

**California Regional Water Quality Control Board
Central Valley Region
24/25 April 2008 Board Meeting**

ITEM: 5

SUBJECT: Executive Officer's Report

SUCCESS STORIES

- 1. Union Pacific Railroad Chico, 940 W. 1st Avenue, Butte County**
During trenching to install a fiber optics cable in 2003, soil impacted with total petroleum hydrocarbons (TPH) in the diesel range was discovered. Eight soil samples were collected from the excavation pit and TPH-diesel was detected in three of them. TPH in the gasoline and oil ranges were not detected. Five direct push borings were advanced in 2004 for further characterization. Three soil samples were collected at each location. Three of the fifteen soil samples contained TPH-diesel concentrations of 52.6 mg/kg, 67 mg/kg, and 250 mg/kg. Only one of the five groundwater samples collected from the borings contained TPH-diesel at a concentration of 428 ug/L, however the sample was non-detect for TPH-diesel after filtration and silica gel cleanup. A no further action letter was issued on 14 March 2008. (RDJ)
- 2. Remedial Action Completed at Pacific Gas and Electric, Grizzly Island Station Natural Gas Processing Facility, Solano County**
Pacific Gas & Electric (PG&E) built the Grizzly Island Natural Gas Processing Facility on Grizzly Island Road, in Solano County in 1963. In July 1997 PG&E reported that the site soil and groundwater were impacted by benzene and total petroleum hydrocarbons. In 1998, five groundwater monitoring wells were installed at this site. Quarterly monitoring showed only one impacted well. In 2002, contaminated soil was excavated from the source area, and the impacted well was replaced. Four consecutive quarterly monitoring events of the replacement well showed non-detect concentrations of all constituents except diesel, which was present in concentrations below the water quality objective for the taste and odor threshold. PG&E satisfactorily completed the site investigation, remedial action and achieved applicable standards and water quality objectives to protect human health and the environment. In December 2007, the remaining monitoring wells were properly destroyed, and a No Further Action was issued for the site. (KDA)
- 3. Remediation Action Completed at UC Davis Pesticide Applicator Site, Yolo County**
In 1988, a pesticide rinsate collection system and pesticide-contaminated soil was removed, and in 1997, Office of Environmental Health Hazard Assessment concurred with the conclusion of a 1995 Human Health Risk Assessment that determined that residual contaminants in soil did not pose a health risk to future residents. A groundwater extraction system operated for six years removing alachlor, chloroform and other constituents from groundwater. Two years of post-treatment verification monitoring have shown that one well that still contains chloroform continues to decline in concentration and is expected to meet the water quality objective of 1.1 ug/L in fall of 2008. (AST)
- 4. Remediation Action Completed at Union Pacific Railroad, 219 N Colusa Street, Glenn County**
On 27 September 2007, Union Pacific Railroad circulated a fact sheet notifying interested parties that the Regional Water Quality Control Board is considering No Further Action for a railroad spur it leases adjacent to a former Barber Cashew Supply Corporation site in Willows, Glenn County. (AST)
- 5. California's First Dairy Biogas-to-Pipeline Project, Fresno County**
Vintage Dairy in Fresno County has completed California's first biogas-to-pipeline project. The project involved the construction of a new, covered pond to capture biogas from the 5,000-cow Vintage Dairy, treating the gas to pipeline grade quality, and injecting it into a Pacific Gas & Electric Company (PG&E) gas transmission line. To expedite the project, the proponents proposed a Tier 1 pond, as provided for in the Dairy General Order. A Tier 1 design includes the construction of a double geosynthetic lined pond with a leachate collection and removal system between the liners. On 9 November 2007, the Regional Water Board received a work plan for the construction of the digester from BioEnergy Solutions. Mr.

Stephen Klein and Mr. Dale Essary of the Regional Water Board performed a rapid and thorough design review and the work plan was approved by the Executive Officer within 25 days of its receipt. During construction, Mr. Klein and Mr. Essary worked with BioEnergy Solutions representatives on a nearly continuous basis, through site visits, conference calls, and rapid review of five submittals. On 18 February 2008, the final post-construction report was received, Mr. Klein and Mr. Essary performed an expedited review, and the report was approved by the Executive Officer within 12 days of its receipt. A ribbon cutting ceremony was held, which was attended by Secretary of Agriculture A.G. Kawamura, representatives of PG&E, the dairy industry, and the Regional Water Board. Secretary Kawamura pushed the button to start the gas scrubber equipment that cleans the gas to pipeline grade quality. (SJK)

6. USFS Partners With Regional Board to Eliminate Houseboat Gray Water Discharges to Shasta Lake, Shasta County

Prior to 6 September 2006, houseboats on Shasta Lake were allowed to discharge gray water directly into the lake. Houseboat gray water is a high strength, high pathogen wastes (similar pathogen levels as toilet wastes); therefore, the discharge was not consistent with the Board's mandate to protect beneficial uses of surface waters. In 2001, the Board adopted Resolution No. 05-01-211, authorizing the EO to enter into an MOU with the Forest Service to eliminate gray water discharges from Shasta Lake houseboats in 5 years. Calendar year 2007 is the first full year in which staff has been able to observe the effects of the gray water prohibition. All 402 commercial houseboats currently operating on Shasta Lake have installed gray water holding tanks and of the 623 private houseboats, 588 (94.4%) have installed gray water holding tanks. Regional Water Board staff has also tracked wastewater disposal rates at each of the marinas prior to and after the prohibition final compliance date. On-shore wastewater disposal rates have increased by approximately 37 percent following implementation of the gray water prohibition. Staff estimated that in calendar year 2007, approximately 1,300,000 gallons of gray water was discharged to approved treatment systems rather than directly into Shasta Lake. Staff continues to work with the Forest Service to determine if the remaining 25 houseboats have complied with the gray water discharge prohibition. (KB)

7. Timber Harvest Staff Coordination with the California Department of Forestry and Fire Protection (CALFIRE)

CALFIRE staff has been in the process of developing an Interagency Mitigation Monitoring Program (IMMP) to encourage a team approach while evaluating the effectiveness of mitigations applied during timber harvest activities. The group includes dedicated members from the Regional Boards, Department of Fish and Game, CALFIRE and the California Geologic Survey as well as public members and industry members. Previous monitoring efforts conducted by CALFIRE have been received with skepticism by the other agencies and the public, especially with regards to the effectiveness evaluations of the Forest Practice Rules (FPR) in protecting the beneficial uses of water in California. The group developed a pilot program to assess "high-risk" watercourse crossings and allowed two years of protocol development and testing. The pilot program is in the final phase and a report will be produced this summer. Staff has also spent time developing an associated Access database to track the data gathered through the use of the protocol. Staff has also been involved in the Board of Forestry (BOF) Policy Committee's Road Rules Task Force for the last three years. The direction to the Task Force was to compile all road and crossing related rules that are spread throughout the Forest Practice Rules and put them into one package. In addition we were tasked with evaluating the applicability of those rules and to make any needed changes. The Task Force presented the final package to the BOF in March and staff will continue to encourage the Board to advance the package through the rule making process.

8. Bacteria Level in Whiskeytown Lake Improves as a Result of National Park Service Actions - 303(d) Delisting Under Consideration, Shasta County

Whiskeytown Reservoir, a popular north state swimming lake currently listed as impaired by fecal coliform bacteria, shows improved water quality. Long-term sampling conducted by National Park Service staff and Regional Board staff shows reduced fecal bacteria contamination at swim beaches. This improved water quality is apparently due to better management practices, including toilet facilities and pet restrictions. In response to a CWA § 303(d) delisting request by the Park Superintendent, Regional Board staff has reviewed of the data and practices and agrees that delisting is warranted. In order to assure continuance of improved conditions and strengthen the case for delisting, Regional Board staff has suggested entering a Management Agency Agreement with the Park Service. The Park Service has agreed to explore this option. (GFC)

For additional success stories, please reference addendum 3, which highlights the closed underground storage tank sites.

DELTA

9. **Bay Delta Conservation Plan Workgroup Meeting**

On 25 March, Jerry Bruns attended the “other stressors workgroup meeting” of the Bay Delta Conservation Plan. The workgroup is working on stressors that are not directly associated with flow or habitat conditions. The mission of the group is to develop a list of measures that could be implemented that may reduce or eliminated the effects a particular stressor. Their preliminary list of stressors included contaminants, invasive species, predation, food supply, in-Delta diversions, climate change, fishing and several others. They are hoping to have their list of measures developed this summer. They have a consultant that will develop issue papers for each of the stressors and the workgroup will provide input on potential measures that could be implemented. (JAB)

10. **Assembly Joint Hearing on Contamination from Historic Gold Mining Activities**

On 4 March, the Assembly Water, Parks and Wildlife Committee, Environmental Safety and Toxic Materials Committee, and Assembly Natural Resources Committee held a joint hearing at the State Capitol to hear about public land and water contamination issues related to historic gold mining in California.

Patrick Morris from the Mercury TMDL Unit provided testimony to the Assembly Committees on the methylmercury impairment in the Delta. He discussed how Delta fish mercury levels are two to three times higher than levels considered safe by the US EPA and U.S. Fish and Wildlife Service. Central Valley Water Board staff is in the process of developing a mercury control program for the Delta. This has been a lengthy process and has involved numerous stakeholders, including the regulated community, wetland managers, and environmental justice groups. The proposed Delta mercury control program will require those sources that discharge elevated levels of methylmercury and inorganic mercury to develop and implement management practices to reduce methylmercury discharges. The control program will focus on sources in the Delta and its upstream watersheds.

The topic of wetland restoration projects in the Delta was discussed at the hearing because some wetlands are very effective at creating and discharging methylmercury. Methylmercury production in wetlands is important because CalFed is committed to restoring 75,000 to 90,000 acres of seasonal and permanent wetlands in the Delta. This represents about a three to four times increase in wetland acreage from current conditions. Much of the restoration is expected to take place in the Yolo Bypass, which is directly downstream of the Cache Creek watershed. Cache Creek is a major source of mine-related mercury to the Bypass. When flooded, the Bypass has some of the highest mercury concentrations ever measured in fish in the Central Valley and Bay. If controls are not developed for both legacy mercury and modern methylmercury production in these areas, the fish will become more contaminated, putting more humans and wildlife at risk.

To address the wetland issue, staff is working with the Department of Fish and Game to develop methods to control methylmercury from wetlands. It appears that permanent wetlands make less methylmercury than seasonal ones. Knowing this, it may be possible to alter water management practices to reduce methylmercury. In addition to working with the wetlands managers, the amount of legacy mercury that is available for methylation in the Yolo Bypass needs to be reduced. The most promising way to do this is to make improvements to the Cache Creek settling basin. When settling basin improvements are made and a periodic maintenance program implemented, there will be significantly less mercury loading into the downstream wetlands. Staff has been working with CalFed to secure resources for this project. (PWM)

ENFORCEMENT

11. **ACL Complaint of \$3 million issued to Winemucca Trading Company Limited, Shasta County**

On 21 March 2008, the AEO Jim Pedri issued an ACL Complaint for \$3m to Winemucca Trading Company Limited, Inc., for its failure to comply with Cleanup and Abatement Order No. R5-2004-0717. The CAO required the removal of hazardous wastes and removal or encapsulation of thousands of cubic yards of sludge containing dioxins from the non-operating pulp and paper mill previously operated by

Simpson Paper Co. and Shasta Paper Co. Winemucca purchased the non-operating paper in mill in 2001 and has failed to completely remove residual hazardous wastes and materials and sludge contained in the wastewater treatment lagoons. The lagoon sludge contains dioxins (including 2,3,7,8 TCDD) since the paper mill was operated as a "kraft" mill which is commonly know to generate dioxins by utilizing significant amounts of chlorine in the paper bleaching process. The cost for "clean closure" of the lagoons (removal of all sludge to a acceptable site) is estimated to be over \$2.8 million. In addition, Winemucca has begun to transfer ownership of some of the numerous individual parcels that comprise or threaten the cleanup of the mill site. Comments on the ACL complaint are due by 21 April 2008. A hearing is scheduled for the June 2008 Regional Board meeting. (KLC)

12. ACL Complaint Issued & Paid For Stormwater Violations at Redding Retirement Residence Development, Shasta County

On 27 February 2008, AEO Jim Pedri, issued an Administrative Civil Liability Complaint to Colson & Colson General Contractors, Inc and Curry Brandaw Architects for \$10,000 for violations of the General Construction Storm Water Permit. The Discharger discharged concrete waste to a storm sewer, failed to maintain storm water BMPs and failed to provide adequate erosion and sediment controls at their Redding Retirement Residence construction site for one day at the beginning of the rainy season. The Discharger waived the right to a hearing and submitted full payment on 24 March 2008. (GDD)

13. ACL Complaint Issued To Stephen Schuster and the Pheasant Landing Phase III Homeowners Association For Late Submittal Of Self Monitoring Reports, Butte County.

On 25 March 2008, the AEO Jim Pedri issued an Administrative Civil Liability Complaint for \$7,500 to Stephen Schuster and the Pheasant Landing Phase III Homeowners Association for late submittal of self monitoring reports. The Discharger has a history of late submittals. Comments on the ACL Complaint are due 18 April 2008. The Discharger has verbally indicated that he will pay the ACL and will not request a Board hearing. (RSD)

14. ACL complaint issued to City of Chico Regional Wastewater Pollution Control Plant, Butte County

On 17 March 2008, AEO Jim Pedri issued an ACL Complaint in the amount of \$100,000 to the City of Chico Regional Wastewater Pollution Control Plant for discharge of pollutants to surface waters in violation of their NPDES permit. On 21 August 2007 and 4 September 2007, the Chico Regional Wastewater Pollution Control Plant discharged approximately 2.5 million gallons of undisinfectated secondary treated wastewater to the Sacramento River. On 21 and 22 August 2007, for approximately 10 hours, the City of Chico's WWTP experienced a lack of chlorination and then dechlorination of plant effluent. A blown fuse caused the chemical feed pumps to shut down after hours when plant operators were not present. The plants SCADA alarm system registered an alarm but failed to autodial off-site plant personnel. This event resulted in the discharge of approximately 514,000 gallons of effluent with an average chlorine residual of 3.0 mg/L, and approximately 2.5 million gallons of undisinfectated effluent to the Sacramento River. An electric malfunction occurred on 4 September resulting in another chlorine violation that resulted in approximately 180,000 gallons of effluent with an average chlorine residual of 2.4 mg/L to be discharged to the Sacramento River. During the week of March 24, 2008, City of Chico staff indicated that they would not request a public hearing and wished staff to consider an appropriate supplemental environmental project to cover a portion of the \$100,000 penalty. (GDC)

15. ACL Complaint, Lake County Sanitation District Southeast Regional Wastewater Treatment Facility, Lake County

On 20 March 2008, the Assistant Executive Officer issued an Administrative Civil Liability (ACL) Complaint in the amount of \$60,000 to Lake County Sanitation District (Discharger) for raw sewage spills that occurred since the issuance of a Cleanup and Abatement Order in 2005. From 31 July 2005 to 26 January 2008, the Discharger reported 19 spills of raw sewage from its collection system totaling 197,819 gallons. Of these, 13 spills totaling 142,475 gallons entered Clear Lake or surrounding surface water drainage courses. Regional Water Board staff issued 8 Notices of Violations for these spills. Unless the Discharger waives its right to a hearing and pays the civil liability by 21 April 2008, the Central Valley Regional Water Quality Control Board is scheduled to consider the complaint at its 12/13 June 2008 meeting. (GJC)

16. ACL Complaint to Freeport Regional Water Authority, Sacramento County

On 19 March, the Assistant Executive Officer issued an Administrative Civil Liability Complaint to the Freeport Regional Water Authority (FRWA) in the amount of \$100,000 for violations of the construction

storm water permit. FRWA is working on a project to provide water from the Sacramento River to central Sacramento County and the East Bay. The component of the project at issue in the Complaint is the stockpiles of soil adjacent to a vernal pool complex near the intersection of Bradshaw and Gerber roads. Runoff from the construction site discharges to the vernal pools and Gerber Creek, which is a tributary to Elder Creek, Morrison Creek and the Sacramento River. From October 2007 through late January 2008, Sacramento County and Regional Water Board staff inspected the site and noted storm water management issues, which resulted in the discharge of highly turbid storm water to the adjacent vernal pools. (RWM)

17. ACL Complaint, City of Modesto Wastewater Treatment Facility, Stanislaus County

On 6 February 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0503 for assessment of mandatory minimum penalties (MMPs), pursuant to California Water Code section 13385, for violations of effluent limitations at the City of Modesto Wastewater Treatment Facility in Stanislaus County. The MMPs were in the amount of \$3,000 for the violation of effluent limitations of chlorine residual which occurred at the facility since January 2000. The Discharger has paid the complaint, and the matter is closed. (BLH)

18. ACL Complaint is Settled, Wetsel-Oviatt Lumber Co., El Dorado County.

On 6 February 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0504, for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the Wetsel-Oviatt Lumber Co. The MMPs were in the amount of \$18,000 for the violation of effluent limitations of total suspended solids and oil and grease which occurred at the facility since January 2000. The Discharger has paid the complaint, and the matter is closed. (BLH)

19. ACL Complaint, Sierra Pacific Industries is Settled, Sierra Pine Limited, and Wheelabrator Martell Inc., Amador County.

On 6 February 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0505, for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the Sierra Pacific Industries, Sierra Pine Limited, and Wheelabrator Martell Inc., facility. The MMPs were in the amount of \$3,000 for the violation of effluent limitations of total suspended solids which occurred at the facility since January 2000. The Discharger has paid the complaint, and the matter is closed. (BLH)

20. ACL Complaint is Settled, Hershey Chocolate and Confectionary Corporation, Stanislaus County.

On 25 February 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0507 for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the Hershey Chocolate and Confectionary Corporation, Stanislaus County. The MMPs were in the amount of \$39,000 for violations of effluent limitations of BOD, COD, and oil and grease which occurred at the facility since January 2000. The Discharger has paid the complaint, and the matter is closed. (BLH)

21. ACL Complaint, Placer County Sewer Maintenance District No. 3 Wastewater Treatment Plant, Placer County

On 18 March 2008, The Assistant Executive Officer issued Administrative Civil Liability (ACL) Complaint No. R5-2008-0510 to Placer County Sewer Maintenance District No. 3 (SMD3), for assessment of mandatory minimum penalties (MMPs) in the amount of \$153,000 for violations of effluent limitations for total coliform, pH, chlorine residual, turbidity, and nitrate that occurred at its wastewater treatment plant in Loomis from January 2000 to December 2007. Placer County SMD3 is required to respond to the ACL Complaint by 17 April 2008. If necessary, staff will present this matter for a hearing at the 12/13 June 2008 Regional Water Board meeting. (SMJ)

22. ACL Complaint, Town of Discovery Bay Wastewater Treatment Plant, Contra Costa County

On 18 March 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0511 for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the Town of Discovery Bay Treatment Plant. The MMPs were in the amount of \$48,000 for violations of effluent limitations for copper, total coliform organisms, and total suspended solids which occurred at the facility since April 2004. The Discharger is required to respond to the Complaint by 17 April 2008. If necessary, staff will present this matter for a hearing at the 12/13 June 2008 Regional Water Board meeting. (BLH)

- 23. ACL Complaint, City of Turlock Water Quality Control Facility, Stanislaus County**
 On 18 March 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0512 for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the City of Turlock Water Quality Control Facility. The MMPs were in the amount of \$216,000, for violations of effluent limitations for chlorine residual, pH, settleable solids, total coliform organisms, total suspended solids, and turbidity which occurred at the facility since January 2000. The Discharger is required to respond to the Complaint by 17 April 2008. Staff has received and is reviewing a draft proposal for a Supplemental Environmental Project to offset a portion of the penalty. If necessary, staff will present this matter for a hearing at the 12/13 June 2008 Regional Water Board meeting. (BLH)
- 24. ACL Complaint, City of Williams Wastewater Treatment Plant, Colusa County.**
 On 18 March 2008, the Assistant Executive Officer issued Administrative Civil Liability Complaint No. R5-2008-0513 for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the City of Williams Wastewater Treatment Plant, Colusa County. The MMPs were in the amount of \$2,109,000, for violations of effluent limitations for ammonia, biochemical oxygen demand, pH, total coliform organisms, total suspended solids, and turbidity which occurred at the facility since January 2000. The Discharger is required to respond to the Complaint by 17 April 2008. The City of Williams is eligible to apply the MMP to a compliance project if certain conditions are met. Staff is working with the City to obtain information to resolve this case by that deadline. If necessary, staff will present this matter for a hearing at the 12/13 June 2008 Regional Water Board meeting. (BLH)
- 25. ACL Complaint Settlement, City of Roseville Pleasant Grove Wastewater Treatment Plant, Placer County**
 On 6 February 2008, the Assistant Executive Officer issued Administrative Civil Liability (ACL) Complaint No. R5-2008-0506, for assessment of mandatory minimum penalties (MMPs) in the amount of \$33,000 for violations of effluent limitations for coliform, turbidity, and chlorine residual that occurred at the City of Roseville's Pleasant Grove Wastewater Treatment Plant, from January 2000 to May 2007. On 22 February 2008, the City of Roseville paid the ACL in full. Regional Water Board staff received no public comments during the 30 days following issuance of the ACL Complaint, and the matter is now closed. (SMJ)
- 26. ACL Complaint Settled, El Dorado Irrigation District, El Dorado County**
 R5-2008-0502 for assessment of mandatory minimum penalties (MMPs) for violations of effluent limitations at the Deer Creek Wastewater Treatment Facility. The MMPs were in the amount of \$24,000 for violations of effluent limitations of chlorine residual and total coliform organisms which occurred at the facility since January 2000. The Discharger has paid the complaint, and the matter is closed. (BLH)
- 27. Dairy Enforcement**
 Dairy program staff has recently sent out nine Notice of Violations for off-property discharges and one Notice of Violation for on-property violations to the General Waste Discharge Requirements for Existing Milk Cow Dairies. (JMLB)
- 28. Cleanup and Abatement Order Issued to Lake Road Grizzly Ranch LLC and Stanislaus Almond Ranch LLC, Stanislaus County**
 On 10 March, the Assistant Executive Officer issued a Cleanup and Abatement Order to Lake Road Grizzly Ranch, LLC and Stanislaus Almond Ranch, LLC for grading over 1000 acres on sloped land in Stanislaus County and causing significant discharges of sediment into Peaslee Creek, which is tributary to the Tuolumne River. The Order directs the Discharger to take immediate action to stabilize and abate sediment discharges. In addition, the Order requires in part, stabilization and cleanup Plan by 31 March and a completion report no later than 15 August 2008. (RWM)

COMPLAINTS

- 29. Greening of Murphys Creek, Calaveras County**
 On 15 March 2008, the town of Murphys, in Calaveras County, celebrated Murphys Irish Days. During the event this year, and reportedly for the past several years, Murphys Creek was dyed bright green by an unknown person(s) for a portion of the day. The Murphys Business Association, which hosted the

event, has indicated that they do not know who is responsible. The Department of Fish and Game is working with staff from the Regional Water Board to investigate the incident, and may pursue enforcement in the future. (PHL)

SITE CLEANUP

30. Former Baltimore Air Coil Facility Completes Soil Removal: Merced County

On March 13, 2008, Arcadis, the environmental contractor for Merck Corporation which is responsible for the cleanup of the Former Baltimore Air Coil facility near the city of Merced, completed the removal and off-site disposal of 7,309 cubic yards of chromium-contaminated soil and 1,152 tons of chromium contaminated concrete. Local residents are very interested in cleanup of this site and staff is keeping them informed through Fact Sheets. (BLS)

31. Groundwater Treatment System Removed DBCP and Atrazine, Shell Biological Sciences Research Center, Stanislaus County

With our approval, Shell has stopped the active remediation system, consisting of extracting and treating groundwater at this site. The treatment system removed DBCP and atrazine from groundwater from the northern half of the site to below detection limits as confirmed by one year of post-treatment monitoring. However, Shell continues to monitor chloroform in the southern half of the site as concentrations have not yet met cleanup objectives. On 4 February 2008, Shell circulated a fact sheet updating interested parties on the status of remediation. (AST)

32. Aqueous Film-Forming Foam Spill, McClellan Business Park, Sacramento County

On 22 February 2008, McClellan Business Park, formerly McClellan Air Force Base reported a spill of an estimated 2000 gallons of Aqueous Film-Forming Foam (foam) at an aircraft hanger located on the east side of the McClellan airfield. Workers on the scene accidentally tripped the deluge system resulting in the release of the foam. Most of the foam was released in the hanger; however, a small amount reached a storm drain that discharges into Magpie Creek. Foam was observed in Magpie Creek at the storm drain outfall. Booms were placed to contain the substance until Public Works vacuum trucks arrived to remove as much of the foam as possible from the creek. Regulatory agencies including the Department of Fish and Game were notified of the spill. Analytical results from water samples collected after the cleanup effort indicate that the chemical constituents of the foam were no longer detectable in Magpie Creek. (JDT)

33. Lawrence Livermore National Laboratory Site 300, U.S. Department of Energy, San Joaquin County.

The U.S. Department of Energy (DOE) and Lawrence Livermore National Security, LLC (Site 300) held a public work shop on 6 March 2008 in Tracy to introduce interested parties to and request comments on a Non-time Critical Removal Action planned to take place at Site 300 in late 2008. The U.S. Environmental Protection Agency (U.S.EPA), Department of Toxic Substance Control (DTSC) and Regional Water Board staff attended the meeting.

Near the firing table at Building 850, surface and subsurface soil is contaminated with PCBs, dioxins and furans that were blown against the hillside during explosives testing. A baseline risk assessment identified a risk to onsite workers who could inhale, ingest, or contact PCBs, dioxins, or furans in surface soil in the vicinity of the firing table. It also identified a hazard to animals that could be exposed to this soil contamination. Surface water has not been impacted by the soil contaminants but is considered threatened by runoff of contaminated sediments.

The selected remedy agreed to by the DOE, U.S. EPA, DTSC and Regional Water Board is excavation of the contaminated soil, solidification to bind the contaminated soils particles into a concrete-like material and onsite consolidation near the Building 850 firing table. Following excavation, confirmation samples of the remaining soil will be collected and analyzed to confirm that PCB, dioxin and furan concentrations in soil meet the cleanup standards. Cleanup standards are the U.S. EPA Region 9 Preliminary Remediation Goals. The soil consolidation unit will be inspected regularly and maintenance and repairs will be conducted as necessary to ensure the integrity of the solidified soil unit. Institutional and land use controls will be used to prevent construction work and other ground-breaking activities from disturbing the solidified soil unit. (ST)

34. Optimization of Soil Vapor Extraction at Eight Sites, Former Mather Air Force Base, Sacramento County

From October 2007 to February 2008 the Air Force conducted drilling and well installation activities to augment and optimize soil vapor extraction operations at the remaining eight areas where soils are still contaminated with volatile organic compounds and petroleum hydrocarbons. This effort included the advancement of 41 exploratory soil borings to assess the progress made during the past 7 to almost 13 years of soil vapor extraction and the installation of 103 vapor extraction and/or monitoring wells to improve the performance of the soil vapor extraction system. To date the Air Force has removed approximately 900,000 pounds of petroleum hydrocarbons and over 5,000 pounds of volatile organic compounds (primarily trichloroethene) from the eight sites. The additional soil vapor extraction wells are expected to target the more recalcitrant portions of the vadose zone contamination and shorten the time needed to achieve remedial action objectives. (MLP)

35. Defense Logistics Agency Tracy Depot – Tracy, San Joaquin County

Over the past two years, the Defense Logistics Agency (DLA) has informally disputed the feasibility of the cleanup of the pesticide dieldrin in groundwater beneath the northwest corner of the supply depot in Tracy. It appeared that the issue was headed toward a formal dispute. However, through cooperative dialog and constructive meetings with U.S. EPA Region IX, DTSC, and Regional Water Board staff, DLA ultimately agreed to proceed with further characterization and a focused feasibility study. We are working closely with the other agencies and DLA to establish an agreeable scope of work for investigation, pilot testing and possible remediation. (JRB)

36. Valet Cleaners, 640 E. Main Street, Grass Valley

An undefined plume of tetrachloethylene (PCE) emanates from the former Valet Cleaners site in Grass Valley, Nevada County. Impacts extend onto the neighboring property to the south (10-Minute Lube) and an adjacent vacant property to the west, Sierra Terrace Development. Regional Water Board staff has pursued cost recovery with Valet Cleaners' business operator and property owner over the last several years. The former business operator signed up for the Site Cleanup Cost Recovery program in 2005, but never reimbursed the State. The property owner was not cooperating, despite multiple meetings and letters initiated by the RB staff.

Regional Water Board staff visited the Valet Cleaners and 10-Minute Lube sites on 11 March 2008 to communicate with the property owner the liabilities and responsibilities he has to address investigation and cleanup of the plume caused by the prior operations of tenant. Staff again requested the Valet Cleaners to agree to the Cost Recovery Program, and encouraged data sharing and coordination of sampling events with neighboring properties. After the meeting, the Regional Water Board staff was successful in obtaining a cost recovery agreement from Valet Cleaners property owner and in obtaining his commitment to make progress toward a cleanup. (KLD)

37. Former Puregro Facility, 4900 Del Monte Avenue, Chevron Environmental Management Company, Sutter County

This site was used for the storage of pesticides and fertilizers. There were two underground storage tanks on this site, one used for gasoline storage and the other for unknown use. Both tanks were removed in June 1989. Soil impacted with petroleum hydrocarbons was excavated in 1989 from an area of about 30 by 40 feet to a depth of 4 to 6 feet below ground surface. The soil was aerated on site. Groundwater monitoring at the site has shown that the only constituent detected in groundwater which is potentially from a leaking underground storage tank is 1,2 dichloroethane. No petroleum hydrocarbons, BTEX or fuel oxygenates have been detected since March 2006. 1,2 dichloroethane is detected in two monitoring wells at concentrations up to 3.9 ug/L. The concentrations have shown a decreasing trend and should be below the MCL of 0.05 ug/L by 2011 in one well and by 2031 in the other well. The underground storage tank portion of the site has been closed. The groundwater still contains elevated nitrate concentrations and is undergoing phytoremediation. (ST)

38. Former Nestle Processing Facility – City of Ripon, San Joaquin County

Nestlé has reached an important milestone in their efforts to cleanup trichloroethene (TCE) in groundwater throughout the center of the old downtown section of Ripon. On 5 July 2006, a revised Cleanup and Abatement Order was issued to Nestlé. On 14 February 2008, Nestlé started up an expanded groundwater pump-and-treat remediation system at their former decaffeinated coffee

processing facility on Industrial Avenue in Ripon. The system was designed to clean up the TCE source area on the property. Preliminary results indicate that the system is effective for the source area.

Historically, TCE was also detected in two private domestic wells further south of the facility in Stanislaus County. In 2005, Nestlé installed well-head treatment systems on the wells and provided bottled water to the users. On 21 July 2005, staff issued a Monitoring and Reporting Program ordering Nestlé to monitor more than 25 domestic water supply wells south of the river. Based on monthly monitoring data, no additional wells have been contaminated by TCE.

Nestlé is underway with a year-long soil vapor monitoring study to evaluate the potential that TCE vapor is entering structures in the vicinity of their former facility. Early results suggest that there is little or no risk to the occupants of the structures. (JRB)

39. Water Board Cleanup Council Subcommittee Releases Beta-Version Water Quality Environmental Screening Tool (W-QEST) for Internal Review.

In response to the need for state wide screening tools, Regional Water Board staff, in coordination with the state wide Cleanup Standards Subcommittee of the Water Board Cleanup Council, developed an Excel-based spreadsheet tool that allows users to determine the applicable water quality limits for their location anywhere in the State. While Jon Marshack has developed and maintains the compilation of water quality goals for the Central Valley Region, he updated this information for the W-QEST tool and provided additional goals for conditions in other Regions by including goals for enclosed bays, estuaries and ocean water. The W-QEST tool has been distributed among the other Regional Boards for comment. Future planned updates to the tool are undertaken by Duncan Austin and his staff and include the development soil-contaminant screening levels for protection of groundwater resources. (AKJV)

COMPLETED SITE CLEANUP

CEQA REPORTING

40. Draft Mitigated Negative Declaration, Northern California Vipassana Retreat Center, Lake County

On 25 February 2008, Regional Water Board staff provided comments on a Draft Mitigated Negative Declaration (MND) for the proposed California Vipassana Association Retreat Center. The proposed project will create a meditation retreat training center that will house up to 95 people during two ten-day seminars per month. The facility will include dormitories, a large meditation hall, a commercial kitchen, and dining halls. An existing septic system will be converted and expanded to serve the facility, and water will be supplied by an existing on site well. Average daily wastewater flows to the septic system would be less than 3,500 gallons per day on average, so staff recommended that the septic system be permitted and regulated by the Lake County Environmental Health Department. Staff also recommended that the site be further evaluated to ensure adequate separation between the base of the disposal trenches and the water table, and that self-regenerating water softeners not be used. (ALO)

41. Draft Mitigated Negative Declaration, Langtry Golf Course, Lake County

On 25 February 2008, Regional Water Board staff provided comments on a Draft Mitigated Negative Declaration (MND) for the proposed Langtry Golf Course, which includes an 18-hole golf course, a 3,700 square foot clubhouse, and associated improvements. Domestic wastewater would be handled by on-site wastewater treatment and disposal systems. Average daily wastewater flows to the wastewater treatment and disposal system would be less than 4,000 gallons per day on average, so staff recommended that the on-site wastewater systems be permitted and regulated by the Lake County Environmental Health Department unless the type of systems proposed are outside the scope of the County's current septic ordinance or practical ability to regulate. (ALO)

42. Draft Mitigated Negative Declaration, Madison Community Services District Sphere of Influence Expansion, Yolo County

On 24 March 2008, Regional Water Board staff provided comments on a Draft Initial Study and Mitigated Negative Declaration for expansion of the Madison Community Services District (CSD) Sphere of Influence (SOI) to include the existing Madison Migrant Center, the Madison CSD wastewater treatment facility, previously developed commercial/industrial properties, and one 3.7-acre undeveloped parcel known as the Railroad Property. The proposed SOI expansion would add 16 undeveloped residential lots to the current SOI, and Madison CSD would be expected to provide sewer service to these lots if they were developed. The other areas already receive sewer service from Madison CSD. Staff commented

that the current enforcement order (Time Schedule and Cease and Desist Order No. R5 2007-0020) allows four new connections and requires that Madison CSD complete certain wastewater treatment facility improvements and expand the facility as needed to accommodate growth. Some of these improvements have already been completed, and Regional Water Board staff has been informed that the improvements have increased the capacity of the wastewater treatment facility. However, staff noted that the current connection restriction imposed by Order No. R5 2007-0020 need not prevent expansion of the SOI because the proposed action does not create an increased demand for sewer service. (ALO)

43. Supplemental Environmental Assessment/Initial Study, Folsom Dam Safety and Flood Damage Reduction Project, Sacramento County

On 24 March 2008, Regional Water Board staff provided comments on a Supplemental Environmental Assessment/Initial Study for the Folsom Dam Safety and Flood Damage Reduction Project. The overall project involves construction of an auxiliary dam spillway, seismic improvements to the main concrete dam and the Mormon Island Auxiliary Dam, improvements to certain earthen structures, reinforcement of five spillway gates, replacement of three emergency spillway gates, raising all structures 3.5 feet, and other related improvements at the Folsom Dam complex. A Final Environmental Impact Report (FEIR) for the project was released in March 2007, and construction is now underway with project completion expected in 2018. The purpose of the Supplemental Environmental Assessment/Initial Study is to analyze potential environmental impacts associated with recently developed project details that do not involve significant changes to the overall design for two elements of the overall project: construction of the stilling basin cofferdam for the auxiliary dam spillway and the Dike 5 construction site access and trail detour. Staff's comments focused on discharges of concrete wash water and discharges of extracted groundwater from dewatering activities, and provided permitting and contact information for these two types of discharge. (ALO)

44. Notice of Land Acquisition for the Habematolel Pomo of Upper Lake Tribe of California to Have Real Property Accepted into Trust by the United States of America, Lake County

On 24 March 2008, Regional Water Board staff provided comments on a Notice of Land Acquisition for the Habematolel Pomo of Upper Lake Tribe of California to Have Real Property Accepted into Trust by the United States of America. The proposed action involves transferring about 11.24 acres of land from private ownership into trust for the Habematolel Pomo of Upper Lake Tribe of California. The land may be developed for a gaming facility. Because the development was not fully described, staff's comments focused on a general discussion of threats to surface and groundwater quality and potential permit requirements. (MES)

45. Notice of Preparation, Pendagio Vineyard Estates Project, Nevada County

On 04 March 2008, Regional Water Board staff provided comments on a Notice of Preparation for a proposed project to incorporate a rural residential subdivision among an existing vineyard. The project also plans for the construction of a winery with a tasting room. The subdivision would consist of 89 single-family homes and a clubhouse with total wastewater flows estimated to be 41,000 gallons per day (gpd), which includes flows from the tasting room. Domestic wastewater would be treated by a tertiary process train and disposed of through subsurface disposal fields. Background ground water quality has been monitored at the disposal field site since October 2006. Winery wastewater would be pretreated to separate solids, which would be hauled away and used as compost. Liquid waste would be further treated in a small activated sludge package treatment plant. Treated water would be blended with raw irrigation water and stored in irrigation ponds. (RTM)

46. Use Permit Application No. 2008-03, Delaney Aggregates, Stanislaus County

On 06 March 2008, Regional Water Board staff provided comments on a Use Permit Application for a proposed project planning a sand and gravel extraction operation. The proposed 36 acre site is adjacent to the Tuolumne River and has a groundwater depth approximately 2 to 10 feet below ground surface. The project involves the excavation of four ponds in four phases sized from 2 to 22 acres and a maximum depth of 40 feet below ground surface. Groundwater from Phase 1 pond (2 acres) will be used for materials washing and dust suppression. During Phase 1 wash water will be recycled through a temporary sedimentation basin. After Phase 1, the Phase 1 pond will be used to recycle wash water and used as the sedimentation basin. (RTM)

SPILLS AND LEAKS

47. Wastewater Spill, Northern California Power Agency, Geothermal Steamfield Federal Lease CA-949 Lake County

On 3 March 2008, Northern California Power Agency (NCPA) reported a spill of secondary treated waste water estimated at approximately 2,100 gallons. The wastewater was from Lake County Sanitation District's Southeast Regional Wastewater Treatment Facility (WWTF) and Middletown WWTF, and from Clear Lake Oaks County Water District's WWTF and is used for reinjection at the geothermal steamfield. The spill resulted from a transmitter tube that had become disconnected from a pressure fitting at the P-site well pad. In addition, the report states that the volume of the spill could have been reduced if the initial low-pressure alarm had been recognized as a possible leak rather than a transmitter failure. The report states that NCPA will provide training to instruct their plant operators to investigate all low-pressure alarms on the effluent and condensate pipes. Regional Water Board staff is evaluating appropriate enforcement actions. (GJC)

48. Geothermal Condensate Spill, Geyser Power Company, Lake County

On 18 March 2008, Geyser Power Company (Discharger) reported a geothermal condensate spill to ground from the well boring of the Negu 8 well as it was being re-drilled. The report states that all but approximately 50 gallons of the condensate was contained on the bermed drill pad. The spill occurred when the muffler drain became plugged with rocks and particulate and at the same time a bridge in the well boring became dislodged. This activity resulted in condensate liquid to flow out of the top of the muffler. Regional Water Board staff is evaluating appropriate enforcement actions. (GJC)

49. Several Raw Sewage Spills from Tuolumne Utilities District Collection System, Tuolumne County

The District reported four collection system spills in February all due to blockages caused by either root intrusion or grease. On 9 February, about 700 gallons spilled and was contained in a dry seasonal surface drainage; the spill was due to root blockage. On 16 February, about 800 gallons spilled over the course of two to three days and infiltrated into soil near the spill site; the spill was due to root blockage. On 22 February, about 150 gallons spilled to a seasonal drainage course that is tributary to a flowing creek; the spill was due to a grease blockage. On 24 February, an estimated 55,000 gallons spilled to a drainage course tributary to Sullivan Creek. The District reported all spills to the Regional Board and County Health, and also reported the third and fourth spill to OES. Regional Board staff is considering enforcement options. (HA)

50. STORM WATER

On March 18 – 20, 2008 an audit team comprised of representatives from US EPA Region 9 and the Regional Water Board, conducted a limited-scope audit of the Municipal Separate Storm Sewer Systems (MS4) programs and implementation of the California General Industrial Storm Water NPDES Permit (General Permit) at the Port of Stockton. The audit consisted of in-office interviews of Port staff regarding MS4 storm water management program implementation and oversight inspections assessing the implementation of MS4 inspection requirements in the field. Individual facilities were also inspected for compliance with the SWPPP development and monitoring program implementation requirements of the General Permit. All 21 regulated individual sites were inspected for compliance with the requirements of the General Industrial Permit. Several additional inspections were conducted of the other 140 Port tenants to determine whether the General Permit applies to these facilities.

EPA will issue an audit report, and in coordination with the Regional Water Board, orders to facilities not in compliance with California's Industrial General Storm Water Permit. The final audit and inspection report will also include recommendations for reducing storm water loadings from the Port.

Ports facilities are highly concentrated industrial areas on major waterways. Ports contain a variety of facilities including container terminals and industries related to the transportation of goods. Many of these industries are subject to storm water requirements. USEPA Region 9 is evaluating stormwater management at various West Coast ports. This effort involves both individual inspections of port tenants and audits of the municipal stormwater programs that oversee the ports and their storm water drainage systems. The goal of USEPA is to improve water quality of our waterways through the use of enforcement actions and by working with states to improve storm water permits for ports. (GKV)

NPDES DISCHARGERS

51. Sewage Spill at Delleker Wastewater Treatment Plant, Plumas County

On 11 February 2008, a grease blockage in the Delleker collection system caused a sewer manhole to overflow and discharge raw wastewater to Humbug Creek. The discharge to the Creek occurred approximately one half mile upstream of the Creek's confluence with the Middle Fork of the Feather River near Portola. The quantity discharged into Humbug Creek was estimated, by the Discharger, at approximately 4,000 gallons. Investigation of this spill revealed that the Discharger has had chronic problems with this section of sewer, and has not reported previous manhole overflows. Regional Water Board staff is in the process of determining appropriate enforcement actions for this spill and past unreported overflows. (RSD)

LAND DISPOSAL

52. Langtry Farms, Limited Liability Company, and Magoon Estates Limited, Class II Surface Impoundment, Guenoc Winery, Lake County

Langtry Farms, Limited Liability Company (facility owner) and Magoon Estates Limited (landowner) (jointly, Discharger) have satisfactorily completed construction of a Class II surface impoundment at the Guenoc Winery, located about two miles southeast of Middletown in Lake County. The Discharger has also fulfilled the financial assurance requirements contained in Title 27. Five unlined ponds were previously used to treat and dispose of winery wastewater. In 2006, the Regional Water Board adopted revised Non-15 waste discharge requirements (WDRs) and a cease and desist order (CDO) for the winery's wastewater operations. The CDO and the WDRs found the wastewater to be a designated waste because of groundwater pollution associated with the unlined ponds. The CDO required submission of a report of waste discharge (RWD) for construction of a Title 27 surface impoundment to replace the unlined ponds. In 2007, the Regional Water Board adopted WDRs to regulate the surface impoundment in accordance with Title 27. Wastewater from the impoundment will be blended with irrigation water to achieve a total dissolved solids concentration of no more than 450 mg/l and used for irrigation under the existing Non-15 WDRs. (MRH)

53. Emergency Waiver for Disaster-Related Wastes

Regional Water Board staff sent out a tentative Conditional Waiver of Waste Discharge Requirements for Disaster-Related Wastes during a State of Emergency within the Central Valley Region for comments on 20 February 2008. If adopted, the conditional waiver would provide a mechanism for management and disposal of emergency/disaster related wastes resulting from fires, floods, storms, earthquakes, and mass mortality of animals. The conditional waiver would become effective when a state of emergency is proclaimed by the Governor, or during an emergency that is exempt from the California Environmental Quality Act. The Conditional Waiver is based on a similar order adopted by the San Diego Region as a Basin Plan amendment. The tentative Conditional Waiver was sent to various State agencies, county environmental health departments, county and city public works departments, agricultural commissioners, landfill owner/operators, industry organizations, and environmental organizations.

The conditional waiver would apply to dischargers who operate landfills that accept emergency/disaster related wastes or animal mass mortality wastes, dischargers operating a temporary waste pile or temporary surface impoundment in a disaster-stricken area, or dischargers constructing an emergency landfill for animal mass mortality wastes within the Central Valley Region. Staff intends to bring the Conditional Waiver before the Board at the June Board meeting following receipt and consideration of comments that were due on 4 April 2008. (WLB)

54. Clean Closure Plan, City of Folsom Corporation Yard Landfill, Sacramento County

In February 2008, the City of Folsom submitted a draft plan for clean closure of the Folsom Corporation Yard Landfill near Lake Natoma and downtown Folsom. The 4-acre closed landfill accepted street cleaning and construction and demolition wastes prior to cessation of operations in 1987. A clay cover was installed on the landfill in 1996 in response to Title 27 requirements and to address impacts to groundwater consisting of elevated salts and metals. The City is proposing clean closure as a corrective action measure to remove the source of groundwater impacts and to eliminate or reduce long term monitoring and maintenance costs. Project construction is expected to begin in mid-summer 2008, and to be completed before the end of the year. Staff has provided comments on the plan and anticipates preparing tentative revised WDRs for the project after the Report of Waste Discharge is finalized in April. Surface drainage at the site is to Lake Natoma, tributary to the Sacramento River. (JDM)

GRANTS AND FUNDING

55. Dairy Grant

Dairy staff participated in the review and selection of 22 projects for funding under the Western United Resource Development, Inc. Water Quality Improvement Project grant. The project includes projects at dairies that benefit water quality. Construction of the projects is expected to begin within the next several weeks. (JMLB)

56. STAFF RECOGNITION

JANUARY 2008 EMPLOYEE OF THE MONTH RECIPIENTS

SACRAMENTO OFFICE

Candidate: MaryAnn Walton

Unit: Administrative Support

Supervisor: Linda Bracamonte

MaryAnn serves as the Sacramento Office receptionist. She is a valued member of the Administrative team. MaryAnn consistently strives to provide a level of customer service that serves as an example for all of us to follow. Her efforts are exhibited with not only our external customers, but with her co-workers as well, as she is always willing to help whenever asked. Regardless of the situation, MaryAnn's ability to remain calm has pulled us through some very stressful times. Whether it is our regular Board meetings welcoming the public, to the juggling of deliveries, file reviews and angry dischargers calling in, MaryAnn manages to juggle all the conditions with grace.

During the holidays, several Administrative staff were out, whether due to winter colds or vacations. MaryAnn showed up for work every day and shared in the extra workload of the Administrative Unit. When all staff was excused early to enjoy the holidays, MaryAnn offered to stay so that others could go. She rarely leaves on time, as you will often find her spending a few minutes wrapping up little details, watering the lobby plants and straightening up the front reception area before she heads home for the evening.

Candidate: Robert Holmes

Unit: Sacramento River Watershed

Supervisor: Karen Larsen

Recently, Robert completed a study he designed to assess the potential impacts of pyrethroid insecticides on urban creeks in the Roseville area. The data indicated that pyrethroid insecticides were present in Roseville stream sediments at concentrations toxic to aquatic insects. Subsequent to this project, Robert proposed to the State Water Board that similar assessments were needed statewide to determine the extent and magnitude of the problem. Based on Robert's recommendation and technical advice, the State Water Board SWAMP launched a statewide monitoring project, which is nearing completion. Robert presented his monitoring results at multiple venues to inform stakeholders, local agencies, and other state agency staff. As a result of Robert's outreach efforts, the Department of Pesticide Regulation initiated the process to re-evaluate the pyrethroid pesticide uses in California.

Robert is well respected in the scientific and stakeholder community. His technical expertise is utilized by staff in multiple Regional Water Board programs. His ability to leverage a small project to achieve region-wide and even statewide results exceeds expectations

Candidate: Paul Sanders

Unit: Enforcement

Supervisor: Joe Mello

Paul started at the Board as a student in 1997 and has been a full-time Engineering Geologist in the Underground Tanks Program since September 1999. During this time, he has been the lead UST caseworker for Placer County cases. He is currently regulating 120 leaking UST cases and has

completed regulatory closure on an additional 103 cases. During February, Paul reviewed more than 70 reports, closed one UST case, issued 18 enforcement letters, and drafted a Cleanup and Abatement Order and three additional case closure reports that are now in review. He has produced an average of more than 20 enforcement letters every month throughout his career and has conducted more than 300 site inspections.

Paul's dedication to his job has resulted in an excellent clean-up rate of UST sites in Placer County. By being proactive and using all the enforcement tools he has at hand, he has been able to successfully advance UST cleanups. He is a person who genuinely cares about the service and product he provides and is a valuable asset to the UST program and the Regional Water Board.

REDDING OFFICE

Candidate: Eric Rapport
Cleanup)

Unit: Groundwater (Tanks, Waste Containment, and Site

Supervisor: Jim Pedri

When Eric began working for the Redding Office in 1999, one of his many assignments was the infamous Dudley Petty truck stop. Over time, Eric evaluated the site and in 2000, assisted the City of Corning with obtaining Cleanup and Abatement account (CAA) funding to provide treatment systems for the polluted drinking water wells and to investigate the pollution source at the truck stop.

Eric's efforts enabled the new owners, North East LLC, to remove the old abandoned Dudley Petty truck stop and create the new Corning Flying J Development (CFJ) in a manner protective of human health and the environment. Eric's technical expertise has recently resulted in resolution of the dispute over the chlorinated solvent source and North East LLC is proceeding with the cleanup.

CFJ has provided the Corning community an additional 100 paying jobs and a tremendous increase in its sales tax income. The City of Corning reports "the gross taxable sales from the businesses located at the South Avenue interchange of Interstate 5, now exceeds \$100,000,000! Most of the sales tax from those taxable sales goes directly to the State General Fund therefore, the City, the County and the State have benefited from the effort."

FRESNO OFFICE

Candidate: Cara Matteson

Unit: Site Cleanup/DOD/Irrigated Lands

Supervisor: Russell W. Walls

Cara demonstrates excellent work habits and effectiveness. She has a positive attitude, is very professional and diligent, and is timely on completing assignments.

Cara's communication skills and effectiveness in dealing with responsible parties has allowed her to convince many of them to sign up for the Site Cleanup Cost Recovery Program who previously had not signed up. She also reviewed numerous work plans, reports, and other technical documents on her site cleanup projects. Her reviews included adequacy of the documents, appropriateness of the work, and comments regarding what additional work should be completed. Cara deserves to be acknowledged for her efforts and is an asset to the Fresno office and to this organization.

FEBRUARY 2008 EMPLOYEE OF THE MONTH RECIPIENTS

SACRAMENTO OFFICE

Candidate: Kathy Harder

Unit: Delta/San Joaquin Permitting

Supervisor: Jim Marshall

Kathy has a strong work ethic, consistently produces quality work, and is an important contributor to the success of the organization. Over the past few months, Kathy has worked hard on developing

controversial and complicated permits for the City of Vacaville and the Ironhouse Sanitary District, which are both currently out for public review and comment and are expected to be heard at the April Board meeting. Kathy is a very thorough permit writer, leaving no stones unturned. She thoroughly investigates all issues to make sure all necessary information is available to make good decisions. She also coordinates well with staff in other sections of our office and our sister agencies. Kathy is always eager to take on new assignments and consistently produces work at a high level. Her strong work ethic and initiative makes her a valuable member of our unit and of the organization.

Candidate: James Barton

Unit: Enforcement Unit

Supervisor: James Munch

Jim's current workload include the direct oversight of 35+ active, ongoing UST Investigation/Remediation cases. In addition, Jim is responsible for the technical oversight, assistance, training, and technical guidance to San Joaquin County Environmental Health Department for their 325+ UST cases. Jim is also responsible for the direct oversight and project management of three sensitive cases that are being funded by the Emergency, Abandoned, Recalcitrant Account (EAR) and the Orphaned Site Cleanup Account (OSCA) Programs) that are funded by the State UST Cleanup Fund. Two of these sites have become very contentious, requiring a considerable amount of staff time due to enforcement, bankruptcy, and appeal issues. In the course of his work, Jim has established formats and protocol for enforcement documents, dealing with bankruptcy cases, and interactions with the State's Cleanup Fund Program and staff of their special program (EAR and OSCA) unit. His efforts have contributed to the ongoing cleanup of the groundwater resources contaminated by UST system releases in the San Joaquin County area.

Candidate: Donna Zupo

Unit: Administrative Support

Supervisor: Linda Bracamonte

Donna has worked in the Administrative Unit for over three years, but has worked for Region 5 for seven years. During this time, Donna has assumed several roles but has settled into the role of Personnel Liaison for our Region. Donna also serves as the lead of our administrative support staff. Donna is reliable, has an outstanding attendance record, and has demonstrated an aptitude towards learning new tasks. She doesn't shy away from taking on new responsibilities.

Donna is being nominated this month not for just one effort, but for her continued efforts in supporting the Administrative Unit, demonstrating flexibility and a positive attitude toward her ever changing work assignments and in serving such a vital role to keep our organization moving forward.

REDDING OFFICE

Candidate: Katie Bowman Unit: Groundwater (Tanks, Waste Containment and Site Cleanup)

Supervisor: Karen Clementsen

The Forest Service, in managing the Shasta Lake National Recreation Area, issues special use permits to persons or entities for 1098 recreational occupancy vessels (houseboats) on Shasta Lake. In September 2001, the Central Valley Board adopted a resolution authorizing the Executive Officer to enter into a memorandum of understanding (MOU) with the Forest Service to eliminate shower, sink, dishwasher, and laundry water (gray water) discharges from houseboats to Shasta Lake in 5 years. The MOU was developed and Katie was assigned responsibility for determining compliance.

Katie coordinated activities with Forest Service staff, attended numerous meetings to provide information about the pending discharge prohibition, assisted houseboat owners, helped develop methodology to determine if houseboats were retrofitted to capture gray water, assisted marina owners in evaluating alternative gray water disposal options, and revised waste discharge requirements for several leachfield expansion projects.

As a result of Katie's efforts, gray water holding tanks are now installed on 1,073 Shasta Lake houseboats (98% of the fleet), effectively ending the 40-year historic discharge. In 2007 alone, about 1.3

million gallons of high strength, high pathogen gray water was removed from Shasta Lake and discharged to alternative disposal sites. Katie's cooperative spirit and concern for water quality make her a true asset to this organization.

FRESNO OFFICE

Candidate: Bridget Supple

Unit: NPDES, Storm Water, and 401 WQC

Supervisor: W. Dale Harvey

Since her appointment in October, 2007, Bridget has hit the ground running and is quickly mastering pertinent Regional and State Board policies and State regulations related to the Storm Water and 401 Certification Programs. To name a few of her accomplishments in January, Bridget:

Transmitted nine Second Notice of Noncompliance (NNC) letters to enrollees under the General Storm Water Industrial Permit that did not submit required annual reports; responded to and inspected two construction sites regarding complaints of illegal discharges into waters of the U.S; reviewed at least 20 Notices of Termination (NOT) regarding discharger requests to terminate coverage under the General Storm Water Construction Permit and transmitted at least 20 NOT approval letters; inspected 14 industrial and construction storm water sites and drafted transmittal letters and met with the City of Madera to discuss storm water MS4 permitting, implementation, and compliance issues.

Bridget thoroughly researches facility files, pertinent technical guidance, and governing regulations and policies. Her work is thorough and well written. She consistently helps maintain the unit and organization production and provides good customer service.

57. SUPERIOR ACCOMPLISHMENT AWARD

At the March 14 Board meeting, the following employees from the Redding, Sacramento and Fresno offices were presented with the Superior accomplishment awards.

Redding Office

Candidate: Greg Cash

UNIT: NPDES, Non-15, CIWQS

Supervisor: Jim Pedri

Greg is receiving the Superior Accomplishment Award for his work on the General Order for Sanitary Sewer Overflows (SSO) General Permit Program.

When this program began, Greg took the initiative to become familiar with the order and attended training classes that were developed for the dischargers. He also provided in-house training for the Redding Office staff on what was required in the General Order. Greg has been a great resource to the Redding Office staff and the dischargers. He assists dischargers in obtaining their passwords and user ids, and provides information on training and how to enter information into the CIWQS database. Since this order was rolled out sequentially throughout the State, there was an observed 80% non-compliance rate in other regions. Greg's notification efforts to the Redding area dischargers resulted in virtually full compliance with the new regulations.

Additionally, Greg's ability to conduct difficult facility inspections has earned him recognition by the State Water Board's Compliance and Enforcement Unit. He has been interviewed for inclusion as a "Super Inspector" in the unit's proposed elite inspector designation.

Sacramento Office

Candidate: James Taylor

UNIT: Federal Facilities Cleanup Unit

Supervisor: Robert Busby

James is receiving the Superior Accomplishment Award due to his outstanding work as the project manager and as a key contributor for the McClellan Air Force Base completion of the early transfer with privatized cleanup agreement – the first in the nation for a federal superfund site. Both the U.S. EPA and the Governor’s Office approved the early transfer as being suitable and protective of human health and the environment. A signing ceremony was held to celebrate the completion of highly complex and intricate negotiations, spanning a four year period. His strong technical oversight and communication skills allowed him to successfully navigate through two years of formal dispute with the Air Force to ensure that the Final Base-wide Volatile Organic Compound Groundwater Record of Decision (ROD) for McClelland AFB was fully protective of groundwater. The ROD represented a major milestone in the cleanup of the former Air Base.

In addition to his oversight work at McClellan AFB, James has exceeded his job requirements by actively contributing to and participating in the development and testing of new technologies. At the 50th Anniversary Annual Meeting of the Association of Environmental & Engineering Geologists this past September, James presented “Protocols for Use of Five Passive Samplers to Sample for a Variety of Contaminants in Groundwater”. He is a member of the Passive Sampler Team of the Interstate Technology & Regulatory Council, with is a state-led coalition working together with industry and stakeholders to achieve regulatory acceptance of environmental technologies.

Fresno Office

Candidate: Jeff Hannel

UNIT: Underground Tanks

Supervisor: John Noonan

Jeff is being honored with the Superior Accomplishment Award due to his outstanding performance in the Underground Tank Unit of the Fresno Office.

Jeff has an exceptional work ethic that has served him and the Regional Water Board very well. Between October 1, 2007 and December 31, 2007, Jeff took on a significant enforcement effort that resulted in the issuing of six Cleanup and Abatement Orders (CAOs). Jeff does an excellent job of getting sites investigated, cleaned up, and closed. He quickly identifies what needs to be done and how to get it done in a time and cost effective way. Jeff uses a proactive approach on getting work projects on track and moving. He consistently produces high quality work products and is always willing to take on new tasks. His consistent efforts have led the way in streamlining the enforcement process in the UGT Unit in Fresno.

Pamela C. Creedon
Executive Officer
24/25 April 2008

Addenda that follow:

Personnel and Administration
Public Outreach
Completed Site Cleanups (UST)
Irrigated Lands Conditional Waiver Program Report
Future Board Activities

Attachments:

1. Summary Report
2. Line Item Report
3. Fund Report
- 4.
- 5.

**EXECUTIVE OFFICERS REPORT
PERSONNEL AND ADMINISTRATION
April 2008**

PERSONNEL

TOTAL POSITIONS	VACANCIES	GAINED	LOST
266.9	29.7	3	0

GAINS:

Conny Mitterhofer, WRC Engr
Alisha Wenzel, Env Scientist
Michael Hoffman, AGPA

RETURN FROM LOA:

Melissa Morris, Env Scientist

LEAVE OF ABSENCE :

Lori Webber, Env Scientist

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 (2/21/08 – 3/31/08)

COURSE NAME	DATE	ATTENDEES
P3S 2008 Conference	02/25/2008	1
CW & EMF Annual Meeting/Conference	02/26/2008	1
Defensive Drivers Training	02/27/2008	1
IEP Workshop	02/27/2008	1
Making the Transition to Supervisor	02/27/2008	6
Progressive Discipline Process	02/27/2008	65
Interagency Ecological Program Workshop	02/28/2008	1
Intermountain Forest Roads	02/28/2008	1
Progressive Discipline Process	02/28/2008	6
Field Safety Training	02/29/2008	1
New Employee Orientation	03/03/2008	1
False Statement Crimes & Records Falsifications	03/04/2008	17
Man. Env Data w/ MS Access	03/05/2008	1
Salmonid Restoration Conference	03/05/2008	1
CEQA Training	03/06/2008	3
CLFA Licensed Foresters Association	03/06/2008	1
Hydrologically Invisible Workshop	03/06/2008	1
Field Safety Training	03/07/2008	23
Project Management	03/07/2008	1
Time Management	03/07/2008	29
Soils, Sediments and Water	03/10/2008	1
Lifting Safety Awareness	03/11/2008	3
CEQA Training	03/12/2008	7
Defensive Drivers Training	03/12/2008	1
Conjunctive Use of Groundwater & Surface Water	03/14/2008	1
Soil gas advisory forum	03/14/2008	10
Fundamentals of Containment Chemistry	03/18/2008	2

Lifting Safety Awareness	03/18/2008	2
Fundamentals of Containment Chemistry	03/19/2008	1
CEQA for Certified Regulatory Programs Training	03/21/2008	1
Delta Nutrient WQ Problems	03/25/2008	7
Liners & Covers for Ag Waste Storage	03/25/2008	4
Modern Approaches & Technologies for Subsurface	03/25/2008	1
Overview of Delta Nutrient WQ Problems	03/25/2008	2
Pesticide/Wildlife Incident Response WQ2003	03/25/2008	1
Making the Transition to Supervisor	03/26/2008	2
Risk Assessment for Env Division	03/26/2008	1
Salinity/Drainage Annual Meeting & DWR Reports	03/26/2008	1
Intro to Aquatic Toxicology	03/27/2008	5
Making the Transition to Supervisor	03/28/2008	1

PUBLIC OUTREACH

On 14 February, Margie Read, Chris Jimmerson, John Swanson, and Jodi Pontureri attended the Irrigated Lands Regulatory Program (ILRP) Technical Issues Committee (TIC) meeting. This TIC meeting acknowledged the TIC accomplishments and framed the status of the ILRP and other agriculture-related programs. The meeting is open to all interested parties.

On 15 February, Stacy Gotham and Debra Hallis represented the Central Valley Regional Water Quality Control Board at the Humboldt State University Career Fair.

On 20 February 2008, Lisa Wilson attended a growers meeting in Winters, California. The meeting was conducted by the Yolo County Resource Conservation District and fulfilled a requirement of the Proposition 50 water quality grant. The meeting discussed and demonstrated the benefits of sediment traps, vegetated agricultural drainage ditches, and cover crops for water quality.

On 21 February, Karen Larsen, Rudy Schnagl, Jerry Bruns, and Joe Karkoski briefed representatives of the California Department of Food and Agriculture and the Department of Pesticide Regulation on the Regional Water Board's actions to protect beneficial uses of the Sacramento-San Joaquin Delta.

On 21 February, Jodi Pontureri and Margie Read met with the CA Land Stewardship Institute to bring the Fish Friendly Farming (FFF) Environmental Certification Program to Sacramento Valley Water Quality Coalition members in El Dorado County. Shelley Janek of the El Dorado County RCD / El Dorado County Agricultural Watershed Group (ECAWG, a subwatershed group in the Sacramento Valley Coalition) also attended, in an effort to address the Management Plan for Coon Hollow Creek and the ILRP in general. FFF has worked with the Regional Board in the Napa area to certify enrolled parcels' Conservation Plans, and the ECAWG would like to initiate the same process in El Dorado County.

On 21 February, Diane Beaulaurier attended the San Joaquin River Dissolved Oxygen TMDL Working Group Meeting in Sacramento.

On 25 February and 25 March, Drew Coe participated in the Board of Forestry's Monitoring and Tracking Subcommittee. Mr. Coe developed the "Monitoring Evaluation Form" questionnaire to inquire into the status, success, and data availability of water quality monitoring in managed forested watersheds of California.

On 26 February, Karen Larsen and Holly Grover met with the Central Valley Drinking Water Policy Workgroup that is continuing technical work to support improving policies for protecting drinking water sources in the Central Valley.

On 27 February, Guy Chetelat attended the monthly Butte County RCD meeting in Oroville.

On 29 February, Karen Larsen, Joe Karkoski, and Jerry Bruns met with representatives of the Delta and San Joaquin Water Quality Coalitions and Reclamation Districts to discuss monitoring studies the Regional Water Board is conducting to characterize discharges from Delta Islands.

On 1 March, Guy Chetelat participated in a horse-keeping and water-quality protection workshop hosted by Tehama County RCD in Red Bluff.

On 3 March, Karen Larsen and Robert Holmes participated in a conference call with members of the Sacramento River Watershed Program and the Central Valley Clean Water Association to provide an update on the development of the Delta Strategic Work Plan, and discuss the preliminary vision for developing a Regional Monitoring and Assessment Program for the Delta.

On 3 March Pamela Creedon video-taped introductory remarks for the next CDQAP Educational series for existing dairies

On 4 March Pamela Creedon and Karl Longley attended a meeting with Senator Feinstein, her staff, Art Baggett with the State Board, Lester Snow, representatives from the Bureau, Fish and Wildlife Service, USGS, representatives from Westlands Water District and other officials and staff in Washington D.C. to discuss ongoing efforts toward the Bureau/Westlands agreement.

On 4 March, Dennis Heiman attended the monthly Management Committee meeting of the Feather River Coordinated Resource Management Program (22 member alliance of local, state, and federal agencies and other stakeholders working for protection/enhancement of the upper Feather River watershed).

On 4 March, Chris Foe, Karen Larsen, Stephanie Fong briefed representatives from Sacramento Regional County Sanitation District on studies that Regional Board staff will be initiating this year. The studies will focus on the potential impacts of ammonia sources on Delta species.

On 5 March, Joe Karkoski, Russell Walls, and Alan Cregan participated in a meeting in Fresno with Gita Kapahi (State Board), Board Member Sandra O. Meraz, and members of the Community Water Center (Laurel Firestone, Susana De Anda, and Maria Herrera). Topics discussed included: problems in communicating issues to rural communities; timely and effective translation services; the need for remote sites and equipment to allow for Board meeting participation; and the need for regular interaction with Regional Water Board staff.

On 5 March, Karen Larsen led a public meeting to obtain stakeholder input on the actions the Regional Water Board proposes to take to protect beneficial uses in the Sacramento-San Joaquin Delta. Over 60 stakeholders attended the meeting.

In early March, Timber Harvest staff presented a discussion on the Timber Harvest Waiver and MRP to 200+ attendees at the California Licensed Foresters Association yearly conference.

On 5 March, Dennis Heiman met with the Sierra Valley Resource Conservation District and later attended a community workshop to discuss Sierra Valley resource management issues (including the Regional Board's ILRP).

On 6 March, Drew Coe coauthored a talk and paper titled "Monitoring Erosion Related to Timber Operations: What Works and What Doesn't" presented at the California Licensed Forester's Association "Hydrologically Invisible" conference in Sacramento.

On 7 March, Dennis Heiman and Guy Chetelat participated in the public workshop in Redding put on by Dept. of Conservation staff and advisory committee members to discuss development of a CA State Watershed Program.

On 7 March, Stephanie Fong met with the South Fork American River (SFAR) Watershed Coordinator to develop a monitoring plan for the 2008 recreation season. The SFAR watershed group is working with the El Dorado Irrigation District to study the effects of recreation in the watershed.

On 10 March, Bill Templin attended a stakeholder workshop held by US Bureau of Reclamation and Department of Water Resources on the Delta-Mendota Canal Recirculation Feasibility Study.

On 10 March, Margie Read was given a tour of the Pit River watershed area, which is part of the Sacramento Valley Water Quality Coalition area. The tour was provided by Helen Stroud, Craig MacArthur, and Henry Giacomini of the Northeastern California Water Association (NECWA).

On 11 March, Margie Read and Dennis Heiman gave presentations at the 5th Annual General Membership Meeting for NECWA. Ms. Read spoke regarding the monitoring program for the ILRP, and the development of management plans, and Dennis Heiman discussed management practices for Pit River area.

On 11 March, Dennis Heiman participated in a meeting and panel discussion in Bieber (Pit River watershed) put on by the Northeastern CA Water Association which focused on the Regional Board's ILRP.

On 11 March, Bill Templin attended the Department of Water Resources California Water Plan (Bulletin 160), Update 2009 San Joaquin/Tulare Lake Regional Workshop in Friant.

On 12 March Pamela Creedon and Karl Longley met with representatives of the CA Citrus Mutual organization to discuss the irrigated lands program and the salinity management policy.

On 12 March, Alexander MacDonald was one of three presenters at a Town Hall meeting hosted by Carmichael Water District in the community of Carmichael. The purpose of the meeting was to update the community regarding the progress Aerojet was making in constructing and operating groundwater extraction and treatment systems north of the American River in Carmichael. The community was also provided with the most recent information on the extent of the contamination in the Western Groundwater Operable Unit and implementation of the remedy for that operable unit on the south side of the American River. (AMM)

On 12 March Pamela Creedon and Karl Longley met with Assemblyman Mike Villines to discuss water quality issues in the Central Valley, the irrigated lands program and the salinity management policy development efforts.

On 13 March Pamela Creedon, Loren Harlow and Dale Harvey met with representatives of UC Merced to discuss the project, wetlands and 401 certification activities.

On 13 March, Betty Yee attended one of the public outreach meetings for the development of a statewide watershed program in Woodland. The purpose of the meeting was to solicit ideas on how a statewide watershed program could help locally led watershed management efforts while providing value to the State.

On 13 March, Dennis Heiman met with the Goose Lake Resource Conservation District and the Goose Lake Ag Waiver Coalition to discuss past and future work activities related to the ILRP.

On 13 March, Drew Coe attended the Desabla-Centerville PG&E relicensing meeting in Chico to discuss water quality improvements to their network of access roads.

On 14 March, Stephanie Fong attended a meeting of Sacramento River Watershed Program (SRWP) stakeholders to discuss their Proposition 40 Integrated Regional Watershed Management Program grant. The grantee will develop a road map for the future of SRWP.

In mid March, Timber Harvest staff participated in an Interagency Workshop for watercourse crossings put on for 60 foresters/landowners. Two more of these workshops are planned based on the level of interest, one in Willits (May 2008) and one in Santa Cruz (June 2008).

On 18 March, Dennis Heiman attended the quarterly meeting of the Pit River Alliance to review status of the development of a Pit River Watershed Management Plan.

On 18 March, Petra Lee attended a meeting of the Urban Pesticide Committee (UPC) in Oakland. The UPC discussed development of analytical methods for pyrethroids and the Department of Pesticide Regulation's ongoing pyrethroid re-evaluation.

On 19 March, Greg Cash was a guest speaker at the Northern Sacramento Valley Section of the California Waster Environmental Association, held in Oroville, CA. Mr. Cash's presentation was titled "Fundamentals of a Regional Water Quality Control Board Staff Inspection ". The presentation was requested by a member of Northern Sacramento Valley Section to provide an overview of a Regional Board staff inspection of a wastewater treatment plant. The essential components of a USEPA NPDES Compliance Inspection were provided to the Section Members. Approximately 50 Section Members were on hand for the presentation.

On 19 March, Stephanie Fong met with representative from the Interagency Ecological Program, National Center for Ecological Analysis and Synthesis, and UC Davis to discuss data compilation, sharing, and assessment.

On 19 March, Robert Holmes met with the Sacramento River Watershed Program (SRWP) Monitoring Subcommittee. Recent monitoring data were presented and discussed. Robert provided an update on Regional Water Board staff's activities to develop a Regional Monitoring and Assessment Program for the Delta.

On 19 March, Diane Beaulaurier attended a field day at an almond orchard in Arbuckle as part of an Agricultural Water Quality grant with the Community Alliance with Family Farmers. The grant promotes installation of BMPs to reduce sediment and pesticides in almond orchard runoff. The grower was assisted by high school students from the SLEWS Program (Student and Landowner Education and Watershed Stewardship), in planting hedgerows, and installing a drip irrigation system.

On 20 March Pamela Creedon gave a presentation to the Sacramento County Tax Payer League's Board of Directors on the water quality issues of the Central Valley and how future regulations could impact local communities.

On 20 March 2008 Robert Reeves participated in the Restoration Advisory Board Meeting for Beale Air Force Base. The Air Force presented information to the group regarding the status of the environmental cleanup program. The Air Force provided a summary of planned investigations and site remedial action activities for 2008. (RRR)

On 24 March Pamela Creedon and Karl Longley met with Rob Roscoe of the Suburban Water District to discuss water recycling and recharge activities and concerns.

On 25 March, Chris Foe, Stephanie Fong, and Karen Larsen attended the California Water and Environmental Modeling Forum's Delta nutrient workshop. Karen Larsen presented the Regional Water Board work to improve policies for protecting sources of drinking water.

On 25 March, Margie Read gave a brief presentation on Irrigated Lands Regulatory Program monitoring at the 'Delta Nutrient Water Quality Modeling Workshop' held in Sacramento at the Secretary of State Building.

Regional Water Board staff presented an update on the investigation and remediation efforts by Aerojet and the regulatory community at the 23 January 2008 and 26 March 2008 meetings of the Aerojet Community Advisory Group (CAG). The update highlighted the construction and operation of several groundwater extraction and treatment systems on and off Aerojet property, the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. The CAG meets every two months in the Rancho Cordova community. (AMM)

On 26 March, Rudy Schnagl, Amanda Montgomery and Bill Templin attended the UC Center for Water Resources 2008 Salinity Drainage Conference in Sacramento. Rudy Schnagl gave a presentation on Basin Planning and salinity.

On 27 March Pamela Creedon and Karl Longley attended the Little Hoover Commission hearing. Karl Longley presented at the hearing.

On 27 March Pamela Creedon met with Joe Grindstaff, Director of CalFed, John McCamman, Acting Director of DFG and Carl Wilcox of DFG, to discuss projects in the Delta.

On 27 March, Karen Larsen and Holly Grover met with the Central Valley Drinking Water Policy Workgroup at their regular monthly meeting.

On 27 March, Betty Yee attended the regional outreach meeting for development of the Sacramento-San Joaquin Delta Regional Report for the California Water Plan in Courtland. The purpose of the meeting was to identify any regional issues and concerns that ought to be identified in the report as well as any strategies to improve water supply for the Delta Region.

On March 29, Wendy Cohen, Amy Terrell, and Ann Hopkinson participated in the Young Engineers Session, sponsored by the Society of Women Engineers and the Girl Scouts for middle school age girls. Part of the Girl Scouts' Innovation and Inquiry Program, the all-day event was aimed at introducing girls to

various fields of engineering and encouraging them to continue with their math and science classes, so they will have the opportunity to enter such a field. Wendy and Amy led an energy module, one of four 45-minute modules, which were repeated four times. In this module, the girls determined the power demand of various home cooling devices, figured out how much power solar panels could generate, compared the cost of solar power to the cost of PG&E power, and discussed the pros and cons of solar power versus PG&E power. Ann co-led a module using a 3-dimensional interactive watershed model to illustrate sources and control of stormwater pollutants.

On 1 April, Rudy Schnagl, Jeanne Chilcott, Tori Westman and Alisha Wenzel attended the North Bay Selenium TMDL Stakeholder Advisory Committee meeting in Oakland. Rudy and Jeanne presented a summary of selenium control efforts in the Central Valley, including the background and history, project performance to date, and future activities.

Dairy program staff attended all 22 training classes put on by the California Dairy Quality Assurance Program at 10 sites throughout the region. The classes were offered for dairy operators and focused on the steps that had to be taken to comply with the General Order requirements that take effect between 1 January 2008 and 1 July 2008.

On 2 April, Rudy Schnagl participated on a panel during an informational hearing held by the Assembly Committee on Agriculture. The subject of the hearing was "Green Agriculture: addressing regulatory challenges" and the panel members were asked to address what is needed to make biofuels and bioenergy a viable alternative in California. Information presented by Mr. Schnagl focused on how the Board is working with dairies interested in installing methane digesters and the fact that the Board is working with other agencies and industry to develop an Environmental Impact Report that would allow adoption of a General Order for future digester projects.

On 2 April, Betty Yee attended the regional outreach meeting for development of the Sacramento River Regional Report for the California Water Plan in Yuba City. The purpose of the meeting was to identify any regional issues and concerns that ought to be identified in the report as well as any strategies to improve water supply for the Sacramento Region.

On 3 April, Phil Woodward presented a talk to Leadership Redding-a local civic organization providing training and information on the roles of the various agencies and levels of government in Shasta County, explaining the mission and duties of the Regional Water Board.

On 4 April Pamela Creedon was keynote speaker at the Manufacturers Council of the Central Valley meeting held in Modesto.

On 9 April, Dennis Heiman attended a meeting of the Almanor Basin Watershed Advisory Council (appointed by Plumas Co. Bd. of Supervisors to advise on management issues for Lake Almanor and the surrounding watershed).

On 9 April, Guy Chetelat participated in the Churn and Stillwater Creeks Alliance meeting in Redding concerning further development of the Watershed Action Plan funded by prop 40 and managed by Regional Board staff.

On 10 April, Dennis Heiman attended the monthly Bd. of Directors meeting of the Cow Creek Watershed Management Group.

On April 10, Pamela Creedon, Rudy Schnagl, Anthony Toto and Dr. Longley attended the CV Salts public workshop held in Tulare, California. Ms. Creedon and Dr. Longley presented at the event. This was the first of the two workshops to inform the public and interested parties regarding the Board's efforts to develop a Salt Management Policy.

On 16 April, Dennis Heiman met with Regional Board ILRP staff and representatives of the Pit River, Goose Lake, and Upper Feather Ag Waiver program coalitions/sub-coalitions for a focused discussion of the ILRP and upper watershed agriculture operations.

COMPLETED SITE CLEANUPS

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.

FRESNO OFFICE**Fresno County****Davis Drier and Elevator, 9421 Dos Palos, Firebaugh**

Two USTs were removed from the site in the mid-1980's by the property owner without regulatory oversight. Fresno County required soil samples be obtained from beneath the former UST locations in 1995, which contained moderate concentrations of TPHd. About 450 cubic yards of impacted soil were excavated during May 1995. Confirmation soil samples obtained from the bottom and sides of the excavation contained trace concentrations. The excavation was backfilled and a temporary well installed to a depth of 17 feet through the center of the excavation. A groundwater sample was obtained and submitted for laboratory analysis and non-detect for all petroleum hydrocarbons constituents analyzed for. The site was closed on 13 February 2008. (JWH)

Jiffy Food E-Z Serve, 702 East Elm Street, Coalinga

Two 10,000-gallon gasoline USTs and dispensers were removed from the site during January 1990. Six soil samples were collected during the removals. One soil sample contained TPHg of 110 mg/kg, benzene of 1.1 mg/kg, toluene of 2.0 mg/kg, and xylenes of 15.7 mg/kg. One other of the samples contained TPHg of 3.6 mg/kg. No other petroleum hydrocarbons were detected in any of the remaining sample locations. The site is an operating convenience store, which dispenses gasoline. Depth to groundwater is estimated to be in excess of 300 feet. The site was closed on 3 March 2008. (JWH)

Old Market, 2077 Park Avenue, Selma

One 500-gallon and one 1,000-gallon gasoline UST were removed from the site in August 1986. Field notes prepared by Fresno County staff indicate that the USTs were in good condition and the presence of contamination in the UST excavations was noted to be "unknown". However, field screening performed by Fresno County staff indicated the presence of gasoline in a soil sample collected at a depth of 6 feet. The PID reading was not quantified. A test trench was excavated to a depth of 8 feet during January 2008. Soil samples were obtained at the bottom of the trench and at a depth of three feet beneath the former dispenser. The product piping was present in the trench. No soil staining was present in the excavation. The soil sample collected beneath the dispenser did not contain petroleum hydrocarbons. The soil sample collected at a depth of 8 feet from the trench had a faint odor and contained toluene at 0.0013 mg/kg. The site was closed as low risk on 28 February 2008. (JWH)

Ron Lee's Union 76, 485 West Elm Avenue, Coalinga - The site is an active bulk fuel facility

One 8,000-gallon gasoline UST was removed from the site during April 1988. TPHg was as high as 3.2 mg/kg in soil samples collected beneath the USTs. Three 5,000-gallon gasoline and one 5,000 gallon diesel USTs were removed from the site during April 1992. TPHd was detected as high as 4 mg/kg and TPHg was detected in two samples at 120 mg/kg and 4 mg/kg. Benzene was detected at 0.84 mg/kg and 0.029 mg/kg. Depth to groundwater is estimated to be in excess of 300 feet and of poor quality. The site was closed as low risk on 5 March 2008. (JWH)

Unocal Service Station #31158, 5790 North Fresno Street, Fresno

The subject site is currently and historically a service station with retail motor fuel sales. TPHg, toluene, ethylbenzene, xylenes, and MTBE were detected in a sample collected beneath a dispenser during October 1997 UST system removals. TPHg and BTEX were not detected in a boring drilled next to the

dispenser during July 2000. MTBE was detected in one sample from the boring at 0.2 mg/kg. The case was referred to the Regional Board during November 2007 when the local agency discontinued LUST oversight. Gasoline constituents remaining in soil are unlikely to pose a health risk or degrade groundwater quality. The site was closed as low risk on 5 March 2008. (JDW)

Kings County

Wilson Grove, Scranton Avenue and Crestview Street, Porterville

The subject site is within an existing orange grove. TPHg, BTEX, and MTBE were detected beneath a 550-gallon gasoline UST used to fuel a wind machine during September 2006, prior to UST removal. Additional investigation defined 400 cubic yards of impacted soil and approximately 150 cubic yards of the most contaminated soil was excavated and spread for aeration on-site during November 2007. TPHg and MTBE up to 51 and 26 mg/kg, respectively were detected in confirmation samples from the excavation floor and sidewalls. Following aeration, gasoline constituent concentrations below San Francisco Bay Regional Water Board Environmental Screening Levels (ESLs) were detected in the spread soil, which was ultimately used as roadbed material. MTBE and toluene concentrations below residential or commercial California Human Health Screening Levels (CHHSLs) or ESLs were detected in soil vapor samples collected during December 2007. Remaining gasoline constituents in soil are expected to naturally degrade and are unlikely to threaten human health or the environment. The site was closed as low risk on 12 March 2008. (JDW)

REDDING OFFICE

Butte County

Honcut Store, 1364 Lower Honcut Road, Oroville

In September 1999, a 1,000 gallon and 500 gallon gasoline underground storage tank were removed from the site. From 2000 to 2003, various investigations were conducted to characterize the site. Approximately 65 cubic yards of contaminated soil was excavated and transported to an off-site facility in 2001. An air sparge/soil vapor extraction remediation system was started in August 2005. The system operated until contaminant concentrations reduced to negligible levels. During the last quarter of monitoring, no petroleum hydrocarbons were detected in groundwater samples. This site no longer threatens beneficial uses of groundwater or poses a human health risk. A no further action letter was issued on 6 March 2008. (RDJ)

SACRAMENTO OFFICE

Glenn County

Shell Branded Station, 1300 West Wood Street, Willows - As the result of a potential property transaction, a limited subsurface investigation was conducted. Minimal petroleum hydrocarbons were identified in soil and groundwater. Soil borings and monitoring wells (7) were installed to delineate and monitor the minimal contamination from 1994 - 2006. Natural attenuation was adequate to meet protective criteria. The wells were abandoned in January 2008. Groundwater monitoring has show that the site no longer poses a threat to human health and safety or to water quality. No soil or groundwater residual concentrations exceed human health protective screening criteria or threaten water quality. (JIM)

Nevada County

Durham School Service, 10701 East Bennett Road, Grass Valley - In September 2006, two dispensers were removed from the site and a 12,000-gallon diesel underground storage tank (UST) was unearthed and closed in-place. Total Petroleum Hydrocarbons as Diesel (TPH-d) and total lead were detected in soil samples from the dispenser and UST excavation. Soil with the highest TPH-d concentration was removed during over excavation activities. A grab groundwater sample was collected from a boring drilled 11.5 feet downgradient of the UST and analyzed for the petroleum constituents TPH-d, BTEX, fuel oxygenates, and semi-volatile compounds. In August 2007, a grab groundwater sample was collected from an angle boring advanced beneath the UST and analyzed for total lead, which was non-detect. Because of their distance and the absence of constituents in the downgradient grab groundwater sample, no identified wells in the area are threatened by the UST release. The remaining TPH-d and lead, which are below environmental screening levels and target risk limits for direct exposure and vapor intrusion, do not pose a threat to human health or safety or groundwater beneficial uses. (MTS)

Placer County

Former Beacon #3687, 1110 High Street, Auburn - In June 1991 the site's UST system including three 10,000 gallon USTs, were excavated and removed from the site along with approximately 745 cubic yards of impacted soil. Remedial efforts including excavation, groundwater extraction, and natural attenuation have reduced hydrocarbon concentrations. Historical sampling results indicate that constituent concentrations have decreased with time, and that the residual mass is limited in its extent, has not traveled any significant distance, and is likely to degrade in place by this year without further impacting waters of the state. A Tier 2 risk assessment indicates that the residual mass will not pose a risk to human health under the site's continued use as a retail fuel station. No supply wells were located within 2,000 feet of the site, the closest surface water body is located 1,600 feet away, and no analyzed constituents were ever detected in either of the site's two most downgradient wells. Therefore, the minimal residual hydrocarbons do not justify the cost of any additional active remediation or monitoring and we concur with the discharger's request for site closure. (PRS)

Yolo County

Former Spreckels Sugar Facility, 40600 County Road 18C, Woodland - In August 1987 a 1,000-gallon underground storage tank (UST), that was reportedly used to dispense gasoline, was removed along with two cubic yards of contaminated soil. The UST was located at a former sugar processing plant. Analysis of soil samples from the former UST pit showed up to 22 milligrams per kilogram (mg/kg) of total petroleum hydrocarbons as diesel (TPHd), and diesel and gasoline hydrocarbons in groundwater beneath the UST. Petroleum hydrocarbons were not detected in soil 10 to 55 feet below ground surface at borings beyond the UST. Three monitoring wells were installed in 2004, and after June 2005 weathered TPHd was the only constituent of concern detected in groundwater at one monitoring well. Remediation of groundwater consisted of purging approximately 210 gallons of groundwater from the monitoring wells. TPHd in groundwater was defined and in 2007 the concentration of diesel in the one well was non-detect. This site does not pose a threat to groundwater or human health. Following monitoring well destruction a no further action required letter was issued 25 February 2008. (DFS)

Local Agency UST Closures with Concurrence of Board Staff Review San Joaquin County

Chevron Station #9-1848, 1257 West Yosemite Avenue, Manteca

Stanislaus County

Circle K #1940, 1600 Main St, Turlock

Local Agency UST Closures Independent of Board Staff Review

Long-term Program / Environmental Impact Report (EIR)

A series of public workshops were held to gather stakeholder input related to the development of the long-term Irrigated Lands Regulatory Program. The workshops were held in Tulare, Modesto, Sacramento, and Durham. Based on available regulatory tools and stakeholder comments, Regional Water Board staff will prepare the program alternatives to be evaluated in the EIR. The Regional Water Board's contractor, Jones and Stokes Associates (JSA) is continuing to update the surface and ground water quality data in the Existing Conditions Report (ECR). In addition, JSA is updating the management practices section of the ECR. Information gaps that were identified during the public comment period on the ECR are being addressed.

Enforcement**California Water Code section 13267 Orders**

A list of non-complying landowners with the largest land area in the San Joaquin-Sacramento Delta has been developed and double checked against Coalition Group records. The landowners on this list will be issued California Water Code section 13267 Orders during the week of March 31, and starting the week of April 7 staff will be issuing Orders weekly.

Staff has identified landowners who have submitted Technical Reports stating they have joined a Coalition Group but potentially have not, as well as landowners who have failed to pay fees to renew their memberships. Further investigation and coordination with Coalition Groups is occurring to verify membership status of these landowners before taking enforcement steps.

Discharges

On 20 February, Chris Jimmerson continued his testimony at a Contra Costa Agricultural Commissioner hearing concerning the September 2007 Marsh Creek fish-kill. The hearing is in response to a Contra Costa Agricultural Commissioner Notice of Proposed Action against the East Contra Costa Irrigation District. The Commissioner proposes a fine of \$1,000 for an alleged herbicide discharge.

Applications for Regional Water Board Approval to Join Coalition Groups

As of 19 March 2008, 245 applications had been submitted to the Regional Water Board, encompassing over 57,000 acres of land. One hundred and four applications have been processed to date. Staff is working with applicants to obtain complete information, evaluate the applications and prepare recommendations for the Executive Officer. The Executive Officer must approve all applications to join a Coalition Group.

Staff recommendations will be presented to the Regional Water Board at its 24/25 April 2008 meeting regarding the conditions under which landowners can be approved to join Coalition Groups. Elements of the California Water Code section 13267 Orders and the application process are interrelated, which will be discussed, along with program resource implications and potential approaches for addressing impacts. Current applicants were sent a letter on 17 March 2008, informing them of the Board Meeting and staff recommendations for modifying the conditions under which landowners may be approved to join Coalition Groups.

Recommendations for Fee Modifications

Staff has conducted an analysis of staff time spent overseeing Irrigation Districts, Dischargers under the Individual Waiver and processing applications to join Coalition Groups. Recommendations for modifications to the current fees charged were drafted and submitted to State Water Board staff for review.

Memorandum of Understanding (MOU) with Butte and Glenn Counties

The 2007 Annual Report for the MOU Pilot Program has been posted on the ILRP website. This report contains a summary of the work performed in 2007. The contracts to continue the MOU Pilot Program were signed by the Agricultural Commissioners of Butte and Glenn Counties and will extend the pilot program from 1 April 2008 to 31 March 2009. On 15 February, Margaret Wong and Margie Read participated in a meeting in Willows with Butte and Glenn Counties to review recent accomplishments under the MOU.

UC Davis Monitoring

Researchers at UC Davis are now preparing the draft summary report for all sampling conducted under this contract. The summary will be submitted by UC Davis to staff for review in June 2008, and will subsequently be finalized and posted on the program website.

Coalition Groups

California Rice Commission

Regional Water Board staff and California Rice Commission (CRC) representatives have been meeting to finalize a Management Plan for exceedances of algae toxicity. On 12 March CRC submitted a revised Algae Aquatic Toxicity Management Plan that was largely acceptable. Remaining documentation includes quality control data for performance-based analytical methods.

East San Joaquin Water Quality Coalition

The East San Joaquin Water Quality Coalition (ESJWQC) submitted its semi-annual monitoring report (SAMR) on 14 January 2008. Staff will be reviewing the SAMR, although priority is being given to the Management Plan and MRP Plan preparation at this time.

The ESJWQC has been meeting with staff to develop management plans that will address exceedances. Meetings have included reconciliation of the exceedances that have occurred in comparison with Regional Board records, and also in the establishment of priorities for Management Plan activities. Since the Management Plan is incorporated into the ESJWQC's pending MRP Plan revisions, staff and the ESJWQC is working on the final Management Plan and the MRP Plan simultaneously.

On 29 February 2008, Susan Fregien, Dania Huggins, and Lisa Wilson participated in a growers meeting in Winton, California. The meeting was directed by the East San Joaquin Water Quality Coalition Group in response to toxicity found in the Merced River on two occasions in January 2008. Staff gave a presentation on monitoring and enforcement efforts within the ILRP.

On 13 March, Joe Karkoski and Dania Huggins met with ESJWQC representatives to conduct a site visit at three ESJWQC monitoring sites: Cottonwood Creek at Road 20, Ash Slough at Avenue 21, and Berenda Slough. The purpose of the visit was to consider the value of the monitoring locations in the pending MRP Plan revision. Following the site visit, staff participated in the ESJWQC Board meeting. Items discussed included: enforcement by the Water Board; membership renewal update; toxicity response at Merced River; and policies and approach on setting ESJWQC membership responsibilities. Board member Paul Bettencourt also attended the meeting.

Sacramento Valley Water Quality Coalition

On 15 January, staff received the Sacramento Valley Water Quality Coalition (SVWQC) Irrigation Season Semi-Annual Monitoring Report. Staff performed a brief review of this report and provided the Coalition with preliminary requests for missing data. The Coalition promptly provided this requested data. Staff review and comments on this SAMR will occur subsequent to the review of the SVWQC Storm Season SAMR which had been submitted in June 2007. Priority is being given at this time to the development of the MRP Plan and Management Plan documentation.

Staff met with SVWQC representatives at the Regional Board office to provide comments on the draft Management Plan. Due to the overlap in monitoring design and schedules, the SVWQC will be working on the Management Plan and MRP Plan documents simultaneously. Staff is currently evaluating all data provided by the SVWQC to understand where exceedances have occurred, and for which constituents, and to understand what monitoring sites have been thoroughly assessed.

On 28 February 2008 Joe Karkoski, Margie Read and Jodi Pontureri attended the Sacramento Valley Water Quality Coalition's Annual subwatershed meeting at the Westside Water District office in Williams, CA. Joe Karkoski provided an update on the future Regional Board enforcement efforts and Ms. Read described the new monitoring program for the ILRP and the development of management plans.

San Joaquin County and Delta Water Quality Coalition

On 20 February, staff completed its review of the San Joaquin County and Delta Water Quality Coalition 31 December 2007 Semi Annual Monitoring Report. Staff comments have been prepared and are in the review process. A review letter will be sent to the Coalition soon.

Staff met with the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) on 13 February to continue the development of management plans. Given the overlap in terms of design and monitoring schedules, staff and the SJCDWQC will be working on the Management Plan and the MRP Plan simultaneously.

On 18 March, Joe Karkoski, Chris Jimmerson, and Adam Laputz toured Venice Island with John Meek of the San Joaquin County and Delta Water Quality Coalition. Staff gained a better understanding of irrigation practices, terminology, and cropping patterns.

Westside San Joaquin River Watershed Coalition

The Coalition provided a revised MRP Plan on 5 February. The revisions were based on several discussions between staff and Coalition representatives. On 22 February 2008 the Executive Officer issued a letter to the Coalition approving the implementation of the revised MRP Plan for one calendar year. The letter requires the Coalition to work with staff to address some inconsistencies between the Coalition's MRP Plan and the recently approved ILRP MRP Order, and to submit a revised plan that resolves these inconsistencies by 25 July. A minor revision or addendum to the Coalition's approved plan is expected to resolve these inconsistencies.

On 4 March, John Swanson attended the Westside San Joaquin River Watershed Coalition's monthly steering committee meeting in Los Banos. The committee discussed issues including member participation and fees, development of monitoring and management plans, budget, and ILRP policies.

On 12 March Coalition representatives and staff met with Brock Bernstein to discuss the integration and development of the Coalition's MRP Plan and Management Plan. Coalition representatives and staff are working together to complete the development of the revised Management Plan, and approval of the plan is expected by June 2008. As part of the overall Management Plan, the Coalition is also preparing a focused water quality improvement plan for the watersheds of Ingram Creek and Hospital Creek, as part of the Management Plan strategy. The purpose of these focused watershed improvement plans is to increase and document more specified and aggressive outreach and management practice implementation efforts on a watershed-by-watershed basis, as needed, and prioritized by the severity of problems identified through the monitoring program.

Goose Lake Coalition

The Coalition's CEQA documentation for their Best Management Practice (BMP) projects (required as part of any grant from SWRCB) was approved by the SWRCB and implementation of its BMP projects are in progress. A BMP Demonstration Day is planned during summer 2008.

A draft Management Plan is being prepared by the Coalition for Ceriodaphnia toxicity that occurred during the 2007 irrigation season. A study to identify the source of toxicity will be conducted during the 2008 irrigation season. The Coalition has proposed some modifications to their MRP Plan for the 2008 monitoring year, and will be working with staff to develop a revised MRP Plan for subsequent years.

Westlands Coalition

Staff has reviewed the Coalition's December 2007 SAMR and provided comments to the Coalition. The required components of the SAMR were completely and satisfactorily addressed by the Coalition.

The Westlands Coalition began storm season monitoring during January 2008, when enough rainfall had finally occurred to cause runoff in the normally dry creeks in the coalition area. The Coalition is conducting both Phase I and Phase II monitoring during this storm season in order to better characterize water quality conditions. Exceedance reports for EC in Panoche-Silver Creek and water flea toxicity in Cantua Creek were submitted by the Coalition. A Management Plan schedule for EC in Panoche-Silver Creek has been requested.

Southern San Joaquin Valley Water Quality Coalition

Staff has completed review of the 2007 Irrigation Season Semi-Annual Monitoring reports and generated response letters that are currently in the review process.

The Coalition has been requested to prepare a Management Plan to address repeated toxicity in the water column (*Selenastrum*) and sediment (*Hyalella azteca*) in the Main Drain waterway within the Kern River Sub-Watershed. The Management Plan is currently under development by the Coalition.

On 6 February, Joe Karkoski, Russell Walls and Margie Read participated in a meeting in Farmersville with the Southern San Joaquin Valley Water Quality Coalition subwatershed leads and board members. The new Coalition MRP and applicability to the Tulare Basin was discussed, along with alternative regulatory approaches for addressing irrigated lands in the basin.

On 19 March, Regional Water Board staff, staff of the Kings River Sub-Watershed, and representatives of Sierra Foothills Laboratory met in Jackson to discuss the *Selenastrum* toxicity testing method and to identify testing differences that exist between laboratories.

Individual Dischargers

BerryBlest Farms

The Annual Monitoring Report (AMR) was submitted by Bud Hoekstra of BerryBlest Farms. Staff has acknowledged receipt of the report to BerryBlest. Review of the AMR is ongoing.

Merced Irrigation District

On 3 March staff received the Merced ID 2007-2008 AMR dated 28 February 2008.

Modesto Irrigation District

On 3 March staff received the Modesto ID 2007-2008 AMR dated 28 February 2008.

Turlock Irrigation District

On 29 February staff received the Turlock ID 2007-2008 AMR dated 28 February 2008.

Oakdale Irrigation District

On 29 February staff received the Oakdale ID 2007-2008 AMR dated 28 February 2008.

South San Joaquin Irrigation District

On 28 February staff received the South San Joaquin ID 2007-2008 AMR dated 28 February 2008.

Staff has notified individual dischargers that these AMRs have been received. However, staff will be prioritizing the development of Coalition Group MRP Plans and Management Plans prior to evaluating the Irrigation District AMRs.

Grant Management

Goose Lake Coalition

An amendment to the Goose Lake Coalition's grant agreement was initiated. The amendment request will include a time extension, due date changes, and budget adjustments.

San Joaquin County Resource Conservation District

On 24 March, Chris Jimmerson prepared comments in response to the San Joaquin County Resource Conservation District's Grant titled Measuring the Effectiveness of Agricultural Management Practices. Staff comments are under supervisory review. The Grantee submitted items for review to meet the submittal schedule. To date, the Grantee has not yet requested for reimbursement of funds that the Grantee has expended. Consequently, the Grant balance of potential reimbursement dollars remains at \$842,125.

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.

June 2008 Board Meeting

- Salinity Program Update
- Cascade Shores WWTP, Nevada County (renewal)
- General Order – Limited Threat (new)
- General Order – Low Threat (renewal)
- General Order – Petroleum Cleanup (renewal)
- J. F. Enterprises and Burchell Nursery, J. F. Enterprises Worm Farm,
- Modesto MS4 permit, Stanislaus County (renewal)
- Original 16 to 1 Mine, Sierra County (rescission)
- Roseville Dry Creek WWTP, Placer County (renewal)
- Roseville Pleasant Grove WWTP, Placer County (renewal)
- Sacramento MS4 permit, Sacramento County (renewal)
- Sierra Pacific Industries, Quincy Division (renewal)
- Stallion Springs CSD WWTF (renewal)
- Stimpel-Wiebelhaus Associates, SWA Mountain Gate
- UCD Hydraulics Laboratory, Yolo County (renewal)

July/August 2008 Board Meeting

- State of the Region Address
- Aerojet General, Sacramento Facility (renewal)
- Bear Valley CSD WWTF (renewal)
- California Milk Producers – Tipton Plant (renewal)
- Deuel Vocational Institute WWTP, San Joaquin County (renewal)
- Discovery Bay WWTF, Contra Costa County (renewal)
- Kinder Morgan Energy, Elmira, Solano County (rescission)
- Nevada County Sanitation District, Lake of the Pines (renewal)
- Nevada County Sanitation District, Lake Wildwood (renewal)
- Plumas County – Gopher Hill (renewal)
- Rio Vista WWTF, Solano County (renewal)
- Sliger Mine, Bureau of Reclamation (renewal)
- Tuolumne US/Jamestown SD WWTP, Tuolumne County (renewal)
- Tuolumne Utilities District, Jamestown WWTP (renewal)
- University of California, Davis WWTP, Yolo County (renewal)
- USDA Aquatic Weed Laboratory, Yolo County (renewal)
- Wheelabrator Shasta Energy (renewal)
- Williams WWTP (renewal)
- Woodland WWTF, Yolo County (renewal)

TENTATIVE ORDERS

Tentative Orders have been issued for the following facilities:

Calaveras County

- Calaveras County Water District and Cain-Papais Trust, Forest Meadows Wastewater Reclamation Plant, new NPDES Permit
- Meridian Beartrack, Royal Mountain King Mine, updated Time Schedule Order

Contra Costa County

- Ironhouse Sanitary District, Wastewater Treatment Plant, new NPDES Permit and Time Schedule Order

El Dorado County

- City of Placerville, Hangtown Creek Water Reclamation Facility, NPDES Permit renewal and Cease and Desist Order

Fresno County

- Bar 20 Partners, LTD, a Limited Partnership between John Shehadey and Richard Shehadey, and Microgy, Inc., Bar 20 Dairy No. 2, new WDRs

Kern County

- City of McFarland, Wastewater Treatment Facility, WDRs and Cease and Desist Order
- J.G. Boswell Tomato Company, Buttonwillow Tomato Processing Facility
- Stallion Springs Community Services District, Wastewater Treatment Facility

Lake County

- IT Environmental Liquidating Trust, Benson Ridge Facility

Mariposa County

- U.S. Department of Interior, National Park Service, Yosemite National Park, El Portal Wastewater Treatment Facility, NPDES renewal

Napa County

- Lake Berryessa Resort Improvement District, Wastewater Treatment Facility, updated WDRs

Nevada County

- Coffman Specialties, Inc. and Tiechert Construction Company, Boreal Temporary Batch Plant and Concrete/Asphalt Recycling Site WDRs

Placer County

- Auburn Valley Community Services District and Auburn Country Club, Inc., Wastewater Treatment Facility, Cleanup and Abatement Order
- City of Roseville, Dry Creek Wastewater Treatment Plant, NPDES Permit renewal and Time Schedule Order
- City of Roseville, Pleasant Grove Wastewater Treatment Plant, NPDES Permit renewal and Time Schedule Order
- Placer County Sewer Maintenance District No. 3, Wastewater Treatment Plant

Sacramento County

- East Bay Municipal Utility District, Folsom South Canal Connection Project, Dewatering Discharge to Land WDRs
- Lopez Agricultural Services, Lopez Agricultural Services Composting, Soil Blending, and Materials Recycling Facility, Monitoring and Reporting Program

San Joaquin County

- BP West Coast Products, ARCO/BP Stockton Fuel Terminal #40T, Enhanced Bioremediation Pilot Study WDRs
- City of Tracy, Tracy Wastewater Treatment Plant NPDES Permit amendment
- Defense Logistics Agency, Defense Distribution Depot San Joaquin (Sharpe), rescission of NPDES Permit for discharge of treated groundwater from cleanup activities
- East Bay Municipal Utility District, Camanche Dam Power House
- East Bay Municipal Utility District, Folsom South Canal Connection Project, Dewatering

Discharge to Land WDRs

- Frank and Shari Guinta, and James and Marilyn Ramsey Cleanup and Abatement Order

- Molten Sulfur Processing Plant, Port of Stockton and H. J. Baker & Bro., Inc., Port of Stockton and Martin Operating Partnership for Molten Sulfur Processing Plant WDRs
- Wild Rose Vineyards LLC, Dole Fresh Vegetables, Inc., Former Dole Fresh Fruit/Victor Fruit, Post Closure Operation & Maintenance, Former Class II Surface Impoundment

Shasta County

- Crystal Creek Aggregate, Inc., Rock Quarry, NPDES Permit renewal
- Winemucca Trading Company Limited, Inc., Former Shasta Paper Company Facilities and Properties: Shasta Pulp and Paper Mill, Wastewater Treatment Lagoons, Administrative Civil Liability Complaint

Sierra County

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

Solano County

- City of Dixon, Dixon Wastewater Treatment Facility, Cease and Desist Order
- City of Vacaville, Easterly Wastewater Treatment Plant, NPDES Permit renewal

Stanislaus County

- City of Modesto, Storm Water Discharge from Municipal Separate Storm Sewer System, NPDES Permit renewal
- City of Modesto, Water Quality Control Facility, NPDES Permit renewal
- Hershey Chocolate and Confectionery Corporation, Oakdale Plant, rescission of NPDES Permit
- Hershey Foods Corporation, Hershey Chocolate and Confectionery Corporation, Administrative Civil Liability Complaint
- J. F. Enterprises and Burchell Nursery, J. F. Enterprises Worm Farm, NPDES Permit renewal
- Stanislaus County Department of Environmental Resources for Operation of Fink Road Class II and Class III Landfills, Class II Surface Impoundments WDRs
- Sun Dry Products, Inc., Food and Industrial By-Products Recycling Facility for Class II Surface Impoundments, WDRs

Sutter County

- Calpine Greenleaf, Inc., Greenleaf Unit One Cogeneration Facility, NPDES Permit rescission

Yolo County

- City of West Sacramento, Wastewater Treatment Plant, NPDES Permit rescission
- University of California Davis Campus, J. Amorocho Hydraulics Laboratory, NPDES Permit renewal

General Waste Discharge Requirements and NPDES Permits

- Conditional Waiver of Waste Discharge Requirements for Disaster-Related Wastes During a State of Emergency Within the Central Valley Region
- Irrigated Lands Regulatory Program Coalition Group Conditional Waiver, Modifications to conditions allowing growers to join a Coalition Group after the 31 December 2006 deadline.
- Dewatering and Other Low Threat Discharges to Surface Waters, General NPDES Permit renewal
- Limited Threat Discharges of Treated/Untreated Groundwater From Cleanup Sites, Wastewater From Superchlorination Projects, and Other Limited Threat Wastewaters to Surface Water, new General NPDES Permit
- Groundwater From Cleanup of Petroleum Fuel Pollution to Surface Waters, General NPDES Permit renewal

Administrative Civil Liability Complaint

Butte County

- City of Chico, Chico Water Pollution Control Plant Administrative Civil Liability Complaint
- Stephen Schuster and Pheasant Landing Phase III Homeowners Association, Administrative Civil Liability Complaint

Colusa County

- City of Williams, Wastewater Treatment Plant, Administrative Civil Liability Complaint

Contra Costa County

- Town of Discovery Bay and Eco Resources, Inc., Discovery Bay Wastewater Treatment Plant, Administrative Civil Liability Complaint

Lake County

- Lake County Sanitation District, Southeast Regional Wastewater System Administrative Civil Liability Complaint

Plumas County

- City of Portola, Wastewater Treatment Plant, Administrative Civil Liability Complaint

Sacramento County

- Freeport Regional Water Authority, Segment No. 2, Administrative Civil Liability Complaint

Shasta County

- Colson and Colson General Contractors, Inc., and Curry Brandaw Architects, Redding Retirement Residences, Administrative Civil Liability

Stanislaus County

- City of Turlock Water Quality Control Facility, Administrative Civil Liability Complaint

FISCAL REPORT BASED ON FEBRUARY 08 EXPENDITURES

PERSONAL SERVICES

Our personal services budget is \$26,070,711. We have spent 62% year-to-date. We continue to recruit to fill all vacant positions.

OPERATING EXPENSES

As of February, we have spent 59% of our operating expense budget. We continue to monitor our expenditures to assure that we do not overspend our budget.

State Board deadline to expend contract monies has passed. We submitted paperwork to spend 98% of our contract funds for the current year.

Due to our high vacancy rate this year we were able to shift a portion of our personal services savings to allow us to purchase much needed equipment. Over the next month we will be submitting purchase documents to replace equipment that is beyond its useful life.

FUND ISSUES

<i>Key Fund Sources</i>	<i>Percent Expended</i>
<i>General Fund</i>	<i>63.4%</i>
<i>Federal Funds</i>	<i>44.9%</i>
<i>Waste Discharge Permit Fund</i>	<i>61.7%</i>
<i>Bond Funds</i>	<i>62.4%</i>

FY 08/09 Updates

In January, the Governor proposed a 10% general fund cut.

State Board has not decided how to distribute this cut. We are not sure if certain programs will be excluded from the cut, or if it will be distributed to all the general fund programs in the water board. If the cut is prorated to all organizations and programs, the impact to Region 5 will be 1.9PY's and \$700,000.

ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS	----- \$ EXPENDITURES -----			
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	266.9	20,596,944	12,187,892	8,409,052	59 %
Temporary Help	0.0	20,000	26,414	(6,414)	132 %
Overtime		0	3,413	(3,413)	0 %
Board Stipend		12,000	4,500	7,500	38 %
Total Authorized Positions	266.9	20,628,944			
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	266.9	20,628,944			
Salary Savings	(13.3)	(858,045)			
Net Total Salaries	253.6	19,770,899			
Staff Benefits		6,299,812	3,992,629	2,307,183	63 %
TOTAL PERSONAL SERVICES(PS)	253.6	26,070,711	16,214,848	9,855,863	62 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		322,621	83,070	239,551	26 %
Printing		47,421	28,079	19,342	59 %
Communications		185,689	62,575	123,114	34 %
Postage		26,935	46,510	(19,575)	173 %
Travel In-State		170,989	106,068	64,921	62 %
Travel Out-Of-State		0	0	0	0 %
Training		123,613	35,991	87,622	29 %
Facilities Operations		1,471,499	923,604	547,895	63 %
Utilities		125,000	86,032	38,968	69 %
Contracts - Internal		658,762	130,000	528,762	20 %
Contracts - External		1,488,515	1,186,863	301,652	80 %
Consolidated Data Center		0	0	0	0 %
Central Adm.Serv. - Prorata		0	0	0	0 %
Central Adm.Serv. - SWCAP		0	0	0	0 %
Equipment		113,500	0	113,500	0 %
Other		0	123,398	(123,398)	0 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		4,734,544	2,812,190	1,922,354	59 %
TOTAL PS & OEE		30,805,255	19,027,038	11,778,217	62 %
Indirect		7,235,820	3,825,473	3,410,347	53 %
GRAND TOTAL		38,041,075	22,852,511	15,188,564	60 %

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Expenditure Organization Summary

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Organization - Region 5

for the month ending February 07/08

Fund Source	\$ Allotment	\$ Expenditures	% Expended
Coastal NPS Control Program-Prop 13 -- (00BOND-CNPS)	= 0	0	0.0
NPS Pollution Control Program-Prop 13 -- (00BOND-NPSC)	= 240,849	271,440	112.7
Watershed Protection Program -- (00BOND-WPP)	= 325,826	160,737	49.3
Prop 84 - 2006 Bond -- (06BOND)	= 80,509	0	0.0
Cleanup & Abatement Account-Management -- (CAA)	= 3,886,283	2,207,158	56.8
NPDES -- (F(106))	= 154,704	0	0.0
Non-Point Source -- (F(319H))	= 924,825	469,756	50.8
DoD Cost Recovery -- (F(DOD-CR))	= 146,882	53,361	36.3
Lawrence Livermore -- (F(LL300))	= 250,095	94,859	37.9
Leaking Underground Storage Tanks -- (F(LUST))	= 700,932	361,613	51.6
General -- (G)	= 6,763,102	4,284,795	63.4
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
-- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,905,889	1,225,872	64.3
Proposition 50 -- (PROP 50)	= 525,922	300,242	57.1
Proposition 40/2002 -- (PROP40)	= 0	0	0.0
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 195,133	108,701	55.7
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 183,821	91,599	49.8
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 20,923	10,891	52.1
CALFED Cooperative Program -- (R(CALFED))	= 407,999	125,041	30.7
Redevelopment Agency Reimbursements -- (R(REDEVEL))	= 0	161	0.0
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,647,631	767,220	46.6
Westley and Tracy Tire Facilities -- (R(WESTLEY))	= 0	0	0.0
Surface Impoundment Assessment Account -- (SIAA)	= 207,421	121,836	58.7
State/Federal Revolving Fund-Federal -- (SRFFED)	= 13,434	7,680	57.2
Tobacco Tax -- (TBT)	= 170,862	104,792	61.3
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,322,693	1,621,402	69.8
Waste Discharge Permit Fund -- (WDPF)	= 16,965,334	10,463,357	61.7
Water Rights Fund -- (WRF)	= 0	0	0.0
TOTAL	38,041,069	22,852,513	60.1 %

Water Boards Bay-Delta Team

Strategic Workplan for Delta Actions

Status of Water Quality Elements

24 April 2008

DEVELOP A REGIONAL MONITORING PROGRAM FOR THE DELTA
--

Stakeholder Comments

- Survey existing monitoring programs and improving coordination and reporting standards.
- Assess available resources and develop a “best-fit” program.
- Focus on Delta and immediate upstream watershed.
- Management framework must be flexible to respond to new information and changing priorities.
- Program should evaluate whether all beneficial uses are protected.
- Emphasize need for strong stakeholder representation.
- Funding from all levels of government and external sources will be needed.

Proposed Approach

The Bay-Delta Team proposes a two-pronged approach to developing a regional monitoring program (RMP) for the Delta:

1. Establish a framework for gathering, compiling, assessing and reporting data on a regular basis, preferably annually. Assessments will be conducted on data already being gathered under Water Board programs and major monitoring programs conducted by other agencies, such as DWR and USGS.
2. In parallel to establishing a regular assessment and reporting framework, the Bay-Delta Team will initiate the long-term planning for a regional monitoring program. The long-term program will require extensive coordination and negotiation among multiple Water Board programs, with outside agencies, and with stakeholders.

Current Activities

- The State Water Board contracted with UC Davis to prepare a report synthesizing readily available data on toxicity and contaminants in the Delta.
- The Central Valley Water Board initiated a contract with the Aquatic Science Center to conduct the initial information collection and stakeholder coordination necessary to develop the long-term RMP.
- The Bay-Delta Team are meeting with stakeholders regularly to discuss the proposed approach, ensure coordination with other similar efforts, and receive input.

MONITORING TO CHARACTERIZE DISCHARGES FROM DELTA ISLANDS

Stakeholder Comments

- In addition to monitoring drainage, monitoring diversions to Delta islands should be included.
- Ensure monitoring is sufficient to determine whether Delta island drains impact water quality in main Delta channels.
- Some stakeholders proposed specific monitoring and criteria for site selection.

Proposed Approach

Staff is coordinating with Delta island agricultural representatives through the San Joaquin County and Delta Water Quality Coalition and Reclamation Districts on the Regional Water Board's pyrethroid pesticide source monitoring project. The Bay-Delta Team proposes to continue stakeholder coordination to expand Delta island monitoring to include more constituents and flow.

Current Activities

As indicated above, staff is coordinating with Delta island agriculture representatives to select and obtain access to sites on Delta islands for pyrethroid pesticide monitoring.

ASSESS THE POTENTIAL IMPACT OF AMMONIA ON DELTA SPECIES

Stakeholder Comments

- Impacts of wastewater discharges on Delta water quality should be assessed more holistically to include impacts to all beneficial uses, rather than just pelagic organisms.
- Design of current screening studies is inadequate and that they should be coordinated with the overall suite of studies to evaluate the causes of the Delta pelagic organism decline. For example, food web and fate and transport studies should be conducted. A steering committee should be established to develop the study protocols and review the results.

Proposed Approach

Conduct screening studies to determine whether ambient ammonia concentrations in the lower Sacramento River and northern Delta reduce the survival of larval delta smelt and inhibit in situ algal primary production. Both the delta smelt and algal primary production experiments are considered screening studies. The results may be conclusive and indicate no possibility of in-stream impairment whereupon no future work will be required. Alternatively, the results may suggest the possibility of in-stream impacts, whereupon further work will be required.

Current Activities

Staff negotiated with principal investigators the scopes of work for both studies. The study protocol for the Delta smelt study was provided to SRWTP who submitted comments, which will either be addressed through modifications of the study protocol or when study results are assessed and reported.

**COORDINATE WITH DPR AND DELTA COUNTY AGRICULTURAL COMMISSIONERS ON
IN-DELTA PESTICIDE USE**

Stakeholder Comments

- DPR should expedite pyrethroid pesticide re-evaluation with particular focus on urban uses as they may exceed agricultural use.
- It is not known whether pesticides cause substantial toxicity in Delta waterways or whether pesticides are being applied illegally in the Delta. Therefore, there may not be a need for additional enforcement or restrictions on pesticide use. A better approach would be to work with Agricultural Commissioners and chemical producers to develop best management practices for pesticide use.

Proposed Approach

Staff proposes to coordinate with DPR and the Agricultural Commissioners to determine whether and what additional information is needed to evaluate the need for best management practices, additional restrictions, or increased enforcement of pesticide use in the Delta. This work will be coordinated with the action to comprehensively assess impacts of discharges from Delta islands and with the Irrigated Lands Regulatory Program's requirements for developing management plans upon exceedance of water quality objectives.

Current Activities

- A consortium of pesticide registrants, the Pyrethroid Working Group (PWG), submitted to DPR proposals to address data gaps related to the more persistent class of pyrethroid pesticides (type 3). Staff submitted comments on the proposed studies and DPR is working with the PWG to address stakeholder comments.
- The IEP and the Water Boards are cooperating in a monitoring study to measure toxicity in Delta waters and to measure pesticides associated with any toxicity observed. The San Joaquin County and Delta water quality coalitions also are conducting monitoring under the Irrigated Lands Regulatory Program.
- The Water Board, with funding from the SWAMP, is conducting pyrethroid pesticide monitoring of potential sources of those pesticides to the Delta.

Summary of Regional Water Board actions to protect beneficial uses in the Sacramento-San Joaquin River Delta estuary.

<i>Water Board Activity</i>	<i>Action</i>	<i>Current Activities Related to Action</i>	<i>Effected (or potentially effected) Entity(ies)</i>	<i>Existing Commitment</i>	<i>Additional Resources Needed</i>
Planning	Develop regional monitoring & assessment program	<ul style="list-style-type: none"> -Some funding identified -SRWP & CVCWA developing pilot RMP -CALFED Science Program funding project to develop Delta monitoring strategy -EPA & Regional Board developing directory of monitoring in the San Joaquin basin 	<ul style="list-style-type: none"> -Agencies -Wastewater dischargers -Stormwater dischargers -Agriculture 	✓	✓
Planning	Determine need for interim regulatory measures for addressing impacts of power plant diversion		<ul style="list-style-type: none"> -Contra Costa power plant 		✓
Planning	Develop salt & boron control program for San Joaquin River upstream of Vernalis		<ul style="list-style-type: none"> -Agencies -Wastewater dischargers -Stormwater dischargers -Agriculture 	✓	
Planning	Develop & adopt control program for mercury in the Delta	<ul style="list-style-type: none"> -Regional Board will consider for adoption in April 2008 	<ul style="list-style-type: none"> -Agencies -Wastewater dischargers -Stormwater dischargers -Agriculture 	✓	
Planning	Develop Central Valley Drinking Water Policy	<ul style="list-style-type: none"> -Water Boards are working with interested stakeholders to evaluate policy alternatives 	<ul style="list-style-type: none"> -Wastewater dischargers -Stormwater dischargers -Agriculture 	✓	

Executive Officer's Report Addendum
 Water Quality Actions in the Delta
 24 April 2008

<i>Water Board Activity</i>	<i>Action</i>	<i>Current Activities Related to Action</i>	<i>Effected (or potentially effected) Entity(ies)</i>	<i>Existing Commitment</i>	<i>Additional Resources Needed</i>
Planning	Develop Central Valley salinity management plan	<ul style="list-style-type: none"> – Water Boards formed committees to assist in developing policy – Contracts are in place to evaluate economic impacts of not addressing salinity, assessing data gaps, and developing a video documentary 	<ul style="list-style-type: none"> – Agencies – Wastewater dischargers – Stormwater dischargers – Agriculture 	✓	
Monitoring	Characterize discharges from Delta islands	<ul style="list-style-type: none"> – Delta Team staff working with Irrigated Lands Regulatory Program staff to coordinate monitoring needs 	<ul style="list-style-type: none"> – Delta agriculture 		✓
Monitoring	Assess impact of ammonia on Delta species	<ul style="list-style-type: none"> – Contract in place to conduct studies on Delta smelt – Delta Team staff negotiating scope of work for phytoplankton studies 	<ul style="list-style-type: none"> – Wastewater dischargers 	✓	
Monitoring	Pyrethroid pesticide source monitoring	<ul style="list-style-type: none"> – Study to monitor potential sources of pyrethroid pesticides was initiated in 2008 	<ul style="list-style-type: none"> – Wastewater dischargers – Stormwater dischargers – Agriculture 	✓	
Monitoring	Modify discharge permits to ensure sufficient data collection	<ul style="list-style-type: none"> – Stockton and Sacramento stormwater permits include higher frequency of toxicity monitoring 	<ul style="list-style-type: none"> – Stormwater dischargers 	✓	

Executive Officer's Report Addendum
 Water Quality Actions in the Delta
 24 April 2008

<i>Water Board Activity</i>	<i>Action</i>	<i>Current Activities Related to Action</i>	<i>Effected (or potentially effected) Entity(ies)</i>	<i>Existing Commitment</i>	<i>Additional Resources Needed</i>
Monitoring	Monitor Delta waterways for contaminants & toxicity	<ul style="list-style-type: none"> - Interagency Ecological Program funded toxicity and contaminant monitoring in Delta waterways - Delta Team staff worked with contractor to develop plans for follow-up when toxicity is detected 	<ul style="list-style-type: none"> - Identified sources of contaminants or toxicity 	✓	
Monitoring & Assessment	Determine whether Delta waterways are impaired due to selenium	<ul style="list-style-type: none"> - Regional Board funded analyses of fish tissue samples 	<ul style="list-style-type: none"> - San Joaquin River agriculture 	✓	
Assessment	Gather & assess existing contaminants & toxicity data	<ul style="list-style-type: none"> - Contract in place to gather & assess surface water data 	<ul style="list-style-type: none"> - Wastewater dischargers - Stormwater dischargers - Agriculture 	✓	
Implementation	Determine need for additional enforcement of restrictions on in-Delta pesticide use	<ul style="list-style-type: none"> - Delta Team staff briefed Department of Pesticide Regulation and Department of Food & Agriculture staff on Delta action 	<ul style="list-style-type: none"> - Agriculture 		✓
Implementation	Implement organophosphorus pesticide control program (TMDL)	<ul style="list-style-type: none"> - Require management plans 	<ul style="list-style-type: none"> - Wastewater dischargers - Stormwater dischargers - Agriculture 	✓	
Implementation	Implement salt & boron control program (San Joaquin River at Vernalis)		<ul style="list-style-type: none"> - Wastewater dischargers - Stormwater dischargers - Agriculture 	✓	

Executive Officer's Report Addendum
 Water Quality Actions in the Delta
 24 April 2008

<i>Water Board Activity</i>	<i>Action</i>	<i>Current Activities Related to Action</i>	<i>Effected (or potentially effected) Entity(ies)</i>	<i>Existing Commitment</i>	<i>Additional Resources Needed</i>
Implementation	Implement control program for oxygen demand in the Stockton Deep Water Ship Channel		<ul style="list-style-type: none"> –Agencies –Wastewater dischargers –Stormwater dischargers –Agriculture 	✓	
Implementation	Implement control program for pathogens in Stockton urban creeks	–Pathogen control program requirements were incorporated into the Stockton stormwater discharge permit in December 2007	–Stockton stormwater dischargers	✓	
Implementation	Notify dischargers of Delta issues	–Staff sent letters to wastewater and stormwater dischargers notifying them of the Delta fisheries crisis and warning them to be vigilant in complying with their permit requirements and avoiding accidental spills of toxic pollutants into Delta waterways.	<ul style="list-style-type: none"> –Wastewater dischargers –Stormwater dischargers 	✓	

ADDRESS POTENTIAL IMPACTS OF ONCE-THROUGH COOLING AT THE CONTRA COSTA POWER PLANT

Stakeholder Comments

- The Contra Costa Power Plant NPDES permit should be issued immediately and terms should be consistent with recent court decisions. The Regional Water Board should not await the State Water Board's statewide policy.
- The Regional Water Board should assess information produced through studies being conducted under the Bay Delta Conservation Plan to determine whether additional studies are needed.
- Regional Water Board actions are premature considering the State Water Board's statewide policy development and the San Francisco Bay Regional Water Board's permit process, both of which currently are underway.

Proposed Approach

The Bay-Delta Team proposes to coordinate with the Department of Fish and Game and the Interagency Ecological Program to review studies being conducted for the Bay Delta Conservation Plan to determine whether additional study is needed. In addition, staff will review results to develop terms needed in the NPDES permit.

Current Activities

Staff plan to meet with DFG and BayKeeper to discuss the current studies and determine how best to coordinate the Water Boards' actions.