpoint Source (NPS) Implementation Grant Program**
Approximately \$4.5 million is available for this Solicitation, with a minimum grant amount of \$250,000 and a maximum grant amount of \$1,000,000 per project. The purpose of the program is to provide funds to restore and protect the beneficial uses of water throughout the State through the control of NPS pollution consistent with completed Total Maximum Daily Loads (TMDLs) or TMDLs under substantial development.
4. Staff participated in the technical reviews of 19 full proposals. Two proposals are within Region 5 requesting a funding amount of \$1.5 million. It is anticipated that the recommended funding list will be approved by the State Water Board, April 2009. These funds are not affected by the suspension of general obligation bonds. (PDB)
5. **California Clean Water State Resolving Fund (CWSRF)**
The CWSRF funds can be used for construction of wastewater treatment and water reclamation facilities, correction of non-point source and storm drainage pollution problems, and implementation of estuary enhancement activities. The State Water Board held CWSRF Workshops at each of the Region 5 offices in February and March. The workshops were held to provide potential applicants and staff information on the application process, changes in the program including streamlining of the application process and loan terms. (PDB)
6. **American Recovery and Reinvestment Act of 2009 (ARRA)**
On February 17, 2009, the American Recovery and Reinvestment Act of 2009 was signed into law. This Bill addresses the nation's need to bolster the economy and create jobs. The California CWSRF will receive about \$270 million from ARRA. On March 17, 2009 the State Water Board adopted a resolution for a plan to administer ARRA funds through the CWSRF. Included in that resolution was a preference for ARRA subsidy funds to be reserved for disadvantaged small communities and state grant funded projects that are suspended.

For up to date information, see the CWSRF website for the following:
New Information Regarding Economic Recovery Package
http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/econ_recovery_info.shtml
(PDB)
7. **Proposition 84 Storm Water Grant Program (SWGP)**
Proposition 84 SWGP Guidelines were adopted at the February 17, 2009, State Water Board meeting. Due to the Suspension of General Obligation Bonds solicitation for the SWGP are on hold until further notice. (PDB)
8. **Proposition 84 Integrated Regional Water Management (IRWM)**
The Department of Water Resources (DWR) has released the final IRWM Region Acceptance Process (RAP) document. Submittal materials will be accepted until April 29, 2009. Two workshops were held by DWR to assist in the preparation of the RAP submittals.

DWR has requested Regional Board participation in the RAP to insure that applicants have addressed water quality issues consistent with Water Quality Control Plans. Staff has begun coordination with DWR to review up to 19 IRWM RAP documents. (PDB)

9. **California Financing Coordinating Committee (CFCC) Funding Fairs**

The CFCC is comprised of seven member agencies (six state, one federal), whose members conduct statewide Funding Fairs each year to educate interested parties about the CFCC and the financial and technical resources available. There will be one last funding fair for 2009 to be held in Sacramento - May 7. Information on the 2009 Funding Fairs (including the registration form) and CFCC is available on the CFCC webpage at: www.cfcc.ca.org. (PDB)

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Long-term Program / Environmental Impact Report (EIR)

On 17 February, staff conducted the third long-term program stakeholder advisory workgroup meeting. The meeting was facilitated by the Regional Water Board's contractor, CSU Sacramento Center for Collaborative Policy (CCP). At the 17 February meeting, workgroup participants presented proposed alternatives for the long-term program. Interest groups that presented alternatives included:

- Coalitions and commodity groups developed joint alternatives for surface and groundwater.
- Clean Water Action, California Rural Legal Assistance Foundation, and Community Water Center representatives developed a joint groundwater alternative.
- El Dorado County developed a "Low Threat" waiver alternative for discharge to surface water.
- South San Joaquin Valley Water Quality Coalition developed alternatives for surface and groundwater that are similar to those developed by the coalition and commodity groups.
- South San Joaquin Irrigation District commented that groundwater should not be a part of the irrigated lands program.
- Westlands Water District developed an alternative for discharges to ground and surface water. Westlands main concern is coordination between the long-term ILRP and the WDRs being developed for irrigated lands in Westlands.
- Wildlands Inc., developed an alternative for discharges to surface waters.

Staff will be working with these interest groups to develop the details of the alternatives for more in depth analysis and comment by the workgroup. Staff will also be developing additional alternatives, as necessary, to ensure that a reasonable range of alternatives is considered. The next long-term program workgroup meeting is scheduled for 15 April 2009 and will be an informational session on nitrates in ground water.

On 28 January staff met with Glenn and Butte County Agricultural Commissioners to discuss commissioner involvement in the long-term program. Glenn and Butte County Agricultural Commissioners will be meeting with coalition groups in the near future to pursue the development of a joint alternative that will include agricultural commissioners.

On 2 February staff conducted a long-term program workgroup informational session. The session included presentations by Polly Lowry, Regional Water Board staff, and John Troiano, Department of Pesticide Regulation, on groundwater issues facing irrigated lands. Tess Dunham of Somach, Simmons and Dunn also lead a legal discussion on the statutory requirements of the long-term program. Terry Rivasplata from ICF - Jones and Stokes provided a presentation on the California Environmental Quality Act as it affects the long-term program. The informational session was well attended and received by the advisory workgroup.

On 4 March staff met with representatives from Clean Water Action, California Rural Legal Assistance Foundation, and the Community Water Center, to discuss the details of their proposed groundwater alternative. Also on 4 March, staff met with representatives from El Dorado County, Upper Watershed, Rice Commission, and Sacramento Valley Coalition to discuss the "Low Threat" long-term program alternative developed by El Dorado County.

Staff has developed a series of draft groundwater nitrate summary maps using existing data from the Department of Pesticide Regulation, United States Geological Survey, Department of Water Resources, and Regional Water Board Dairy Program data. These maps graphically depict areas throughout the Central Valley where well data for nitrates exceeds Department of Public Health MCLs. These maps were developed to address comments received during the scoping phase of the long-term program and to assist in the development of the long-term program. Staff will be presenting these draft maps to the long-term program workgroup. (AL)

Enforcement

California Water Code section 13267 Orders

On 28 January 2009, the Executive Officer issued 15 Notices of Violations (NOVs) to landowners and operators in Sacramento, San Joaquin, Solano, and Yolo Counties for failure to respond to a CWC 13267 Order. The 13267 Orders required landowners to fill out a one page form briefly describing why their parcel was not enrolled in the ILRP.

On 29 January, 162 CWC §13267 Orders were issued to growers in Stanislaus and El Dorado Counties who were identified as not being enrolled in the ILRP. The recipients of these Orders were first issued an information postcard on 11 December 2008. Because they didn't respond to the postcard, they subsequently received 13267 Orders. (WO)

On 30 December 2008, the Fresno Office sent CWC §13267 Orders to owners of 2,621 parcels representing approximately 229,000 acres (a total of 681 Orders). Owners of these parcels had been dropped from the 2008 Southern San Joaquin Valley Water Quality Coalition (Coalition) participant list by the Kern River sub-watershed. The Orders required recipients to submit a technical report by 20 February 2009 describing their irrigated lands. Seventy-one Orders were returned because of incorrect mailing addresses supplied by the Coalition. Follow-up correspondence was sent to 53 recipients of the Order who had not responded by 3 March 2009. As of 18 March 2009, 17 recipients who received the Order and follow-up correspondence have failed to respond. To date, the Fresno office has received responses from owners of 2,302 parcels (88%). Of those responses owners of 1,774 parcels (77% of respondents or 165,356 acres) want to reapply to the Coalition. Owners of the remaining 528 parcels (23% or 38,200 acres) have indicated that they have sold the property, have no potential to discharge, are covered under separate WDRs, or otherwise wish to remain off the Coalition's participant list. Seventy-one Orders have been resent with corrected mailing addresses requiring submittal of a technical report by 24 April 2009. (KWE)

On 23 March, 33 CWC §13267 Orders were issued to growers in the Sacramento Valley and 42 Orders were mailed to landowners in the Delta Pilot Project area. These growers were identified as not being enrolled in the ILRP. The recipients of these Orders were first issued an information postcard giving them an opportunity to voluntarily enroll in the ILRP.

Outreach Postcards to Growers

On 10 March 2009, 110 postcards were mailed to growers in San Joaquin County's portion of the Legal 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 enroll non-participating growers in the ILRP. In addition, growers who apply to enroll in a Coalition in response to the postcard save \$150 on their application fee. (WO)

Applications for Regional Water Board Approval to Join Coalition Groups

Since January 2007, 564 applications have been submitted to the Regional Water Board, encompassing over 129,000 acres of land. On 2 February and 12 March, approval letters were mailed to applicants, thus allowing them to join Coalition Groups. This brings the total approved applicants to 498, encompassing 117,000 acres. Other applicants were either already members of coalition groups, withdrew their application, or their applications are pending review. (LW)

Coalition Groups

California Rice Commission (CRC)

On 17 February, the CRC was sent Monitoring and Reporting Program (MRP) Order No. R5-2009-0809, which will be in effect until 31 December 2009. The MRP Order is specific for the rice operations in the Sacramento Valley and includes an information sheet outlining the objectives and basis of the MRP order.

On 18 March 2009, the CRC was sent a letter on the review of its 2008 Annual Monitoring Report. Most items requiring corrections or missing data were closed. Two items referring to quality control data for analytical methods will be addressed in the new Quality Assurance Project Plan (QAPP) to be submitted by 17 April 2009 as required by MRP Order 2009-0809. (MW)

East San Joaquin Water Quality Coalition (ESJWQC)

On 10 February staff met with the ESJWQC representatives to discuss the Management Plan progress and updates. This meeting is the first of a series of quarterly meetings. The ESJWQC updated staff on the number of growers contacted, number of acres represented, future expected changes in management practices, and an overall summary of the success of the "Individual Contact" strategy in the high priority/pilot watershed of Dry Creek at Wellsford Road. Given the rate of success in this watershed, the "Individual Contact" strategy will be applied to the other two priority areas: Prairie Flower Drain at Crows Landing Road and Duck Slough at Hwy 99, and subsequently to the remaining 20 sites identified in the Management Plan.

On March 1, the ESJWQC submitted its Semi-Annual Monitoring Report. Staff will be reviewing and preparing a response letter shortly. (DLH)

Goose Lake Coalition

On 23 December 2008 staff received the Goose Lake Coalition's Semi-annual Monitoring Report, covering the monitoring period from April through August 2008. The SAMR fully met requirements of the ILRP, as stated in the Regional Water Board's response letter provided to the Coalition on 26 January 2009. The Coalition will begin monitoring under their new MRP Plan during spring 2009. (SF)

Sacramento Valley Water Quality Coalition (SVWQC)

On 26 January 2009 staff received the final version of the SVWQC Management Plan, which was approved by the Executive Officer on 2 February. Management Plan activities have been initiated by the Coalition. On 31 December 2008, the Coalition submitted their Semi-annual Monitoring Report. Staff comments are currently in prepared and will be provided to SVWQC. In mid-February, Northern California Water Agencies (NCWA) announced that they hired a new staff person and Coalition lead, Bruce Houdesheldt, to replace Tina Lunt.

On 11 February, Brett Stevens and Susan Fregien provided an update on ILRP monitoring program and compliance activities during the Annual Growers Meeting of the Placer-Nevada-South Sutter-North Sacramento subwatershed group of the SVWQC in Auburn. The meeting agenda included items concerning the Subwatershed Group's budget, recent monitoring results, the 2009 monitoring plan, and a presentation from UCD Farm Advisors on management practices for row crops and orchards.

On 25 February, Karen Larsen and Susan Fregien met with Bruce Houdesheldt, NCWA's new Coalition manager for the SVWQC. The purpose of this meeting was to become acquainted with Bruce and to provide him with an overview of the current status of Coalition tasks and work products for 2009.

On 26 February, Susan Fregien attended the quarterly board meeting of the SVWQC's Colusa-Glenn subwatershed group in Willows. Agenda topics included January monitoring results, financial reports, the Glenn County RCD's Outreach and Education update and 2009 tasks, the subwatershed Field Tour on March 19, the Coalition's recently approved Management Plan, and how managed wetlands will be addressed in the Long-term ILRP.

On 27 February, Paul Hann and Susan Fregien participated in a Dixon/Solano Subwatershed field tour provided for new Water Board and NCWA staff. The tour group included John Currey (Dixon RCD), Jim Allan (Solano Agricultural Commissioner), Walt Cheecho (NRCS), Chris Rose (Solano RCD), and Bruce Houdesheldt (NCWA). John Currey provided an overview of the sub-watershed's irrigation systems and Coalition monitoring sites. Participants were then provided a driving tour of the major features of agricultural operations in the area, including stops at water diversion features and water quality monitoring stations.

On 3 March, Susan Fregien participated in a Yolo Subwatershed field tour provided for new Water Board and NCWA staff. The tour group included Tim O'Halloran (Yolo County Flood Control and Water Conservation District), Denise Sagara (Yolo County Farm Bureau), Rick Landon (Yolo Agricultural Commissioner) and Bruce Houdesheldt (NCWA). Tim O'Halloran provided a comprehensive overview of the Yolo Flood Control District's irrigation and drainage system. Participants were provided a driving tour of agricultural irrigation facilities, including stops at one of the District's main irrigation canals, the Capay Diversion Dam and Willow Slough Bypass. (SF)

San Joaquin County and Delta Water Quality Coalition (SJCDWQC)

On 31 December 2008 staff received revisions to the SJCDWQC's June 2008 Semi-annual Monitoring Report in response to staff's 22 December comments. On 12 January staff received a revision to the Coalition's August 2008 MRP Plan, which modified the Plan by exchanging a monitoring site for another, more representative monitoring site. On 23 January the revised -30 September 2008 Management Plan was approved by the Executive Officer. The Management Plan outlines actions that the Coalition will take to address water quality impairments in the Coalition region.

On February 19, Joe Karkoski and Chris Jimmerson attended the San Joaquin County Resource Conservation District's monthly Board meeting. Staff answered questions from Board members regarding the use of water quality criteria and trigger limits for identify exceedances, the Long-Term Irrigated Lands Regulatory Program, and the necessity of the Coalition's monitoring of analytes that are not applied by agriculture. (CJ)

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

The SSJVWQC was issued a Notice of Violation on 11 March 2009 for an unacceptable Monitoring and Reporting Program Plan (MRP Plan). The SSJVQC must submit an acceptable management plan by 8 May 2009 or the Executive Officer will issue a Coalition-specific MRP Order. Without an approved MRP Plan, the SSJVWQC is required to continue to operate under Monitoring and Reporting Program Order No.R5-2005-0833. (AC)

Westlands Stormwater Coalition

On 6 November Pleasant Valley Water District inquired whether the Central Valley Water Board would require additional monitoring sites to monitor discharges from Pleasant Valley irrigated lands, should Pleasant Valley Water District merge with Westlands Stormwater Coalition. On 18 December staff sent a letter to Pleasant Valley Water District allowing the current monitoring site to fulfill monitoring requirements under the stipulation that if exceedances are detected, additional monitoring sites may be required.

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 response to the request is currently being prepared.

On 25 March, the Executive Officer conditionally approved the Westlands Stormwater Coalition Monitoring and Reporting Program Plan. Westlands is a unique coalition monitoring three ephemeral streams that may remain dry for multiple years until sufficient rainfall in the upper watersheds produce stormwater runoff. The Westlands Water District has an enforceable policy that does not allow their growers to discharge tail water. The MRP Plan is designed to ensure the collection of as much data as possible during the highly transient periods of stream flow. The Annual Monitoring Report for the 2007-2008 storm season is currently under staff review. (BV)

Westside San Joaquin River Watershed Coalition (WSJRW)

On 31 January the WSJRW submitted a draft management practice report describing the interim performance goals they will use to evaluate management practice implementation and effectiveness in the high priority watersheds, Hospital and Ingram Creek watersheds, identified in the approved Management Plan. On 5 and 12 February staff met with the WSJRW to discuss comments on the report. The WSJRW submitted the draft final for staff review on 19 February. (KL)

Data Management

In March staff updated the ILRP Participant Monitoring Data website with monitoring data through March 2008 for the California Rice Commission and the Westlands Storm Water Coalition. Future updates are planned to include the 2008 Coalition monitoring data and thereafter data submitted by the Irrigation Districts this spring.

A meeting between the Southern San Joaquin Valley Water Quality Coalition and the SWAMP Quality Assurance (QA) Team from the State Water Board previously scheduled for 29 January 2009 was postponed. This meeting was scheduled at the Coalition's request and is to discuss and develop Coalition tools to achieve SWAMP comparable data as well as assist in laboratory performance issues. The SWAMP QA Team is funded by Proposition 50, and cannot be utilized until the State budget details have been determined. Rescheduling will take place as soon as the Proposition 50 funds are released.

Staff continues to work closely with stakeholders and the SWAMP program to maintain the flow of information and consistency with the SWAMP 2.5 comparability goals. (MM)

Individual Dischargers

Turlock Irrigation District (Turlock ID)

On 5 January Water Board staff met with Turlock ID to discuss and clarify Management Plan requirements. As a result of the meeting, Turlock ID will be submitting a Management Plan on 1 June to address EC, TDS, and diuron exceedances. (DLH)

Modesto Irrigation District (Modesto ID)

On 23 February Modesto ID submitted its annual monitoring report. Staff will be reviewing and preparing a response letter shortly. (DLH)

Grant Management

Proposition 84

Staff continued to work with the grant applicant, the Coalition for Urban/Rural Environmental Stewardship (CURES), on a grant agreement with a scope of work that will meet the Prop 84 and Division of Financial Assistance (DFA) requirements. Grant funding is still suspended due to the State budget issues, but a grant agreement should be ready for approval and execution when the suspension is lifted. (MW)

MOU Pilot Program

On 28 January, staff met with the Butte and Glenn County Agricultural Commissioners in Sacramento to discuss the next steps for the MOU Pilot Program and role of agricultural commissioners in a long-term ILRP. In March, staff submitted a progress report on the pilot program to the State Water Board summarizing the accomplishments of the program and requesting funding for next fiscal year. (MW)

GENERAL

1. **Groundwater Monitoring Advisory Workgroup**

Staff is in the process of inviting outside experts to participate in a groundwater monitoring advisory workgroup. It is anticipated the workgroup will consist of technical experts from the State Water Resources Control Board, United States Environmental Protection Agency, United States Geological Survey, academia, and private consulting firms. The purpose of the workgroup is to provide Central Valley Water Board staff with input addressing complex groundwater monitoring issues. Invitation letters are expected to be sent in April with the first meeting in May. (CLR)

PUBLIC OUTREACH

On 17 November, Pamela Creedon and Board Chair Karl Longley met with representatives of the Water Softener Industry to discuss CV-Salts

On 9 December, Pamela Creedon and Board Chair Karl Longley attended a meeting with Patty Zwarts of CalEPA and State Board Member Tam Doduc with representatives from the water softener industry group

On 6 January, Pamela Creedon and Board Chair Karl Longley met with Don Gordon, President and Emily Robidart, Vice-President of the Agriculture Council of California to discuss CV-Salts.

On 7 January, Pamela Creedon and Joe Karkoski attended the Stanislaus County Farm Bureau annual meeting at the California Farm Bureau office in Sacramento. Pamela gave a brief presentation to the group on the dairy and irrigated lands regulatory program

On 12 January, Chris Jimmerson and Dania Huggins attended a presentation in Davis entitled "Drinking Water Quality Impacts from Nonpoint Sources." The presenters included UC Davis, CALFED, and USGS. The presentation reviewed Proposition 50-funded grant projects, including sourcing organic matter and nutrients in the San Joaquin River; water quality characteristics of San Joaquin River groundwater; dairy water quality impacts; and quantifying loads and assessing management strategies for reducing drinking water constituents of concern in the Willow Slough watershed.

On 12 January, Pamela Creedon and Board Chair Karl Longley with Rob Egel, Legislative Director from the State Water Board met with Senator Denham and his staff regarding the Baltimore Aircoil Cleanup Site in Merced County and to discuss other activities currently underway at the Water Board's office.

On 13 January, Gen Sparks attended the California Wetland Monitoring Working Group to discuss the response to the State of the State on Wetlands, status of the wetland policy and definition, Vernal Pool Forum, and federal compensatory mitigation rule.

On 14 January, Dennis Heiman, Dania Huggins, Wesley Ouimette, and Susan Fregien attended the Water Quality, Range, Pasture, and Livestock Management Workshop sponsored by the UC Sierra Foothill Research and Extension Center (SFREC) in Brown's Valley. The workshop included presentations on rangeland water quality issues, management practices to improve water quality of discharges from rangelands, and the results of UC research studies on wetland filtration and pollutant reduction capacities. Workshop participants also went on a field tour to observe study plots of the UC SFREC.

On 15 January, Gen Sparks attended the Lower Yolo Bypass Planning Forum in Davis to discuss the issues presented by agricultural landowners and wetland managers in the Yolo Bypass, specifically the emphasis on the impacts of wetlands on agricultural lands.

On 21 January, Pamela Creedon and Board Chair Karl Longley met with Susan Treabess with Senator Wolk's office to discuss the Water Board's activities within the Delta and the methyl-mercury TMDL

On 21 January, Adam Ballard and Karen Larsen attended a meeting with representatives from the Sacramento River Watershed Program to discuss points of coordination and the status of the regional monitoring program (RMP) planning efforts underway in the Delta and Sacramento River watershed.

On 21 January, Gen Sparks attended a meeting with USBLM and East/West Lake County RCD in Lakeport to discuss the Eight Mile Valley Meadow Restoration and Repair project within the Clear Lake Watershed that will implement the Mercury and Nutrient TMDLs.

On 22 January, Adam Ballard and Karen Larsen attended a meeting with representatives from the Department of Water Resources' Municipal Water Quality Investigations program as part of an effort to conduct one-on-one interviews with key water quality monitoring stakeholders in support of the Delta RMP planning effort.

On 22 January, Pamela Creedon attended the Sustainable Dairy Industry Coordinating Council meeting held at UC Davis.

On 29 January, Guy Chetelat and Dennis Heiman participated in a livestock grazing management workshop hosted by Western Shasta RCD in Anderson. The popular workshop (there was more demand than available space) covered evolution of current range conditions, riparian grazing, water quality protection, and use of managed grazing in restoration and habitat management.

On 2 February, Pamela Creedon and Board Chair Karl Longley attended the California League of Food Processors Board of Director's Meeting in Sacramento. Karl Longley gave a presentation on CV-Salts

On 4 February, Chris Foe attended the Delta Regional Ecosystem Restoration Implementation Plan (DRERIP) review session.

On 4 February, Ben Letton attended a Sierra Valley Resource Conservation District meeting in Sierraville. During the meeting Mr. Letton gave an update of the Irrigated Lands Regulatory Program Long-term program planning process and circulated a draft copy of an alternative specific to upper watershed irrigated agriculture.

On 5 February, Michelle Wood attended the Sixth Annual San Francisco Bay Mercury Coordination Conference at the San Francisco Bay Water Board building in Oakland. Topics included: regulatory updates; the latest information on impairment of beneficial uses; preliminary results on the use of mercury isotopes and thin film technologies to evaluate mercury processes, methylmercury sources and pathways; the use of small fish to assess uptake of mercury into the food web; discussions of important mercury cycling processes in wetlands; and the results of recent sediment coring efforts.

On 10 February, Ken Landau and Diana Messina attended a meeting of the Donner Summit Public Utilities District to discuss the proposed renewal of the Donner Summit NPDES Permit with the District Board and concerned citizens.

On 11 February, Jerry Bruns, Stephanie Fong, Karen Larsen, and Ken Landau met with representatives from the Sacramento Regional County Sanitation District to discuss the UC Davis draft report summarizing the effects of ammonia on Delta smelt. Also discussed was the process that would be used when Regional Board staff is involved in studies of water quality near the District.

On 13 February, Pamela Creedon met with various Ag-related industry representatives to discuss CV-Salts

On 17 February, Greg Cash was a guest speaker at a Wastewater Treatment Plant Operators course at Shasta College, Redding, CA. Mr. Cash gave a general overview of the Regional Board and the programs that we currently regulate. Mr. Cash responded to several questions on how the Regional Board operates; writing permits; writing enforcement orders; inspections; and spill response. The essential components of a USEPA NPDES Compliance Inspection Manual were provided to the students.

On 17 February, Stephanie Fong participated in the Interagency Ecological Program and Pelagic Organism Decline Management Team meetings.

On 19 February, Debra Hallis participated in the U.C. Davis Career Fair to update students on Regional Board programs and the current hiring situation.

On 19 February, Alisha Wenzel, Jeremy Starr, Dennis Heiman, and Guy Chetelat met with staff from DWR Northern District. The meeting was to discuss logistics for coordinated water quality monitoring conducted on Feb 23-25 in the Sacramento Watershed. Additionally, DWR staff were provided training on bacteria sample collection and processing procedures developed by the Central Valley Regional Water Board Surface Water Ambient Monitoring Program.

On 19 February, Adam Ballard and Karen Larsen attended a Central Valley Clean Water Association general meeting to provide a presentation concerning the Regional Water Board's activities and efforts as they relate to the Delta.

On 19 February, Gen Sparks attended the Hinthel Environmental Resources Consortium meeting at the Elem Indian Colony at Sulphur Bank. The Hinthel Environmental Resources Consortium was formed to address mutual cultural sensitive issues. This meeting focused on environmental justice issues with methylmercury and fish consumption and mapping of abandoned mercury prospects, claims and mines as related to culturally sensitive areas.

On 19 February, Pamela Creedon, Patrick Morris, Chris Foe, Janis Cooke, and Michelle Wood attended the Delta Mercury TMDL Stakeholder Meeting in Sacramento. The meeting was facilitated by the Center for Collaborative Policy. Thirty-eight stakeholders attended the meeting, representing a diversity of interests such as municipal wastewater and stormwater, water management, flood control, irrigated agriculture, public and private wetland managers, Delta fish consumers, environmental, state and federal agencies, conservancies and consultants.

On 23 February, Chris Foe attended the Fremont Weir Improvements Technical Advisory Committee (TAC) Workshop. The Fremont Weir project includes modifications to the weir that would change flooding duration and frequency in the Yolo Bypass and provide for fish passage.

On 23-24 February, Pamela Creedon and Board Chair Karl Longley attended the Water Quality Coordinating Committee meeting in Chino, CA.

On 24 February, Ken Landau spoke at a town meeting in the City of Live Oak on the advantages of regionalization of wastewater systems. More than 300 citizens were in attendance.

On 24 February, Joe Karkoski attended the US EPA's national conference on non-point source pollution. Staff from state environmental agencies and US EPA regional and head quarters offices attended the meeting. Joe presented an overview of California's regulatory structure and how it has been successfully applied to address pollution problems from irrigated agriculture.

On 25, February Pamela Creedon and Ken Landau met with representatives from the Cities of Modesto and Ceres to discuss regionalization.

On 26 February, Pamela Creedon and Clay Rodgers met with operators and representatives of small dairies to discuss the economic impacts of the dairy permit on small dairies.

On 26 February, Scott Zaitz assisted in a presentation on Storm Water Pollution Prevention Plans to members of the Valley Contractors Exchange and other businesses from Butte County in Chico.

On 26 February, TJ Kopschy met with the members of the Data Collection and Review Team (DCRT) for the Grasslands Bypass Project. The DCRT includes staff from the US Bureau of Reclamation, US EPA, US Fish and Wildlife Service, US Geological Survey, Central Valley Regional Board, CA Department of Fish and Game, and Grassland Area Farmers. The meeting discussed the progress of the Annual Report for 2006 and 2007, the release of the water quality chapter for 2008, and the status of current operations in the project area.

On 3 March, Pamela Creedon and Board Member Cheryl Maki met with Dan Brennan, District Director for Congressman Tom McClintock to discuss regional board activities and concerns in the Congressman's district.

On 3 March, Janis Cooke, Michelle Wood, Patrick Morris, and Chris Foe attended a meeting of the Delta Tributaries Mercury Council. The primary three meeting topics were: a review of the state's efforts to inventory physical and chemical hazards and remediate abandoned mines; an introduction to Systech Engineering's GIS-based watershed model that simulates hydrology plus the fate and transport of non-conservative compounds such as mercury from land, into water, biota in the water, and groundwater; and a presentation on the U.S. Geological Survey' recent study on methylmercury production associated with agriculture and wetlands of the Yolo Bypass Wildlife Area.

On 4 March, Gen Sparks attended a meeting with the Napa County and Solano County RCDs, and Napa County representatives to discuss their issues and concerns of the region, as well as potential water quality monitoring and implementation projects in and around Lake Berryessa.

On 4 March Dennis Heiman attended the Board of Directors meeting of the Sacramento River Watershed Program in Sacramento (Dennis serves as an ex-officio, non-voting Board member).

On 5 March, Pamela Creedon and Brett Stevens attended the California Almond Board's annual environmental stewardship tour in Waterford. The tour included demonstrations of pollution control best management practices applicable to almond orchards. Ms. Creedon addressed the attendees, providing information on the current Irrigated Lands Regulatory Program, the Long-term Program, CV-SALTS, and what the Almond Board can do to foster coordination between almond growers and the Central Valley Water Board.

On 10 March, Dennis Heiman and Ben Letton attended the annual meeting of the Northeast CA Water Association and made a presentation on the current status of long-term program development for the ILRP.

On 10 and 11 March, Adam Ballard, Jerry Bruns, Chris Foe, Stephanie Fong, and Karen Larsen participated in a CALFED Science Program workshop to develop a research framework to understand the role of ammonia within the Sacramento-San Joaquin Delta and Suisun Bay. The workshop also served as a forum for open discussion of data and science gaps.

On 11 March, Ken Landau and Patrick Morris met with State Senate Budget Committee staff, representatives from the Sierra Fund, and other stakeholders to discuss funding needs for methylmercury monitoring and best management practice evaluation for wetland restoration projects.

On 11 March, Guy Chetelat participated in the Stillwater Churn Watershed Group meeting in Redding that covered rainfall monitoring, illegal dumping, loss of floodplain function, invasive riparian plants, and education outreach activities.

On 11 March, Dennis Heiman attended a technical advisory committee meeting for the Plumas Watershed Forum. This is a collaborative of state water contractors, DWR, and Plumas Co. established to provide funding for watershed projects in the upper Feather River watershed.

On 12 March, Adam Ballard met with representatives from the Sacramento River Coordinated Monitoring Program (Sacramento Regional County Sanitation District, City of Sacramento, and Larry Walker Associates) as part of an effort to conduct one-on-one interviews with key water quality monitoring stakeholders in support of the Delta RMP planning effort.

On 12 March, Stephanie Fong participated in a teleconference of the SWAMP toxicity focus group to discuss variation in interpretation of methods used for SWAMP and ILRP testing. The purpose of the meeting was to discuss possible ramifications and underestimation of toxicity as a result of these variations.

On 12 March, Dennis Heiman attended the monthly meeting of the Sierra Valley Resource Conservation District.

On 12 March, Pamela Creedon, Ken Landau, and Joe Karkoski met with Tim Johnson of the California Rice Commission and Donn Zea the new President and CEO of the Northern California Water Association (NCWA). The focus of the discussion was on the Irrigated Lands Regulatory Program and NCWA role as the lead for the Sacramento Valley Water Quality Coalition.

On 16 March, Pamela Creedon met with representatives from JKB Homes regarding a future development site near Lake Oroville.

On 17 March, Ben Letton attended a McCloud River CRMP meeting in Mt. Shasta, CA. During the meeting, Mr. Letton discussed with the CRMP membership a proposed IRWMP geographic designation for the Upper Sacramento and McCloud River watersheds. FERC relicensing for the McCloud River was also discussed.

On 17 March, Gen Sparks attended the California Wetland Monitoring Working Group in Sacramento to discuss the proposed wetland monitoring strategies, Working Group website, and the wetland portal project. The portal will be designed to interface with various databases including SWAMP and GAMA.

On 18 March, Jim Pedri participated in a panel discussion of the proposed AB 885 On-site Wastewater Regulations at the California On-site Wastewater Association (COWA) annual conference in Sacramento.

On 20 March, Greg Cash attended the monthly training session for the Northern Sacramento Valley Section of the California Water Environmental Association (CWEA) at Oroville. Mr. Cash provided the 40 participants with information regarding the Clean Water State Revolving Fund Program as well as other funding programs in the State. Brochures were distributed detailing the 2009 Funding Fairs being offered by the California Financing Coordinating Committee, and information regarding the Federal Economic Recovery money that will be available under the American Recovery and Reinvestment Act of 2009.

On 24 March, Guy Chetelat attended the Big Chico Creek citizen monitoring program meeting regarding monitoring activities in 2009 in Butte County.

On 25 March, Ken Landau made a presentation on regulation of salinity in wastewater and the CV-SALTS effort at the Groundwater Resource Association Salinity Conference in Sacramento.

On 25 March, Dennis Heiman attended a community meeting of the Plumas-Sierra County Cattlemen's Association focusing on BMPs for livestock grazing.

On 26 March, Ben Letton and Dennis Heiman attended a meeting of the Goose Lake ILRP Coalition to discuss the status of long-term program development.

On 25 March, Adam Ballard, Chris Foe, and Stephanie Fong participated in an Interagency Ecological Program Contaminants Work Team meeting. The group was updated on the progress of current studies, discussed the development of their Strategy document, and commented on interpretation of recent studies and development of new studies involving contaminants. A subcommittee was formed to focus on ammonia-specific studies. The subcommittee will report back to the larger group regularly.

On 26 March, Ken Landau, Patrick Morris, Chris Foe, and Michelle Wood attended the Delta Mercury TMDL Stakeholder Meeting in Stockton. The meeting was facilitated by the Center for Collaborative Policy. Thirty stakeholders attended the meeting, and 22 stakeholders participated by conference call, representing a similar diversity of interests as attended the 19 February meeting.

On 30 March, Joseph Simi and Amanda Montgomery held a CEQA Scoping Meeting/Public Workshop concerning a Proposed Basin Plan Amendment to establish new salinity and boron water quality objectives and implementation plan for the Lower San Joaquin River upstream of Vernalis.

On 30 March, Joseph Simi and Amanda Montgomery attended State Board Water Rights Bay-Delta NOP/Scoping Meeting and San Joaquin River Flow and Southern Delta Salinity Water Quality Control Planning Workshop in Sacramento.

On 1 April, Pamela Creedon, Mary Serra and Robin Merod attended the Riverbank City Council Meeting regarding the City's future rate study and sewer program. Pamela spoke to the Council to encourage them to comply with the requirements of the Statewide General SSO Permit.

STAFF RECOGNITION

Candidate: Andrew Jensen
Title: Environmental Scientist
Unit: Stormwater/Water Quality Certification
Supervisor: George Day

Andrew was nominated for the Superior Accomplishment Award for his outstanding performance in the Stormwater and Water Quality Certification Unit of the Redding office. Andrew provides timely, fair and tough regulation of projects that affect wetlands or that discharge stormwater into critical north state waterways. His hard work has led to the issuance of 4 Administrative Civil Liabilities for construction storm water sites and 3 Cleanup and Abatement Orders for illegal filling of wetlands. During this time Andrew completed 51 inspections, reviewed, evaluated, and commented on 58 proposed new developments and authored 35 water quality certifications. This is an exceptional amount of completed work. The achievement is extraordinary for the quantity, quality, and effectiveness of the completed work. His effort during the last year has been exceptional. Though exceptional, it is consistent with his work ethic.

FRESNO OFFICE

Candidate: Matt Scroggins
Title: Water Resources Control Engineer
Unit: NPDES/Stormwater
Supervisor: W. Dale Harvey

Matt received the Superior Accomplishment Award for his outstanding ongoing performance in the Fresno Office's NPDES/Stormwater Unit. Matt tackles the Fresno office's most complicated NPDES sites and always produces high quality products. Matt's work ethic is superb and he is always striving to increase his knowledge base. Matt has become a technical resource regarding ammonia limits, hardness based metals limits, and permit related whole effluent toxicity testing. His ongoing efforts were instrumental in eliminating the Fresno Office's NPDES permit backlog. He often provides valuable guidance to junior staff, and his knowledge, integrity, and easygoing nature have endeared him to the public, his dischargers, and other stakeholders. In short, his efforts always reflect well on the State and the organization.

SACRAMENTO OFFICE

Candidate: Chris Foe
Title: Staff Environmental Scientist
Unit: TMDL/WMI CalFed
Supervisor: Jerry Bruns

Chris has worked for the Regional Water Board since the mid 1980's. During that time, he has made significant contributions to science and research and has implemented projects that have led to measurable improvements in water quality in the Delta and major tributaries to the Delta. He has worked on many of our important non-point water quality problems, including pesticides and mercury. He has been a key member of our Delta Team and has done outstanding work coordinating with stakeholders and other scientists on our most challenging water quality issues. We greatly appreciate the work Chris has done.

January 2009 Employee of the Month Recipients

REDDING OFFICE

Candidate: Drew Coe

Title: Engineering Geologist

Unit: Timber Harvesting/Stormwater

Supervisor: Ronald Dykstra

In August 2008, Drew developed a rapid, science-based assessment to determine erosional impacts from the Rubicon Jeep Trail in El Dorado County. This assessment is helping to prompt mitigation efforts to prevent future erosional impacts from the trail. Drew is the Regional Board's technical lead in revising the Forest Practice Rules for watersheds with threatened or endangered salmonids, and has assisted the California Board of Forestry and Fire Protection in development of this new rule package.

FRESNO OFFICE

Candidate: Jill Walsh
Title: Sanitary Engineering Associate
Unit: Compliance and Enforcement Unit
Supervisor: Jo Anne Kipps

Jill's efforts in reducing the Region's Mandatory Minimum Penalty ACL backlog have been exemplary. She completed 5 MMP ACL complaints totaling over \$1.76 million. In addition, she continues to be instrumental in training technical students in discharge monitoring report review and CIWQS data entry.

SACRAMENTO OFFICE

Candidate: Mark Clardy
Title: Engineering Geologist
Unit: Federal Facilities
Supervisor: Rob Busby

Mark's critical role in the technical review of complex reports documenting the characterization and remediation of soil and groundwater at McClellan Air Force Base has been outstanding. In particular, his detailed analysis and comments on the Initial Parcel #3 Remedial Investigation and Feasibility Study were invaluable and serve as ongoing examples of his commitment to high quality work.

Candidate: Linda Rose
Title: Office Technician
Unit: Administrative Support Unit
Supervisor: Linda Bracamonte

Linda is often called upon to reproduce multiple Administrative Records. This task includes indexing, photocopying and compiling massive amounts of paper. Her positive attitude while working with technical staff on these projects, her attention to detail and her commitment to always meet deadlines deserves recognition and appreciation.

Candidate: Betty Yee
Title: Senior Water Resources Control Engineer (Specialist)
Unit: Basin Planning
Supervisor: Jerry Bruns

Betty is in charge of our Basin Planning Program for our Sacramento and Redding offices. She has been the lead in several triennial basin plan reviews and has successfully guided several important basin plan amendment efforts that were much appreciated by our stakeholders. Betty also provides assistance to Board staff and to others on interpretation of basin plan provisions. Her knowledge and experience are valuable assets to this Board.

February 2009 Employee of the Month Recipients

REDDING OFFICE

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

Jacqueline's responsibilities include managing 45 NON-15 sites, 16 NPDES facilities and 1 SUB-15 facility. Her efforts have helped the Regional Board ensure that surface and groundwater quality is being protected, by encouraging better compliance with regulatory requirements.

FRESNO OFFICE

Candidate: Scott Moore
Title: Engineering Geologist
Unit: Landfill and Composting
Supervisor: Dane Johnson

During the month of February, Scott reviewed and commented on several extensive technical reports and on responses submitted by the City of Porterville regarding the potential threat to groundwater quality. Scott's technical reports are detailed and thorough. His technical knowledge and thorough understanding of the regulations and Regional Water Board policies make him a valuable asset to the stakeholders and to other units within the Fresno office.

SACRAMENTO OFFICE

Candidate: Adam Ballard
Title: Environmental Scientist
Unit: Sacramento River Watershed
Supervisor: Karen Larsen

In February, Adam worked closely with CALFED staff and interested stakeholders and conducted a successful workshop on ammonia in the Delta. The workshop was well received by stakeholders on all sides of the issue. His work on the Delta Team, including coordination within the office and among stakeholders has improved our working relationships with other agencies and stakeholders working on Delta issues.

Candidate: Nathan Casebeer
Title: Engineering Geologist
Unit: Private Sites Cleanup
Supervisor: Duncan Austin

Nathan's technical knowledge, writing abilities and productivity have been extremely valuable to the Site Cleanup Program in addressing a number of difficult issues. Nathan has, in a short time, demonstrated an exceptional ability to understand and address the technical and regulatory issues raised at complex cleanup sites. He has served the Regional Board and the public in a conscientious and diligent manner, and is an asset to the Water Board team.

Candidate: Tom Lavy
Title: Associate Information Systems Analyst
Unit: Information Technology
Supervisor: Calvin McGee

During February, Tom was tasked with preparing, submitting, and tracking all of the Regional Board's year-end Information Technology (IT) purchases. In doing so, he coordinated with outside vendors and Regional Board Administrative staff in obtaining required bids and preparing the paperwork. Tom's efforts allowed us to submit our IT purchases to State Board in a timely manner. These purchases will result in improvements to our IT infrastructure and will further enhance our ability to deliver critical IT services across our region.

March 2009 Employee of the Month Recipients

REDDING OFFICE

Candidate: Heidi Bauer
Title: Sanitary Engineering Associate
Unit: South Regulatory
Supervisor: George Day

Heidi was instrumental in organizing the training for the electronic self monitoring module (eSMR) of CIWQS in the Redding Office. She worked with over 70 NPDES Dischargers, scheduling several training events (hosted by the SWRCB staff) at several locations in Northern California. Heidi has assumed the role of the e SMR Coordinator for all of the NPDES Dischargers in Northern California and continues to assist the Dischargers in their implementation of the eSMR module of CIWQS.

FRESNO OFFICE

Candidate: Greg Issinghoff
Title: Engineering Geologist
Unit: Site Cleanup/DOD/Planning
Supervisor: Russell Walls

Greg Issinghoff from our Site Cleanup Program is the project manager for the Glennville MTBE project. As part of the abatement of the release, the regional water board oversees the delivery of trucked water to multiple residents. Greg was instrumental in resolving an excess water use issue with two of the most contentious residents. The resolution met our objectives and was also acceptable to the contentious residents.

SACRAMENTO OFFICE

Candidate: Stephen Louie
Title: Environmental Scientist
Unit: Mercury TMDL
Supervisor: Patrick Morris

Stephen has been instrumental in conducting field studies and developing the technical analysis in support of mercury loading studies for mercury TMDL's in the Delta and its tributaries. His reports have undergone scientific peer review and have been presented at poster sessions at CalFed at science conferences. Stephen is currently working on developing a mercury TMDL for the lower American River and Lake Natoma, and will be developing a Basin Plan amendment to control mercury in this watershed. His intensive fieldwork and analysis of the data allows us to develop TMDL control programs based on the best available science.

Candidate: Wesley Ouimette
Title: Environmental Scientist
Unit: Compliance, Outreach & Planning
Supervisor: Brett Stevens

Wes has taken the lead role in the Irrigated Lands Regulatory Program's (ILRP) effort to identify owners of irrigated lands who need to get regulatory coverage. During the current fiscal year, Wes has issued 807 postcards, 345 13267 Orders, and 31 Notices of Violation to potential owners of irrigated lands. This effort has required superior organizational and GIS computer skills. His work has been crucial in our efforts to meet the program goals of increasing awareness among the grower community regarding the requirement to participate in the ILRP, and ensuring those growers are taking the necessary steps to protect water quality.

Candidate: Hien Tran
Title: Staff Services Analyst
Unit: Administrative Support
Supervisor: Linda Bracamonte

As a member of the CIQWS team for the Sacramento Office, Hien has worked diligently to bring the CIWQS data current and provides outstanding support to the CIWQS program. Recently, Hien eliminated the backlog of Cleanup and Abatement Orders back to the year 2000; data errors for inspections back to the year 2004; and Regulatory Measure records for NPDES back to the year 2001.

PERSONNEL AND ADMINISTRATION

For Period Ending March 31, 2009

<u>Total Positions</u>	<u>Vacancies</u>	<u>Gained</u>	<u>Lost</u>
260.7	19.5	4	11.8

Gains:

Virginia Moran, Environmental Scientist
Daniel Worth, Environmental Scientist

Promotions:

Diana Messina, Sr. Water Resource Control Engineer to Supervising Water Resource Control Engineer

Leave of Absence:

Lisa Wilson, Environmental Scientist
John Moody, Water Resource Control Engineer
Dani Berchtold, Sanitary Engineering Associate

Return from Leave Of Absence:

Elizabeth Lee, Water Resource Control Engineer

Separations:

Cara Matteson, Engineering Geologist
Donald Lindsay, Engineering Geologist
William Templin, Environmental Scientist
Patricia Leary, Sr. Water Resource Control Engineer
Margie Read, Sr. Environmental Scientist
John Swanson, Environmental Scientist

Retirement:

Patrick Gillum, Environmental Scientist
Loren Harlow, Principal Water Resource Control Engineer/Assistant Executive Officer

Recruiting

Recruiting is on-going for the positions that the State Water Resources Control Board has approved for filling, given the requirement to set aside positions for salary savings.

TRAINING (January – March 2009)

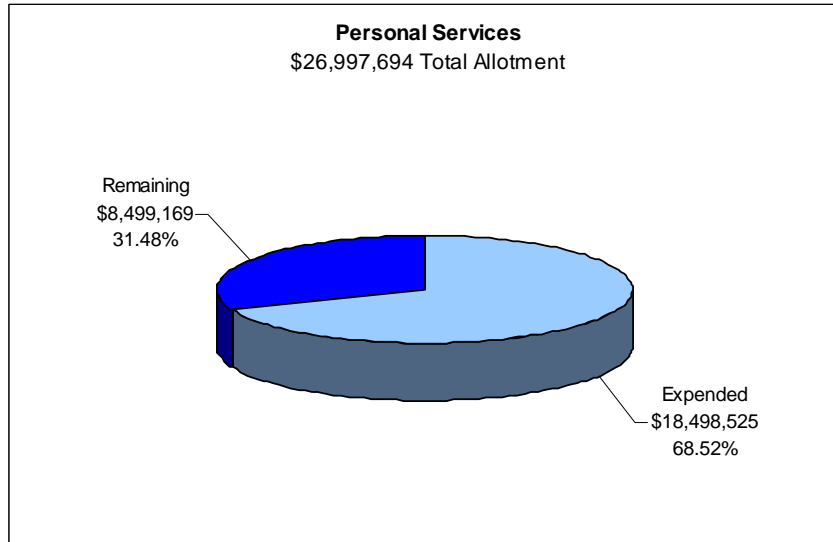
<u>Course Name</u>	<u>Date of Training*</u>	<u># of Attendees</u>
Ability to Pay	01/05/2009	9
Economic Benefit	01/05/2009	9
BEN Running the Computer Model	01/06/2009	6
Sanitary Sewer Collection Systems	01/06/2009	3
Sanitary Sewer Overflows	01/06/2009	1
Telework Plan Training	01/06/2009	2
Writing for Scientific Professionals: It's All About Structure	01/06/2009	37
Writing for Scientific Professionals: Technical Editing	01/07/2009	24
Ad Hoc Joint Project Advisory Committee	01/12/2009	1
Advanced Wastewater Engineering	01/13/2009	2
Cal EPA Basic Inspector Academy	01/13/2009	2
Water Quality, Range, Pasture and Livestock Management	01/14/2009	2
Forest Vegetation Management Conference	01/20/2009	1
Sanitary Sewer Collection Systems	01/20/2009	2
Understanding 40CFR Part 136	01/20/2009	3
Basic Math Skills for Work	01/21/2009	1
Thesis and Research Lab	01/21/2009	1
Understanding 40CFR Part 136	01/21/2009	9
Water Quality and Temperature Forecasting	01/23/2009	5
Water Quality, Range, Pasture and Livestock Management	01/24/2009	1
Contaminant Chemistry and MNA Workshop Series	01/26/2009	3
Planning your Retirement	01/29/2009	2
Water Quality, Range, Pasture and Livestock Management	01/29/2009	1
Wastewater Treatment Plant Operation	02/02/2009	11
Defensive Drivers Training	02/04/2009	1
Global Perspectives on Green Remediation	02/04/2009	7
Microsoft Excel 2003 Intermediate & Advanced	02/05/2009	1
Restoration Hydrogeology	02/10/2009	10
California Water and Environmental Modeling Forum	02/23/2009	1
Introduction to Groundwater & Watershed Hydrology	02/25/2009	1
Water Quality Chemistry Field Sampling and Laboratory	02/25/2009	9
Writing Letters and Memos #622	02/26/2009	1
Advanced Wastewater Engineering	03/02/2009	3
CWEA P3 and Stormwater Conference	03/02/2009	4
Groundwater Pollution & Hydrology Course	03/02/2009	2
Salmonid Restoration Conference	03/06/2009	1
Benefits Training Class	03/10/2009	1
Slope Stability and Landslide	03/11/2009	1
Advanced Wastewater Engineering	03/16/2009	3
COWA Annual Conference and Exhibition	03/18/2009	1
Groundwater Salinity: A Groundwater Dilemma	03/24/2009	4
Introduction to Environmental Enforcement	03/24/2009	2
UCCE Rice Production Workshop	03/25/2009	1
Water Quality Chemistry Field Sampling and Laboratory	03/25/2009	5
National Tanks Conference	03/29/2009	1

**Date of Training indicates first day of training only. Many courses are multiple days.*

FISCAL REPORT
Based on February 2009 Expenditures
(An Average of 75% should have been expended to date)

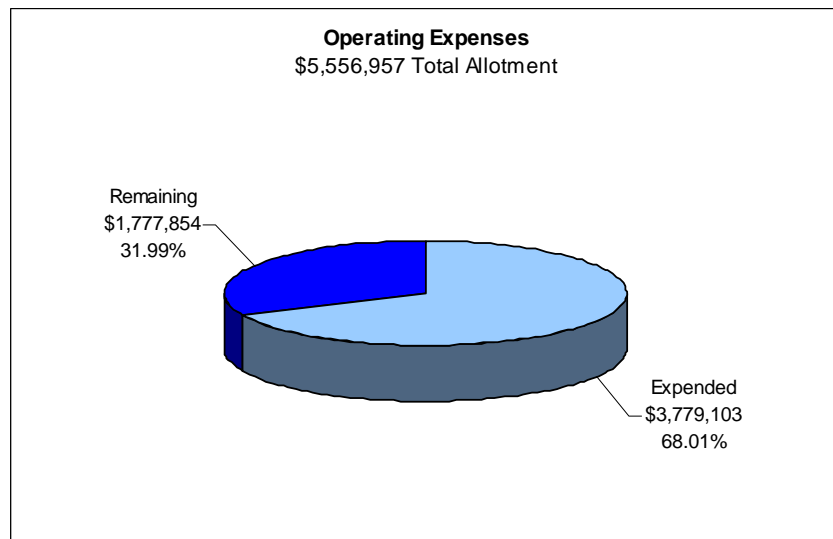
PERSONAL SERVICES

Our Personal Services Budget is currently \$26,997,694. We anticipate an additional 10% GF cut to our next year's budget. As of April 1st, all unspent Bond funds will be eliminated. State Board will be providing more information mid-April regarding the full impact of the funding loss, and where to charge staff costs.



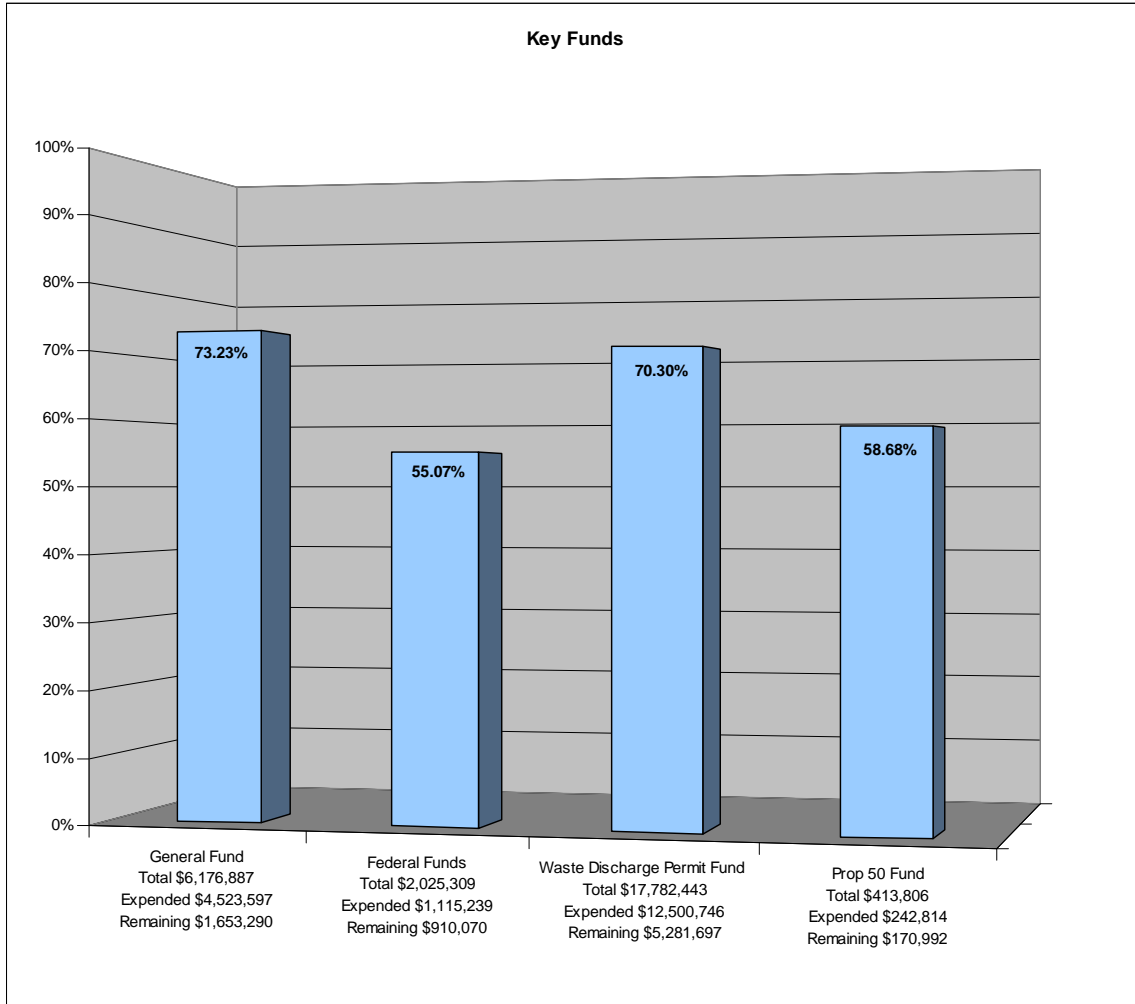
OPERATING EXPENSES

Our total budget for Operating Expenses is \$5,556,957. We are finalizing our year end purchases, and anticipate having all purchase orders completed by the end of April. As with most years we expect to fully spend our Operating Expense budget.



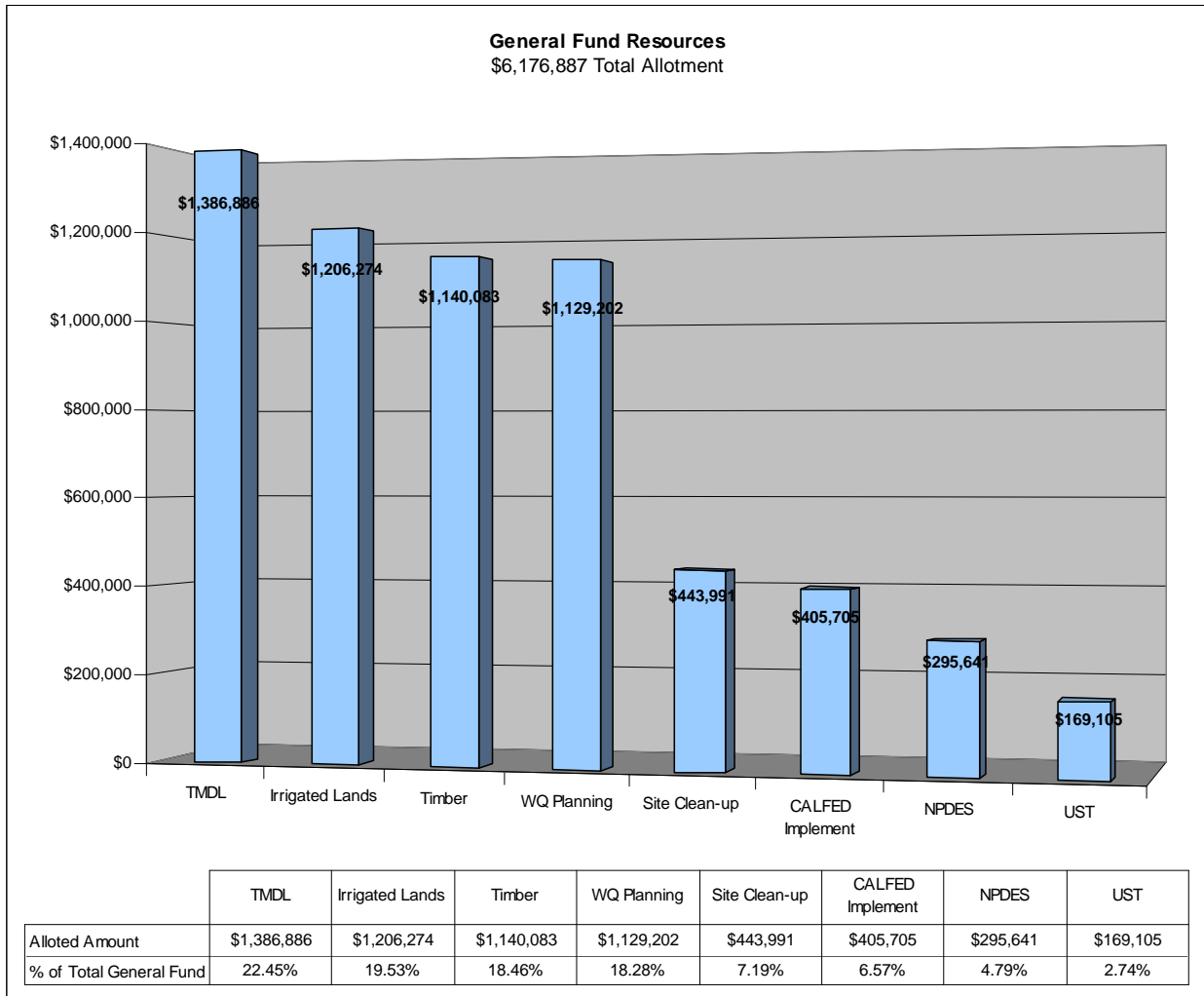
KEY FUND ISSUES

We are spending at an appropriate level. We are anticipating additional cuts to our General Fund programs next year. As mentioned above as of April 1st, bond funds will be eliminated.



GENERAL FUND RESOURCES

As noted above there is uncertainty regarding our General Fund resources next year. Below is a chart showing how much general fund money we received this year and what programs are funded from these resources. The majority of our budget is designated to specific programs by the Legislature and the Governor. We have very little discretion in how we spend our resources.



Fund Source	\$ Allotment	\$ Expenditures	% Expended
NPS Pollution Contral Program-Prop 13 -- (00BOND-NPSC)	= 233,447	204,453	87.6
Watershed Protection Program -- (00BOND-WPP)	= 0	347	0.0
Prop 84 - 2006 Bond -- (06BOND)	= 77,841	41,113	52.8
Cleanup & Abatement Account-Management -- (CAA)	= 4,503,635	3,006,659	66.8
NPDES -- (F(106))	= 270,530	123,437	45.6
Non-Point Source -- (F(319H))	= 983,798	537,710	54.7
DoD Cost Recovery -- (F(DOD-CR))	= 150,816	60,486	40.1
Lawrence Livermore -- (F(LL300))	= 241,807	120,716	49.9
Leaking Underground Storage Tanks -- (F(LUST))	= 378,358	272,890	72.1
General -- (G)	= 6,176,887	4,523,597	73.2
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
UNKNOWN -- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,845,936	1,314,317	71.2
Proposition 50 -- (PROP 50)	= 413,806	242,814	58.7
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 188,549	133,626	70.9
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 250,239	114,613	45.8
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 20,666	708	3.4
CALFED Cooperative Program -- (R(CALFED))	= 394,148	0	0.0
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,585,026	877,053	55.3
Surface Impoundment Assessment Account -- (SIAA)	= 217,696	123,257	56.6
State/Federal Revolving Fund-Federal -- (SRFFED)	= 13,007	7,773	59.8
Tobacco Tax -- (TBT)	= 174,926	87,319	49.9
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,780,184	1,980,724	71.2
Waste Discharge Permit Fund -- (WDPF)	= 17,782,443	12,500,746	70.3
TOTAL	38,683,745	26,274,358	67.9 %

ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS	----- \$ EXPENDITURES -----			
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	260.7	21,633,965	13,932,788	7,701,177	64 %
Temporary Help	0.0	20,000	4,899	15,101	25 %
Overtime		0	35,852	(35,852)	0 %
Board Stipend		12,000	4,900	7,100	41 %
Total Authorized Positions	260.7	21,665,965			
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	21,665,965			
Salary Savings	(13.0)	(1,114,990)			
Net Total Salaries	247.7	20,550,975			
Staff Benefits		6,446,719	4,520,086	1,926,633	70 %
TOTAL PERSONAL SERVICES(PS)	247.7	26,997,694	18,498,525	8,499,169	69 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		322,621	123,224	199,397	38 %
Printing		47,421	27,684	19,737	58 %
Communications		185,689	74,954	110,735	40 %
Postage		26,935	18,600	8,335	69 %
Travel In-State		245,730	108,909	136,821	44 %
Travel Out-Of-State		0	0	0	0 %
Training		123,613	30,221	93,392	24 %
Facilities Operations		1,651,172	1,003,380	647,792	61 %
Utilities		235,644	94,263	141,381	40 %
Contracts - Internal		466,759	394,628	72,131	85 %
Contracts - External		2,001,664	1,472,101	529,563	74 %
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		211,209	431,139	(219,930)	204 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		5,556,957	3,779,103	1,777,854	68 %
TOTAL PS & OEE		32,554,651	22,277,628	10,277,023	68 %
Indirect		6,129,108	3,996,728	2,132,380	65 %
GRAND TOTAL			32,356,356	12,409,403	68 %

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.

29 April 2009 Board Workshop, Merced

- Baltimore Air Coil (BAC) Ground Water Cleanup discussion

June 2009 Board Meeting

- 303(d)/305(b) List Adoption
- Triennial Review of Sacramento/San Joaquin River Basin Plan
- Titan Missile Site Adoption of 2 Board Resolutions: to adopt a CEQA document and approve a RAP

NPDES Permits

- Beale AFB WWTP (rescission)
- City of Angels WWTP (amendment)
- Former Wicks Forest Industries Site (rescission)
- General Electric Groundwater Cleanup
- Grass Valley WWTP (renewal)
- Live Oak WWTP
- Manteca WWTP (renewal)
- Maxwell Time Schedule Order (amendment)
- Mt. Shasta Fish Hatchery (renewal)
- Portola WWTP (renewal)
- Sconza Foods (formerly Hershey Foods), Oakdale (renewal)
- Sierra Pacific Industries, Shasta Lake Sawmill (renewal)
- South Lake Compost (revision)

Land Disposal WDRs

- Aerojet Solid Propulsion Company, CCD Plant No.2, Deep Disposal Well, Sac. Co. (rescission)
- Bakersfield WWTP No. 3 (renewal)
- Cordova Chemical Company, Deep Disposal Well No. 2, Sacramento County (rescission)
- Morning Star Packing (new)
- South Lake Compost (revision)
- Veldhuis North Dairy, Merced County (expansion)
- Williams WWTP (new)

August 2009 Board Meeting

NPDES Permits

- Bakersfield/Kern County MS4 Permit (renewal)
- Chester PUD WWTP
- Chico Regional WWTF
- Fresno Metropolitan Flood Control District et al, MS4 Permit (renewal)
- Galt WWTP (renewal)
- Live Oak WWTP (renewal)
- Manteca WWTP (renewal)
- Mather AFB Groundwater Extraction Treatment Plant (new permit)
- Olivehurst PUD (renewal)
- Redding Clear Creek WWTP (renewal)
- River Highlands CSD WWTP (renewal)
- Sacramento Combined System (renewal)
- Sierra Pacific Industries, Anderson Division

- Stockton Stormwater Management Plan approval

Land Disposal WDRs

- Weststeyn Dairy Farms, Glenn County (new)
- Edward Nunes Dairy, San Joaquin County (expansion)
- Hilmar Cheese (renewal)
- Foster Farms, Livingston Chicken Processing Plant (new)
- North of River SD WWTF (renewal)