

**California Regional Water Quality Control Board  
Central Valley Region  
21/22 June 2007**

ITEM: 5

SUBJECT: Executive Officer's Report

**ENFORCEMENT**

**1. Progress Update, Hilmar Cheese Supplemental Environmental Project**

On 13 April, the Hilmar SEP Study Directors gave a presentation to Wine Institute representatives at the Stanislaus County Agricultural Center on technical aspects of the study. The presentation covered the design of the unsaturated and saturated zone flow and transport modeling portion of the study and preliminary results of the reactive transport vadose zone model (MIN3P). The presentation can be viewed online at the Hilmar SEP website [www.hilmarsep.com/Presentations](http://www.hilmarsep.com/Presentations). (SJK)

**2. Notice of Violation, Wastewater Spill, Clearlake Oaks County Water District, Lake County**

On 15 May 2007, staff issued a Notice of Violation (NOV) to Clearlake Oaks County Water District (Discharger) for a wastewater spill, estimated at approximately 3,000 gallons that occurred on 15 March 2007. The Discharger indicates that piping from the oxidation ditch to the clarifier became clogged with hair, causing wastewater from the oxidation ditch to overflow across the plant access driveway and into a drainage ditch, but did not enter surface waters. Because the Discharger did not notify staff immediately following discovery of the spill, the NOV requires submittal of a revised spill report that provides an explanation how internal procedures have changed such that all spills are reported (both verbally and in written format) within the timeline required by the Standard Provisions. In addition, the NOV requires the Discharger to submit a technical report detailing safeguards that have been installed to comply with General Provision No.A.9 of the Standard Provisions and Reporting Requirements. (GJC)

**3. Notice of Violation for Non-Submittal of Reports, Hidden Valley Sand and Gravel, Lake County**

On 15 May 2007, staff issued a Notice of Violation (NOV) to Clear Lake Lava, Inc. and the U.S. Bureau of Land Management for the non-submittal of several monthly self-monitoring reports required by the Waste Discharge Requirements (WDRs). The NOV requires the Discharger to submit all delinquent self-monitoring reports. If the delinquent monthly self-monitoring reports are not available, then the NOV requires the Discharger to provide a report explaining why these monitoring reports have not been submitted and identifying the actions to be taken to assure that all future monitoring reports will be submitted complete and on time. Finally, the NOV states that if the Discharger fails to submit the reports or submits incomplete reports, additional enforcement may be recommended. (GJC)

**4. Notice of Violation, Wastewater Spill, Lake Berryessa Resort Improvement District, Napa County**

On 16 May 2007, staff issued a Notice of Violation (NOV) to the Lake Berryessa Resort Improvement District (Discharger) for a spill of domestic wastewater estimated at approximately 7,500 gallons that occurred on 13 April 2007. The spill did not enter surface waters and was the result of a break in a 10-inch main disposal pipeline that runs from the main sewage collection tank to the wastewater ponds. The Discharger states that the pipeline break was caused by root intrusion from nearby oak trees. The Discharger also states that pumping from the main collection tank was stopped immediately following the pipeline break and no leakage was observed following repairs. The NOV requires the Discharger to immediately begin daily inspections of the pipeline from the main collection tank to Pond No. 1 and include this information in the monthly self-monitoring reports. In addition, the NOV requires the Discharger to submit a workplan that describes measures (i.e. video survey, etc.) to assess the condition of the pipeline extending from main sewage collection tank to the wastewater ponds. (GJC)

**5. Notice of Violation, Auburn Valley Community Services District and Auburn Country Club, Placer County**

On 24 May 2007, following review of monthly self-monitoring reports from January 2006 through January 2007, staff issued a Notice of Violation (NOV) to Auburn Valley Community Services District and Auburn Country Club. The NOV was issued for the following: (a) violating Discharge Specification No. B.12 of the WDRs because inadequately treated wastewater was applied to the subsurface application areas, (b) not including sampling results from the subsurface irrigation disposal areas used to determine soil water saturation in the monthly self monitoring reports, and (c) not including water supply sampling results in the annual monitoring report. The NOV requires the Discharger to submit a technical report describing: (a) how the violations have been, or will be, corrected; and (b) how recurrence of these violations will be prevented. The NOV also requires the Discharger to

submit delinquent sampling results for determining soil water saturation within the subsurface disposal areas and results of the water supply samples as required by the Monitoring and Reporting Program. (GJC)

**6. Notice of Violation, Chevreux Aggregates Facility, Placer County**

On 11 April 2007, staff issued a Notice of Violation (NOV) to Chevreux Aggregates (Discharger) following a meeting with their attorney to discuss a previous NOV issued for a wash water spill to the Bear River and Lake Combie. The purpose of the meeting was also to discuss the status of reports and tasks required by the Waste Discharge Requirements (WDRs). Staff indicated that the response letter from the Discharger's consultant satisfies the technical report requirement of the NOV. However, staff informed the attorney that the Discharger is continuing to violate Discharge Specification No. B.5 because Pond No. 1 has not yet been protected from washout from a flood with a 100-year return frequency. Staff indicated that we would not recommend further enforcement at this time as long as the Discharger either moves the pond out of the floodplain or protects it from a 100-year flood by 1 September 2007. (GJC)

**7. Notice of Violation, Wastewater Spill, Weimar Institute Wastewater Treatment Facility, Placer County**

On 15 May 2007, staff issued a Notice of Violation (NOV) to Weimar Institute (Discharger) for a 30 March 2007 domestic wastewater spill estimated at approximately 30,000 gallons, with an unknown volume entering Coyote Creek. The Discharger states that immediately following the spill from the pond, the seepage area in the pond berm was temporarily backfilled with concrete blocks and native soil, and wastewater from the primary pond was transferred to the secondary pond to lower the level. A workplan prepared by the Discharger's consultant states that the seepage originated from a pond intake structure that was installed in 2006. The workplan also states that permanent repairs to the levee will consist of: (a) removing the existing pipeline in the levee, (b) excavating a portion of the levee, (c) replacing the pipeline in the levee, (d) constructing a concrete anti-seepage collar, and (e) rebuilding the levee. The NOV requires the Discharger to implement the workplan and submit a technical report that describes the completed levee repairs. The NOV also requires the Discharger to immediately begin daily inspections of the pond levees and include this information in the monthly self-monitoring reports. Because the Discharger's spill report was not complete and did not meet the requirements of the Standard Provisions and Reporting Requirements, the NOV requires submittal of a revised spill report that describes those measures taken to cleanup and disinfect the spill site and provides a schedule and details of the proposed pipeline inspections. (GJC)

**8. Notice of Violation, Buena Vista Landfill, Amador County**

On 24 April 2007, staff issued a Notice of Violation (NOV) to Amador County for violating Time Schedule Order (TSO) No. R5-2006-0901. The TSO was drafted to address the County's failure to complete closure of Buena Vista Landfill as required by Waste Discharge Requirements Order No. R5-2003-0078. The provisions of the TSO set forth a 21 July 2006 deadline for submittal of a complete Final Construction Report that complies with California Code of Regulations Title 27. Following staff's review of the Final Construction Report it was evident that the report was incomplete and therefore in violation of the TSO. On 18 May 2007, staff met with Amador County to discuss the NOV. Amador County has agreed to fix the deficiencies identified in the Final Construction Report by the 30 June 2007. Following acceptance of the Revised Final Construction Report, Post Closure Waste Discharge Requirements will be prepared for the site. (HFH)

**9. Notice of Violation and draft Cleanup and Abatement Order, Sierra Pacific Industries-Martell, Amador County**

Sierra Pacific Industries owns property where lumber processing was historically performed. Under WDRs Order No. 98-094, the Discharger is required to close and remediate a wood waste landfill, ash disposal area, and fungicide dip area. On 5 May 2007, the Discharger was issued a Notice of Violation (NOV) for discharge of waste to surface water and groundwater, in violation of WDRs Order No. 98 094. Landfill leachate was released to a surface water drainage course during the winter of 2006-2007. In addition, dioxins/furans were detected in several groundwater monitoring wells, while phenols were detected in a monitoring well directly downgradient one of the waste management units. Finally, the Discharger failed to report these releases verbally as soon as the release occurred, did not provide a written notification within 7 days, and did not resample immediately after discovering the release, as required by the WDRs. The NOV requires that the Discharger shall (a) By 16 July 2007, submit a workplan to prevent any future release of landfill leachate into the surface water courses; (b) submit a construction report by 28 September 2007 that documents the completion of work to prevent any future release of leachate into the surface water courses; and (c) complete a phenol and dioxin/furan groundwater investigation. A draft Cleanup and Abatement Order (CAO) was sent out on 25 May 2007 addressing the above

issues, as well as the closure of a wood waste landfill and ash disposal pile, and investigation and possible remediation of a previous wood dip tank area. Comments to the draft CAO are due 8 June 2007. (MLB)

- 10. Water Code Section 13267 Order for Technical Reports, Sun Dry Products, Stanislaus County**  
On 6 April 2006, the Executive Officer issued an order for technical reports pursuant to Water Code Section 13267 to Sun Dry Products (Discharger). The Discharger recycles food and waste byproducts for use as soil amendments (sulfur, grape pomace, olive pits, etc.). The order for reports sets forth a time schedule for submittal of (a) the results of an investigation to characterize stockpiles, stockpile leachate, soil, and surface water, (b) a Report of Waste Discharge, including items required by Title 27 CCR §21710-21760, and (c) verification that a CEQA document has been adopted for the facility. However, the Discharger has not complied with the 13267 Order, and therefore staff recently sent an NOV requiring the Discharger to submit the delinquent technical reports by 8 June 2007. The NOV states that if these reports are not received by the revised dates, additional enforcement will be recommended. (MLB)
- 11. Water Code Section 13267 Order for Technical Reports, Colusa County Migrant Housing Camp, Colusa County**  
On 24 May 2007, the Executive Officer issued an order for technical reports pursuant to Water Code Section 13267 to the Colusa County Migrant Housing Camp. The Discharger operates a domestic wastewater treatment facility and has failed to submit monitoring reports required by the WDRs despite several enforcement letters in the last seven years. Additionally, the facility does not have a flow meter and freeboard violations in winter 2006 indicate that there may not be sufficient storage and disposal capacity. The order for reports sets forth a time schedule for installation of a flow meter, flow monitoring, submittal of a water balance capacity analysis, submittal of delinquent monitoring reports, and submittal of future monitoring reports. The Order states additional enforcement will be recommended unless full compliance is achieved. (ALO)
- 12. Water Code Section 13267 Order for Technical Reports, Princeton Water Works District, Colusa County**  
On 24 May 2007, the Executive Officer issued an order for technical reports pursuant to Water Code Section 13267 to the Princeton Water Works District. The Discharger operates a domestic wastewater treatment facility and has failed to submit monitoring reports required by the WDRs despite several enforcement letters in the last seven years. Additionally, the facility does not have a flow meter as required by the WDRs. The order for reports sets forth a time schedule for installation of a flow meter, flow monitoring, submittal of delinquent monitoring reports, and submittal of future monitoring reports. The Order states additional enforcement will be recommended unless full compliance is achieved. (ALO)
- 13. Water Code Section 13267 Order for Technical Reports, Vineyard RV Park, Solano County**  
On 7 May 2007, the Executive Officer issued an order for technical reports pursuant to Water Code Section 13267 to the Vineyard RV Park. The Discharger operates a domestic wastewater treatment facility and has failed to submit a Report of Waste Discharge describing the wastewater collection, treatment, and disposal system of the Vineyard RV Park. The facility has been in operation for many years without a permit from either Solano County or the Regional Water Board. The Discharger's 30 October 2006 letter requested additional time to evaluate the wastewater system and prepare the technical report. However, nothing has been submitted to date, even though Regional Water Board staff has been in contact with the Discharger's two consultants on many occasions since late July 2006. The order sets forth a due date of 1 August 2007 for the submittal of a technical report describing the significant features of the Vineyard RV Park wastewater system. The Order states that additional enforcement will be recommended unless full compliance is achieved. (RTM)
- 14. Draft Cleanup and Abatement Order, Drew Tunnel, Nevada County**  
On 1 May 2007, staff distributed a draft Cleanup and Abatement Order (CAO) for Newmont USA, Limited (Newmont) for the Drew Tunnel in Nevada County. The tunnel drains historic mine workings in the area previously owned by Newmont. The tunnel discharges about 450,000 gallons of mine water per day. The water contains pollutants associated with the breakdown or oxidation of minerals, including arsenic, aluminum, copper, iron, manganese, and sulfate. The tunnel entrance is on property owned by the City of Grass Valley. Since 2000, the City has conveyed drainage from the Drew Tunnel to its wastewater treatment plant prior to discharge into Wolf Creek. The draft CAO requires Newmont to investigate, identify, and assess the sources of the water and pollutants. Newmont is also required to assess source control methods to reduce the quantity of pollutants and/or water and to properly manage any discharge that remains after remedial action is completed. Comments on the draft CAO are due 15 June. (JSH)

- 15. Notice of Violation, Cold Springs Mobile Manor, El Dorado County**  
On 4 June 2007, staff issued a Notice of Violation (NOV) to Cold Springs Mobile Manor (Discharger) for submittal of incomplete monthly monitoring reports and the by-pass of untreated or partially treated sewage. The by-pass occurred when several residential wastewater connections froze and burst during February 2007. The NOV requires the Discharger to comply with Revised Monitoring and Reporting Program No. 87-214, and to submit documentation certifying that all damaged wastewater connections have been repaired. (BPK)
- 16. Camino Heights Wastewater Treatment Facility, Cleanup and Abatement Order, El Dorado County**  
On 31 May 2007, the Executive Officer issued Cleanup and Abatement Order (CAO) No. R5-2007-0711 to the El Dorado Irrigation District (Discharger) for capacity issues associated with the Camino Heights Wastewater Treatment Facility. The purpose of the CAO is to formalize facility improvements to be completed by the Discharger to address capacity issues at the facility, make improvements to the existing spray field, evaluate groundwater conditions, and obtain information necessary for Regional Water Board staff to develop revised WDRs. (BPK)
- 17. Minimum Mandatory Penalty, Chico Water Pollution Control Plant, Butte County**  
On 15 May, the Executive Officer issued Minimum Mandatory Penalty Complaint (MMP) to the City of Chico in the amount of \$3,000 for violations of Waste Discharge Requirements Order No. R5-2004-0073 (NPDES Permit No. CA0079081). The Discharger exceeded the Total Residual Chlorine effluent limitation on 9 December 2006. The effluent violation stemmed from an internal plant electrical breaker, which had switched off. The electrical breaker works the chemical feed system for the chlorination and de-chlorination chemicals. Due to the de-chlorination system being shut off, there was not enough chemical to properly de-chlorinate the effluent, resulting in excess chlorine being discharged in the effluent. The Discharger has submitted a report on the effluent chlorine residual violation, detailing actions that will be undertaken to prevent violations in the future. These actions include: a) replace faulty electrical breaker; b) inspecting all of the electrical breakers on a regular inspection and replacement schedule; c) installing a device to divert the effluent to the holding ponds, instead of the discharge point, if residual chlorine monitoring indicates a violation of effluent limitations; and d) installing a separate electrical generator into the main chemical building's main circuit panel, to prevent problems during power outages. (GDC)
- 18. Minimum Mandatory Penalty Complaint, Collins Pine Company Chester Sawmill, Plumas County**  
On 9 May, the Executive Officer issued Minimum Mandatory Penalty Complaint to Collins Pine Company in the amount of \$12,000 for violations of their Waste Discharge Requirements Order No. R5-2004-0012 (NPDES Permit No. CA0004391). A Notice of Violation was issued in April 2007 for numerous effluent and receiving water violations that occurred between January 2006 and January 2007. Mandatory penalties were assessed for effluent violations of both Chemical Oxygen Demand and Total Suspended Solids. On 15 May, Collins Pine Company submitted a signed copy of the Waiver for the Mandatory Penalty Complaint and submitted a check for \$12,000. Comments regarding the ACLC will be accepted through 8 June 2007. Collins Pine must submit a Best Practicable Treatment or Control Plan by 30 June and must fully implement the Plan by 30 December. (CNC)
- 19. Frank's One Stop, 2072 W. Yosemite Avenue, Manteca, San Joaquin County**  
On 22 January 2007 a contract between the Department of General Services and URS Corporation was executed allowing for the continued investigation and ultimate remediation of the petroleum contaminant plume. The funds (up to \$1.3 million) being used are from the State's UST Cleanup Fund's Emergency, Abandoned, and Recalcitrant (EAR) Account. The work is being directed, overseen, and subject to final approval by Regional Board staff. In March/April of this year all 27 site monitoring wells and 8 of the impacted domestic supply wells were sampled. Based upon the analytical data, a work plan for additional delineation, to complete plume characterization, will be submitted for Regional Board staff approval and/or modification in May. Following delineation of contaminant plume, Regional Board staff will be requiring the design and implementation of a remediation system. A new, updated Cleanup and Abatement Order draft has been prepared and is undergoing review. BCN

**20. Circle A Gas Station, 1215 22nd Street, Marysville, Yuba County**

Cleanup and Abatement Order No. R5-2006-0722 was issued on 20 November 2006 to Robert French and Stockton Marketing, Inc. directing them to conduct the necessary investigation. None of the actions required to date by the CAO have been implemented. A Notice of Violation (NOV) letter was mailed to Mr. French on 30 January 2007. In response to the NOV, Mr. French claimed he is not responsible for cleanup and agreed to meet with staff. In a 19 April 2007 meeting staff again explained to Mr. French why he is a primary responsible party and Mr. French agreed to meet with Mr. Kaile to discuss the possibility of reassignment of cleanup fund eligibility. A due date of 24 May 2007 was set for confirmation of the assignment of eligibility along with a workplan and schedule to comply with the Order. To date neither the reassignment, workplan nor schedule for compliance has been received. (MK)

**21. Fish Kill in San Joaquin River**

The Vernalis Adaptive Management Plan, or VAMP, started in 2000 as part of the State Water Resources Control Board Decision 1641. It is a large-scale, multi-agency, long-term experimental/management program designed to protect juvenile Chinook salmon migrating from the San Joaquin River through the Sacramento-San Joaquin Delta. During the 2007 VAMP, when pulse flows were provided in the San Joaquin River, a pilot study was conducted by releasing 800 juvenile fall Chinook salmon with surgically-implanted, individually identifiable acoustic transmitters (tags) at various locations in the San Joaquin River and Delta. The fish movements were subsequently monitored with acoustic receivers. On or about 17 May 2007, a scientist found 116 acoustic tags approximately 1.7 miles upstream of the Stockton Deep Water Ship Channel, adjacent to a railroad bridge and the Stockton wastewater treatment plant outfall. The lack of movement of the tags suggested that fish mortality occurred at that location. No dead fish were located, and no reports of any fish kills in the area were received from any other parties.

Staff inspected the Stockton wastewater plant on 22 May 2007, along with two wardens from the Department of Fish and Game, to evaluate if effluent discharges might have caused or contributed to the reported incident. Operation logs, plant monitoring data, and Supervisory Control and Data Acquisition (SCADA) continuous readouts from computer software used to monitor plant operations were collected for review, and we found pH, dissolved oxygen, turbidity, and chlorine readings to be compliant with permit requirements. Grab samples of effluent were collected for analysis of ammonia (4.4 mg/l) and total kjeldahl nitrogen (6.2 mg/l). Although the matter is still under investigation, no strong evidence has been found at this time to support that a plant upset or significant release had occurred from the facility. (PHL)

**22. Lemke Construction ACL paid**

On 21 February 2007, the Executive Officer issued an Administrative Civil Liability Complaint R5-2007-0508 to Lemke Construction in the amount of \$25,000 based on violations of the Construction Storm Water General Permit. Lemke Construction is the owner and developer of Bridle Ridge subdivision, a 61-acre construction project in Calaveras County. Runoff from the site discharges to Black Creek, which flows into Lake Tulloch. Staff inspected the site during the 2006-2007 wet season. During the inspections, staff documented storm water management problems and discharges of sediment-laden storm water discharge to an unnamed tributary to Black Creek. On 19 March 2007, Lemke Construction submitted a check for \$25,000. (RWM)

**23. JMC Homes ACL paid**

On 9 March 2007, the Executive Officer issued an ACL Complaint R5-2007-0508 to JMC Homes in the amount of \$350,000 based on violations of the Construction Storm Water General Permit. JMC Homes is the owner and developer of Longmeadow Estates project, a 99.8-acre construction project in the City of Roseville. Runoff from the site discharges to Pleasant Grove Creek. Staff inspected the site during the 2005-2006 wet season. During the inspections, staff documented storm water management problems and discharges of sediment to an unnamed tributary of Pleasant Grove Creek and the adjacent wetland. Complaint R5-2007-0508 was issued to replace an earlier complaint and to effectuate a settlement between the Executive Officer and JMC Homes. On 7 May 2007, JMC Homes submitted a check for \$350,000. (RWM)

**24. SPILLS AND LEAKS**

**Wastewater Spill, Tuolumne Utilities District, Stanislaus County**

On 24 April 2007, Tuolumne Utilities District (Discharger) notified Regional Water Board staff of a wastewater spill estimated at approximately 35,000 gallons that occurred that day. The spill occurred at 900 Southgate Drive in

Sonora following the crushing of a sewer line by a construction crew working in the area. Most of the spill reached nearby Woods Creek. The Discharger posted and sampled the creek. Staff is evaluating appropriate enforcement actions. (JLK)

## 25. CEQA REPORTING

### **Draft Negative Declaration and Initial Study, California Conservation Corps, Placer Service Center, Municipal Sewer Water Connection Project, Placer County**

On 18 April 2007, staff provided comments to a draft Negative Declaration and Initial Study for the California Conservation Corps Placer Service Center Municipal Sewer and Water Connection Project. The proposed project consists of the installation of a new pipeline connected to the Placer County's wastewater treatment plant (WWTP) located in Auburn and associated infrastructure that will allow the California Conservation Corps to abandon its existing land discharge wastewater system. Staff indicated that because an estimate of the average daily flow of wastewater that will be generated by the proposed project was not provided, a capacity study for the Auburn WWTP may need to be completed. Finally, staff indicated that the California Conservation Corps must comply with the existing WDRs Order No. 86-135 until rescinded by the Regional Water Board. (GJC)

## 26. Hidden Lakes RV Park, Initial Study/Mitigated Negative Declaration, Yuba County

On 18 May 2007, Regional Water Board staff submitted comments on the Initial Study/Mitigated Negative Declaration for the Hidden Lakes RV Park. The project proponent is proposing to build an RV Park and campground within the floodplain of the Yuba River. Staff expressed concern about the proposal not to build a permanent wastewater disposal system but to instead tank the wastewater and haul it to a permitted facility. (BPK)

## BASIN PLANNING

## 27. Central Valley Pesticide Basin Plan Amendment

The Pesticide TMDL unit held a staff workshop on 18 April to update stakeholders on the status of the development of a Central Valley-wide pesticide Basin Plan Amendment. Updates were provided on technical reports prepared by staff, including an evaluation of the potential risk of pesticides to surface waters and identification of aquatic life uses in streams in the Sacramento and San Joaquin River watersheds. The focus of the meeting was on a new pesticide criteria derivation method developed by researchers from the University of California, Davis. The methodology allows the derivation of criteria for a wide range of toxicity datasets (e.g., few data points to many data points). Over 20 stakeholders attended the workshop. Stakeholders subsequently submitted fourteen comment letters on the U.C. Davis criteria derivation work. Regional Board staff and the U.C. Davis researchers will review the comments and make appropriate modifications to the methodology within two months. (JK)

## 28. Delta Diazinon and Chlorpyrifos Basin Plan Amendment

On 22 May Joe Karkoski, Danny McClure, and Michele DeCristoforo attended the State Water Resources Control Board hearing to consider approval of the Basin Plan Amendment. State Board staff presented the item, however, Regional Board staff addressed a number of technical questions raised by the State Board. The technical questions focused on issues of the additive toxicity of diazinon and chlorpyrifos. The Basin Plan Amendment was approved by the State Board and next goes to the Office of Administrative Law and U.S. EPA for approval. (JK)

## NPDES DISCHARGERS

## 29. Galt Wastewater Treatment Plant Expansion, Sacramento County

During the Public Forum at the May Board meeting a citizen from Galt expressed concern about the predicted high costs of proposed treatment facilities being considered by the City of Galt and suggested that the Board review Galt's progress in this matter. The City has been working closely with Board staff on treatment plant expansion alternatives for a number of years. The current treatment facility consists of treatment ponds, irrigation disposal of wastewater during the summer, and winter discharge to Laguna Creek when storage capacity is exceeded. The City has made improvements to the land disposal facilities over the past few years, adding lands to increase capacity to accommodate growth, reconstructing irrigation areas to improve water management, and hauling sludge offsite to maintain an agronomic nitrogen application rate. The quality of water discharged to

Laguna Creek does not meet NPDES standards. The City has been reviewing many alternatives for long-term disposal, including: year around disposal to the Laguna Creek, the Sacramento River and other nearby water bodies; year around reclamation of treated wastewater; seasonal land/surface water disposal; and connection to the Sacramento Regional Wastewater Treatment Facility near Elk Grove. The City and Board staffs have met on many occasions, often including the City Manager. A special City Council meeting was held specifically to discuss wastewater issues with the Board. Staff, including the Assistant Executive Officer, has toured the treatment facilities on a number of occasions. Board staff has reviewed and commented upon many technical documents submitted by the City. The City is nearing selection of a final alternative. All alternatives will involve increases in connection and sewer service fees. (KDL)

## **LAND DISPOSAL**

### **30. Request for a Work Plan for Surface Water Discharges, Copperopolis, Calaveras County**

In a letter dated 16 May 2007, staff requested a work plan to characterize the lateral and vertical extent of mine waste from several land and mineral right owners in the Copperopolis area. This mine waste is associated with springs which discharge bright blue water into the town's streets. This area is associated with a large copper mining district in and around the town of Copperopolis. Staff has collected samples of both soil and water where the springs surface. The analytical results indicated both soil and water contained elevated concentrations of copper and other associated metals at hazardous concentrations and above the water quality objectives. Based on these results, staff has determined the former mine waste is impacting water quality. The work plan is due 30 July 2007. (TAD)

### **31. Final Cover Improvements Proposed, Gerber Road Landfill, Sacramento County**

On 19 April 2007, staff met with the owner of the Gerber Road Landfill and staff of the Sacramento County Environmental Management Department and the California Integrated Waste Management Board (CIWMB) to discuss the potential grading and thickening of the final cover at the landfill. The landfill is located along Gerber Road near Excelsior Road and was closed during the 1970s with a thin soil cover. Since that time, settlement of the waste has resulted in areas that do not drain properly and the landfill fails to meet the CIWMB's minimum standards. The owner has recently negotiated to obtain approximately 340,000 cubic yards of soil from the Freeport Regional Water Project waterline project. The owner would use the soil to significantly thicken the cover and provide proper drainage. Still at issue is a 14-acre area at the southern portion of the site with extensive settlement that the owner would like to clean close and consolidate with the other waste under the CIWMB's Solid Waste Cleanup Program. Another meeting has been scheduled in early June to discuss this possibility. (WLB)

### **32. Final Phase Closure, City of Colfax, Colfax Landfill, Placer County**

On 15 May 2007, staff conducted an inspection of the Colfax Landfill to verify completion of the final phase of closure (Phase 3) required under the facility's WDRs. The inspection indicated that the Phase 3 closure work has been completed in accordance with project plans, however, the Discharger has not yet submitted a closure certification report for the project. On 23 May 2007, staff issued a staff enforcement letter to the Discharger requiring that this report be submitted by 27 July 2007, consistent with a schedule provided to the Local Enforcement Agency by the Discharger's consultant. (JDM)

### **33. Draft Cleanup and Abatement Order, Newton Copper Mine, Amador County**

On 14 February 2007, staff inspected the inactive Newton Copper Mine, Amador County. This mine is an inactive copper mine that historically processed ore on site. Past sampling has shown that the water quality of a stream that flows through the site is impacted with elevated levels of copper, total dissolved solids and sulfate, and that the pH is reduced. The February inspection has shown similar results with pH dropping from 7.53 to 4.1 and sulfate, copper and iron exceeding water quality goals. Staff has mailed out a draft Cleanup and Abatement Order requesting the Discharger to investigate and remediate the impacts from the mine. Comments to this draft are due 31 May 2007. (RDA)

### **34. Mercury Disposal at Western Regional Sanitary Landfill, Placer County**

On 7 May 2007, staff was notified that mercury of an unknown volume had been inadvertently disposed of at the Western Regional Sanitary Landfill. The mercury was received in a partial load of waste from the Taco Tree restaurant in Auburn. The mercury was in box of trash found near the restaurant by its manager on 4 May 2007. Not knowing that the box contained mercury, the manager disposed of the box in the restaurant's dumpster. He later discovered that mercury had leaked from the box onto the parking lot while it was being moved to the

dumpster and attempted to cleanup the mercury by using a broom and dustpan and absorbent material which were also placed in the dumpster. He then reported the spill to Placer County Department of Environmental Services. Placer County contracted with Parc Specialty Contractors for clean up operations.

Initial cleanup of the parking lot and affected areas was completed on 5 May 2007, but the decision was made to return on 8 May 2007 to clean the garbage dumpster. The dumpster was locked and wrapped with danger tape and garbage company was notified not to remove the dumpster. However, on the morning of 6 May 2007, the garbage company unlocked the dumpster, transferred the contents to a disposal truck, and transported them to the landfill.

When the landfill was notified of the mercury contamination, they moved disposal operations to another portion of the landfill, covered the 6 May disposal area with a tarp, placed a containment zone around it, and have since conducted mercury vapor sampling of the area and confirmed that minor amounts of mercury are being detected. The landfill has communicated with Board staff and is presently working with consultants to determine a course of action. DTSC has estimated that the amount of mercury initially disposed of was 2-4 fluid ounces. (JSH)

**35. Growth-Related Concerns, City of Isleton Wastewater Treatment Facility, Sacramento County**

The City of Isleton has substantially complied with the Time Schedule Order adopted in 2002, and may need to expand its wastewater treatment facility in the near future to accommodate growth. One residential project of 360 units has already been approved, a smaller project of 31 units is currently undergoing environmental review, and another 250-unit project is in the early planning stage. These projects are expected to nearly double the flow of wastewater in Isleton. On 26 April 2007, staff advised the City that, although the WWTF is currently operating at less than one-half of the permitted flow rate, certain concerns must be addressed before a significant number of additional connections are authorized. Staff requested that the Discharger submit a capacity analysis with a conceptual plan for expansion (as appropriate). Concerns about facility maintenance and an averted spill were also discussed. (ALO)

**SITE REMEDIATION**

**36. Record of Decision for 11 Strategic Sites at the Former McClellan Air Force Base is Delayed, Sacramento County**

In October 2006, the Proposed Plan for 11 Strategic Sites at the former McClellan Air Force Base was completed. The process included a 30-day public comment period and a public meeting in November 2006. The Air Force will be issuing a draft Record of Decision for the 11 sites following resolution with the U.S. Nuclear Regulatory Commission on jurisdictional authority over wastes contaminated with radionuclides. This may cause up to a year delay in issuing the ROD. The ROD will address 11 sites that are considered to be the most costly sites because they contain the largest volume of waste to be addressed at McClellan. The sites are a combination of large disposal pits, a former fire training area, and a small arms firing range containing volatile organic compounds, semi-volatile organic compounds, metals, petroleum hydrocarbons, and radionuclides in soil. The remedial action under CERCLA will address all 11 of the sites with the preferred remedies including excavation and consolidation of wastes into an engineered facility with a low permeability cover, low permeability bottom liner, and leachate collection system, and composite caps (engineered low permeability cover). (JDT)

**STORM WATER**

**37. Upper Laguna Creek Collaborative**

The Laguna Creek Regional Parkway, in Sacramento County, would host a contiguous system of trails, connecting the upper and lower watersheds of Laguna Creek and linking neighborhoods and other trail systems. It would also provide critical connectivity for wildlife, linking larger habitat preserves to one another. The trail system could connect with the American River Parkway via trails being planned by the City of Rancho Cordova. The Upper Laguna Creek Collaborative was formed to reduce the overall cost of development along Laguna Creek via: Fewer late-stage redesigns and delays, reduced process costs and duplication of effort, planned installation of a future growth Laguna interceptor sewer, streamlined environmental permitting, and less costly channel maintenance.

On 17 April Christine Sotelo attended the first session of the Upper Laguna Creek Collaborative (ULCC) technical workgroup focused on storm water control and drainage. On 30 April 2007, Greg Vaughn attended a meeting of

the Upper Laguna Creek Collaborative (ULCC) workgroup focused on environmental permitting. Multiple State Federal and County planning and permitting agencies attended. The ULCC has made significant progress toward planning the future development of the creek corridor with multiple agencies' and developers' support through a comprehensive creek corridor master plan. The goal is to develop a master plan by December 2008. We met as a collaborative to discuss how to streamline the agency's permitting process for completion near the same time the master plan is completed. It is hoped that programmatic permits can be issued in accordance with a watershed master plan as opposed to multiple individual and time consuming permits. (GKV)

**GENERAL**

**38. Fresno Office Wins Bike to Work Corporate Challenge Again**

For the second year in a row, the Fresno Branch Office has won its category for the Second Annual Bike to Work Corporate Challenge, which is sponsored by the Fresno County Cycling Coalition to promote bicycling as a viable means of commuting to work. On 17 May 2007, a total of 20 riders, or approximately 40% of the full-time professional staff in the Fresno office, participated in the event. The aptly named Team Regional Water Board beat four other corporate teams in the medium team size category (11 to 20 riders). Each team earns points based on the number of miles participants rode their bikes from their homes to work. Bonus points could be earned if a manager from the organization rode a bike (Lonnie Wass, Supervising Engineer, and Russell Walls, Senior Engineer, were participating managers), if the office had a bike storage area, and if the office had showers and lockers available. Team Regional Water Board scored a total of 582 points, rolling over its nearest competitor, Reedley Community Medical Providers, by 234 points. For its efforts, Team Regional Water Board will receive free Bike to Work T-shirts and have a lunch catered at the office. Twenty-four teams and nearly 400 riders participated in the countywide event. (GJI)

Dane Mathis was the Employee of the Month for the Fresno Office for the month of April. Dane is an engineering Geologist who normally works in the underground Tank Unit. However, Dane has been temporarily assigned to work on NPDES permits. Dane has accepted the challenge well, learned the program quickly, and has been very helpful in preparing several NPDES permits.

**GRANTS AND FUNDING**

**39. Integrated Regional Water Management (IrwM) Grant Program - Proposition 50 (Update)**

In May 2007 the State Water Board and Department of Water Resources solicited oral and written comments on the Draft Guidelines for a second round of implementation grants. There is up to approximately \$21 million available for Northern California with maximum grant awards of \$25 million per grant. The anticipated round 2 time schedule is Guidelines approval in mid-June, Applicant Workshops mid-July, and Application due date 8/1/07. (PDB)

**40. Small Community Wastewater Grant (SCWG) Program - Propositions 40 and 50 (Update).**

This grant program will administer approximately \$21 million dollars statewide to provide funding for publicly owned wastewater treatment and collection facilities for small communities with financial hardships. The maximum grant award is \$2 million. Initial Scopes of Work have been received from 34 applicants within Region 5. Under the Executive Officer's signature a Competitive Projects List, based on the SCWG Guidelines classification and ranking criteria, will be submitted to the State Water Board on 8 June 2007. The State Water Board is expected to adopt a statewide Competitive Projects List in July 2007. (PDB)

Pamela C. Creedon  
Executive Officer  
21/22 June 2007

Addenda that follow:

- |                                                   |    |                  |
|---------------------------------------------------|----|------------------|
| Personal and Administration                       | 1. | Attachments      |
| Public Outreach                                   | 2. | Summary Report   |
| Completed Site Cleanups (UST)                     | 3. | Line Item Report |
| Irrigated Lands Conditional Waiver Program Report | 4. | Fund Report      |
| Future Board Activities                           | 5. |                  |

**EXECUTIVE OFFICERS REPORT  
PERSONNEL AND ADMINISTRATION  
May 2007**

**PERSONNEL**

<b>Total Positions</b>	<b>Vacancies</b>	<b>Gained</b>	<b>Lost</b>
244	30.5	5	9

**Gains:**

Spencer Joplin, Water Resource Control Engineer  
Janis Haag, Office Technician  
Victoria Westman, Environmental Scientist  
Lori Harner, Associate Government Program Analyst

**Return from LOA:**

Salina Saenz, Office Assistant

**Promotions :**

Rudy Schnagl, Environmental Program Manager I

**Separations:**

Richard McHenry, Senior Water Resources Control Engineer  
Mandy Lewis, Environmental Scientist  
Mark List, Senior Engineering Geologist  
Geoff Anderson, Water Resource Control Engineer

**Leave of Absence :**

Bahia Abdallah, Staff Services Analyst  
Dana Kulesa, Environmental Scientist  
Janis Cooke, Environmental Scientist  
Emily Alejandrino, Environmental Scientist

**Retired :**

James Rohrbach, Water Resources Control Engineer

**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

4/1/07 – 5/15/07

<b>Classes Provided</b>	<b>Date of Training</b>	<b># Attended:</b>
Microsoft Visual Basic Script Program	4/2/07	1
NPDES Permit Coding Training	4/2/07	1
Making the Transition to Supervisor	4/3/07	1
Pesticide Applicators Seminar	4/3/07	1
Warmf Training Workshop	4/3/07	2
Financial Assurances for Known...	4/4/07	8
Financial Assurances for Landfills	4/4/07	1
NPDES Permit Coding Training	4/4/07	1
Calaters TEC Training	4/9/07	36
Dredging 101	4/9/07	1
Interviewing for Inspectors	4/9/07	1
Calaters TEC Training	4/10/07	1
Environmental Enforcement Training	4/10/07	8
Introduction to Env. Enforcement	4/10/07	8
Word for NPDES Templates	4/10/07	3
Interviewing for Inspectors	4/11/07	1
American River Watershed Conference	4/12/07	8
Design of Stormwater Management Systems	4/12/07	2
Exec. Managers of Business Administration	4/13/07	1
Interviewing for Inspectors	4/13/07	1
Fund. of Containment Chemistry & Transport	4/17/07	2
Word for NPDES Templates	4/17/07	3
Calaters TEC Training	4/18/07	3
ISI-HTML01, THML 4.01 Programming	4/18/07	1
CalAters TEC Training	4/19/07	2
Jurisdictional Issues Related to Regs of Wetlands	4/19/07	2
Coordinated Management of Water Quality Prot	4/19/07	2
Introduction to Analytical Work	4/23/07	1
Moving Beyond Paradigms	4/24/07	1
ISI-HTML, THML 4.01 Programming level 2	4/25/07	1
Coaching and Editing Services for Tech. Writers	4/26/07	1
24-hour Hazardous Waste Operations	4/30/07	3
Biotic Lig and Model Course	5/3/07	2
Excel 2000 Level 1	5/3/07	1
Predicting Metals Tox to Aquatic Org: Intro to BLM	5/3/07	5
LED 602 Developing Groups and Teams 30630	5/7/07	1
Dealing with the Delta	5/8/07	1
Defensive Drivers Training	5/8/07	1
Haz Mat Tech/Specialist Refresher	5/8/07	2
Leadership in Perf. Evaluation	5/8/07	5
Ca. Employee Geologic Symposium	5/9/07	3
NorCal SetAC Annual Meeting	5/9/07	2
Current Issues in Ecotoxicology	5/10/07	1
409B Basic Supervision	5/14/07	1
2007 Bioassessment Workshop	5/15/07	1
Grammer	5/15/07	1

## PUBLIC OUTREACH

On 11 April, Kim Schwab, was the keynote speaker at the “Got SWPPP” workshop held at the Port of Stockton. The workshop was sponsored by WGR Inc., Environmental Consultants. SWPPP stands for Storm Water Pollution Prevention Plan, which is a technical document required of those who apply for an Industrial or Construction General Permit under the State’s storm water program. Ms. Schwab discussed the Regional Water Board’s role in regulating the municipalities in San Joaquin County and industrial/construction permittees. Other topics included inspector training, effectiveness of the pollution prevention program, erosion and sediment control BMPs (Best Management Practices), and how to implement a SWPPP.

On 12-13 April Stephanie Fong and Robert Holmes attended the American River Watershed Conference. Stephanie made a presentation on current issues in water and sediment quality analysis in the American River Watershed. Robert presented a review of current Surface Water Ambient Monitoring Program (SWAMP) urban creek pyrethroid pesticide and sediment toxicity monitoring data as part of the stormwater management session. The conference was well attended by stakeholders interested in watershed assessments, fisheries, and land use.

On 13 April Lori Webber attended the Resource Management Committee (RMC) meeting in Lakeport. The RMC made up of agencies and other interested parties concerned with the management of Clear Lake and its watershed. Ms. Webber gave them an update on the Clear Lake nutrient

On 17 April, Executive Officer, Pamela Creedon, was the keynote speaker at the Targeted Opportunities for Pollution Prevention of San Joaquin County (TOPPS) workshop. This year’s workshop theme was titled “Solutions for Compliance 2007.” TOPPS is a one-of-a-kind organization in the State of California. Representatives from businesses, government, and civic organizations from TOPPS, whose mission is to inform, enhance, and support San Joaquin County businesses, industry and agriculture in their efforts to better the environment and improve financial performance by minimizing pollution of our air, water and land.

On 19 April Stephanie Fong attended the American River Watershed Group monthly meeting. Stakeholders visited restoration sites in the Dutch Flat area and discussed possibilities for future projects and funding opportunities.

On 19 April Dan Little attended the bimonthly meeting of the Upper Laguna Creek Collaborative (ULCC). The ULCC’s focus is to preserve ecological habitat to the greatest extent possible considering encroaching development. The objective is to establish working relationships among governmental agencies, private stakeholders, landowners, and developers. The Sacramento Valley Conservancy (SVC) gave a presentation. The main function of the SVC is to acquire lands for open space preservation

On 20 April Stephanie Fong participated in a Statewide Blue-green Algae Workgroup teleconference. The Workgroup finalized revisions to the blue-green algae guidance in preparation for release to Regional Board Executive Officers and Assistant Executive Officers. After Regional Board comments are incorporated, the guidance will be available online to the public. The guidance will be a “living document” that is continually updated as information becomes available.

On 21 April, Anthony Toto and student assistant Bethany Mills participated in the City of Visalia’s 7th annual Earth Day Celebration. Anthony and Bethany answered questions, handed out literature and demonstrated the Enviroscape Watershed Model.

On 24 April, Anthony Toto attended River Restoration Forum. The main topic of discussion was the terms of the recent San Joaquin River restoration settlement agreement. The panel included Monty Schmitt, Natural Resources Defense Council; Bill Luce, Friant Water Authority; Paula Landis, California Department of Water Resources; Jason Phillips, Bureau of Reclamation; Bill Loudermilk, California Department of Fish and Game; Steve Chedester, San Joaquin River Exchange Contractors; Dave Koehler, River Parkway Trust.

On 25 April, Executive Officer Pamela Creedon, gave a presentation on the Central Valley Board Irrigation Lands Program and dairy regulatory programs at the 2007 Spring Ag Outlook Conference sponsored by the California Chapter of the American Society of Farm Managers and Rural Appraisers (ASFMRA).

On 26 April Joe Karkoski and Gene Davis met with representatives from PG&E to discuss the data PG&E submitted as part of the 2008 303(d) list update. PG&E submitted data and information related to the Federal Energy Regulatory Commission re-licensing of their hydropower projects.

On 27 April Joe Karkoski and Paul Hann met with stakeholders who provided comments on the Sacramento and Feather River Basin Plan Amendment considered by the Board at its May hearing. Joe and Paul discussed the changes that were made to the staff report and Amendment in response to comments.

On 27 April Jerrold Bruns and Karen Larsen attended the Delta Vision Blue Ribbon Task Force meeting. The Task Force panel heard presentations on other activities related to Delta visioning and planning, legislation and litigation related to the Delta, science considerations, summaries of draft memoranda developed to provide context on delta issues, and on work being conducted by the Delta Vision Stakeholder Coordination Group. The Task Force will continue meeting frequently through the summer and is slated to release a draft Delta vision recommendation in November 2007.

On 27 April, Guy Chetelat participated in the Deer Creek watershed action committee tour of Deer Creek watershed. The tour covered key watershed issues such as erosion and water quality and proposed management strategies.

On 30 April Karen Larsen attended the CALFED Bay Delta Public Advisory Committee Performance and Finance Subcommittee meeting. Ms. Larsen presented draft water quality performance measures being developed by the CALFED water quality implementing agencies. The group also discussed the retrospective CALFED program performance assessment developed by the CALFED Performance and Tracking Program staff.

On 30 April Joe Karkoski and Robert Holmes attended a Pyrethroid Pesticide Forum hosted by the Department of Pesticide Regulation. Joe presented information related to the Water Board's role in preventing pesticide toxicity through State and Federal mandates. DPR, pesticide registrants, the Pyrethroid Working Group (PWG), consultants, and other stakeholders also made presentations, which are posted online at <http://www.cdpr.ca.gov/docs/registration/reevaluation/chemicals/pyrethroids.htm>

On 30 April 2007, Eric Rapport spoke with the sixth grade of Grant Elementary School on geologic hazards. Topics included local population growth, construction hazards, and groundwater pollution.

On 30 April, Andrew Jensen participated in a public and multi-agency workshop, hosted by the Local Government Commission, that links local land use decisions with the protection of water quality, using the "Ahwahee Water Principles". The workshop was for county and city planning commissioners and staff to increase awareness of the links between land use decisions and impacts on water quality, water resource management and habitat protection. The workshop included discussions of low impact development, landscape selection to reduce water demands, retain runoff, decrease flooding, and increase groundwater recharge, and water recycling.

On 1 May Pamela Creedon, Ken Landau, Jerry Bruns, Joe Karkoski, Petra Lee, and Robert Holmes met with the Chief Environmental Officer of Scott's Miracle-Gro and his staff. Scott's discussed some of their current and planned stewardship efforts to reduce lawn runoff of their consumer lawn care products.

On 2 May, Dennis Heiman attended the bi-monthly Board meeting of Directors meeting of Sacramento River Watershed Program.

On 2 May, Eric Rapport attended a public meeting hosted by DTSC at the Chico City Council Chambers to discuss the Draft Final Remedial Action Plan for the Chico Central Plume, a large chlorinated solvent plume undergoing long-term pump and treat. Staff attended in support of DTSC.

On 7 May Karen Larsen attended the Sacramento River Watershed Program Monitoring Subcommittee meeting. The group discussed a proposal for conducting a pilot study to determine the feasibility of developing a regional

monitoring program for the Sacramento valley. Ms. Larsen presented information on the Regional Water Board's Surface Water Ambient Monitoring Program coordination activities.

On 8 May, Alan Cregan met with Sustainable Winegrowing Alliance members for a tailgate meeting in the Visalia area to discuss various aspects of the Irrigated Lands Program. Topics discussed included program elements, Basin Plans, Coalition organization and responsibilities, toxicity testing (how and why), and preliminary results of the sampling programs.

On 8 and 9 May, Executive Officer Pamela Creedon attended the special CIWQS Panel Review held in Orange County.

On 9 May, Jorge Baca Jr. and Kerry Elliott of the Ag and Planning Unit presented water cycle and storm water protection issues to approximately 150 Jr. High and limited English speaking students from the Academy for New American Students. The bi-lingual presentation took place at Fresno County Office of Education's, Scout Island Educational Center and was part of the Natural Resources Conservation Day for the Academy for New American Students. The purpose of the program is to enhance ecosystem and natural resource education and awareness.

On 9 May, Dennis Heiman attended the monthly meeting of the Churn-Stillwater Creek Watershed Alliance.

On 9 and 10 May, Bill Croyle met with Sustainable Winegrowing Alliance members for a tailgate meeting in Madera to discuss various aspects of the Irrigated Lands Program. Topics discussed included the conditional waiver orders adopted in June 2006, status on development of new Coalition Group Monitoring and Reporting Program Order, Coalition Group participant information, the application process for growers wanting to join Coalitions after the 31 December 2006 deadline, enforcement efforts, and water quality monitoring results.

10 May, Executive Officer Pamela Creedon gave a speech at a news conference held in Fresno to kick off the City of Fresno's Salt is Serious Campaign. This is a public outreach and education program for residents in the Fresno area as to why salt is a concern and provides ways to reduce the use of salt in their homes.

On 10 May Robert Holmes and Stephanie Fong attended the Northern California Regional Chapter of the Society of Environmental Toxicology and Chemistry. Robert Holmes presented preliminary data collected from a Surface Water Ambient Monitoring Program (SWAMP) statewide assessment of urban creek sediment toxicity. Robert's presentation included urban creek sediment toxicity data from eight Water Board regions.

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

On 11 May Karen Larsen attended the CALFED Bay Delta Public Advisory Committee Water Quality Subcommittee meeting. Ms. Larsen presented an update on the development of the Central Valley Drinking Water Policy. The group also heard presentations on the Drinking Water Quality Program final assessment, a pilot project on advanced treatment for Delta water users, and the retrospective CALFED performance assessment.

On 11 May, Kim Schwab assisted the Storm Water Detectives of the City of Lodi while they were performing field sampling of water quality in the Mokelumne River as part of the City's storm water program. The Storm Water Detectives are Lodi High School Honors Biology students who volunteer as teams on Friday afternoons. Kathy Grant, City of Lodi staff, organizes the teams representing four local high schools.

On 14 May, Kim Schwab and State Water Board staff met with the Storm Water Detectives (high school students) and members of the public at the Lodi Public Library. The students presented this year's storm water quality data to an audience of approximately 25 that included the City of Lodi Public Works Director, parents, and interested citizens. State Water Board staff were impressed with the quality of the class presentation and stressed that gathering and interpreting water quality data is critical for assessing impacts to beneficial uses. State Water Board staff followed the student's power point presentation with their own while discussing the importance of assessing physical impacts and hydromodification of storm water runoff. Their presentation engaged the audience and prompted some lively discussion. They concluded by describing their academic backgrounds and career paths and offered suggestions on academic preparation. City of Lodi staff remarked that they appreciate

State and Regional Water Board involvement in student activities and hope that we will continue to be actively involved.

On May 15 Karen Larsen and Holly Grover participated in the Central Valley Drinking Water Policy Workgroup Meeting. The group discussed Regional Water Board water quality goals, treatment analysis, potential analytical modeling, and salinity and pathogen conceptual modeling.

On 15 May, James Taylor participated in Restoration Advisory Board meeting at the Lions Gate Hotel at McClellan Park, California. This is a public meeting where agencies inform the public of cleanup issues at Department of Defense facilities and enlist their comments. The main topics for the meeting were a review of the process to elect a community co-chair and an open RAB discussion to provide RAB members time to ask questions and foster discussion about stakeholder group concerns or comments.

On 15 May, Dennis Heiman met with representatives of the Northern CA Water Association and the Sacramento River Watershed Program to discuss possible collaboration on the SWRCB/DWR Integrated Regional Water Management Program.

On 15 May, Guy Chetelat attended the Tehama County RCD Board meeting concerning ongoing RCD projects including the Tehama West Watershed Management planning process.

On 16 May, Dennis Heiman attended the quarterly meeting of the Pit River Watershed Alliance to discuss development of a Pit River watershed management plan (funded by CALFED Watershed Program).

On 16 May Lori Webber attended a meeting of the Clear Lake TMDL Stakeholder group. The group discussed the development of a Memorandum of Understanding to implement the mercury and nutrient TMDLs in Clear Lake. The group also began working on the monitoring and implementation plans required by the TMDLs.

On 16 May 2007, Executive Officer, Pamela Creedon, participated in the Management Committee of Delta Long Term Management Strategy (LTMS) for dredging and dredged material reuse. Other participants included management staff from the US EPA, US Army Corps of Engineers, US Fish and Wildlife Services, Department of Water Resources, Delta Protection Commission, and the Bay-Delta Authority. The meeting was dedicated to discussing the LTMS project status, the Work Plan, and the initiation of technical work groups.

On 17 May, Board Member Dan Odenweller, Executive Officer Pamela Creedon and Patrick Morris, Senior Engineer in the TMDL Planning Section gave separate presentations at the Annual CVQWA Conference held at McClellan Business Park. Over 130 individuals attended the event.

On 17 May, Guy Chetelat participated in the Tehama County RCD technical advisory committee meeting concerning development of the Tehama West Watershed Management Plan (funded by CALFED Watershed Program).

On 17 May Kenneth Landau and Stephanie Fong attended the American River Watershed Group monthly meeting in Auburn. Mr. Landau had been requested to speak on the Colfax Wastewater Treatment Plant. The Group has discussed the treatment plant with the City and with interested parties at previous meetings. Ms. Fong attended the meeting as the liaison between the Group and the Board.

On 18 May, Kelly Briggs, Alan Cregan and Lisa Stultz participated in a meeting with University of California (U.C.) Cooperative Extension Farm Advisors at the Kearney Agricultural Center in Parlier. Staff provided an update on Irrigated Lands Program elements, including: the conditional waiver orders adopted in June 2006, status on development of a new Coalition Group Monitoring and Reporting Program Order, Coalition Group participant information, the application process for growers wanting to join Coalitions after the 31 December 2006 deadline, enforcement efforts, and water quality monitoring results. Staff also gave a PowerPoint presentation showing photos of the types of discharges from agricultural operations that have been observed in the southern part of the Central Valley. Terry Prichard with UC Cooperative Extension gave a presentation on a recent effort addressing a pesticide exceedance in a Management Plan area. The group then discussed Management Plan approaches.

On 21 May, Pamela Creedon, Jack Del Conte, Bill Marshall, Greg Vaughn and Kim Schwab met with the Lake County/Clearlake/Lakeport MS4 Phase II Permittees. The Permittees presented their program; strengths, weaknesses, significant issues, and future visions relative to their Phase II Small Municipal Separate Storm Water System NPDES permit. Pamela Creedon offered her insights into how a small municipality can prioritize their resources to ensure the protection of the beneficial uses of their major waterway, Clearlake.

On 21 May, Margie Lopez Read attended the Pesticide Registration and Evaluation Committee Meeting held at the CalEPA Building and presented a brief summary of the monitoring data that is being incorporated into a summary report for the Program.

On 22 May, Kelly Briggs, Taro Murano and Wendy Stewart participated in a meeting with University of California (U.C.) Cooperative Extension Farm Advisors at U.C. Davis. Staff provided an update on Irrigated Lands Program elements, including: the conditional waiver orders adopted in June 2006, status on development of a new Coalition Group Monitoring and Reporting Program Order, Coalition Group participant information, the application process for growers wanting to join Coalitions after the 31 December 2006 deadline, enforcement efforts, and water quality monitoring results. Terry Prichard with UC Cooperative Extension gave a presentation on a recent effort addressing a pesticide exceedance in a Management Plan area. The group then discussed Management Plan approaches.

On 22 May Joe Karkoski and Mark Gowdy attended a CalFed Bay-Delta brown bag presentation by Russ Brown from Jones and Stokes. Russ discussed a proposal for changing the flow through the Delta to route San Joaquin River water past the pumps.

On 22 May Robert Holmes attended the Pharmaceuticals and Personal Care Products (PPCPs) in the Environment Conference hosted by the Department of Toxic Substances Control. National experts presented data on the occurrence of PPCPS in the environment, how these chemicals may be affecting the environment, and regulatory issues associated with PPCP management.

On 22 May 2007, Eric Rapport attended a meeting along with DTSC at ABB Inc. ABB Inc. interviewed DTSC and Regional Water Board Redding office staff about the Skyway Plume, a large chlorinated solvent plume in south Chico. ABB, Inc., the identified discharger, requested information on site history, interested parties, and appropriate points of contact, pursuant to a public participation plan.

On 22 May 2007, Eric Rapport met in Chico with representatives of the Butte Environmental Council, an activist group interested in south Chico groundwater. Topics generally included data access and regularly scheduled public meetings.

On 23 May, Pamela Creedon, Jack Del Conte, Bill Marshall, Greg Vaughn and Kim Schwab met with the Port of Stockton MS4 Phase I environmental department. The Port presented their program; strengths, weaknesses, significant issues, and future visions relative to their Phase I Municipal Separate Storm Water System NPDES permit.

On 23 May Stephanie Fong attended a presentation by the ORICA and CURES. ORICA has developed Landguard OP-A, a new treatment to remove organophosphorus and pyrethroid pesticides from water and soil. The group presented results from their trial studies.

On 23 May Lori Webber attended a workshop, conducted by Tetra Tech, on the water quality model that was used to develop the Clear Lake nutrient TMDL. The purpose of the workshop was to teach representatives from local agencies about the model so that they would be able to use it as a tool for tracking TMDL implementation.

On 23 May, Dennis Heiman attended a meeting of the Deer Creek Watershed Advisory Committee that provides guidance and oversight to the Deer Creek Conservancy program.

On 23 to 25 May, Steve Rosenbaum attended the Sierra Nevada Mining Toxics Initiative's conference on mining impacts in the Sierras. The conference focused on arsenic, mercury, and asbestos contamination related to historic mining activity. The conference was part of a broad effort to characterize the impacts of mine waste being

conducted by The Sierra Fund with support from The California Endowment and the Richard and Rhoda Goldman Fund.

On 30 May, Dennis Heiman attended the Cow Creek Watershed Management Group's community meeting to provide input on the status of that management program.

On 30 May, Executive Officer Pamela Creedon on behalf of Chair Karl Longley participated in a tour of the Red Rock Ranch and the Grasslands Water District as part of the International Center for Water Technology, Fresno/GE Special Scoping Team.

## COMPLETED SITE CLEANUP

### 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

### Kings County

#### A&M Market, 20510 Main Street, Stratford

The site is a convenience store that formerly conducted retail motor fuel sales. UST system releases were discovered during 1988 and 1994 UST removals. Investigation between 1998 and 2001 defined the approximate extent of gasoline constituents in soil and groundwater. Impacted soil was removed during 2003. TPH-g, benzene, and MTBE were detected at 290, 0.89, and 22 micrograms per liter during the final post-remedial groundwater monitoring event during June 2004. Shallow groundwater is of poor quality and cannot be used for domestic or agricultural purposes. Deep water supply wells at least 1,000 feet from the site provide the vicinity water supply. Additional investigation during 2005 and 2006 determined that impacted soil remaining beneath a portion of the facility building did not pose a significant health risk. The groundwater monitoring system was destroyed during late 2006 after public notification was conducted. This case was closed April 2007. (JDW)

## REDDING OFFICE

### Shasta County

#### Kay Bee Gas and Liquor, 9192 Deschutes Road, Palo Cedro

In 1996, the Regional Water Board became lead agency after the Discharger identified petroleum pollution during UST and related soils removals. In 2003, the Discharger found MtBE in a nearby private domestic well, and in 2005, destroyed it under County permit. While the Discharger has evaluated cost-effectiveness of active cleanup, native bacteria are degrading remaining pollution. Statistical analyses indicate groundwater will likely meet water quality goals in around ten years. (EJR)

## SACRAMENTO OFFICE

### Placer County

#### Toms Sierra Service Station #71 Case#2, 1774 South Canyon Way, Colfax

This former retail fuel station now operates as a tire store. The site's two 10,000 gallon USTs, one gasoline and one diesel, were abandoned in-place in November 2001. No hydrocarbon impacts were noted in the top 10 feet of soil, and no hydrocarbon constituents were detected in a soil vapor sample collected from the site's former SVE well. All four of the closest nearby receptors do not appear to have been impacted by the unauthorized release and are unlikely to be impacted as the small residual hydrocarbon mass continues to degrade. Groundwater monitoring indicates that only minor concentrations of petroleum hydrocarbons remain in groundwater beneath the site, that the residual contaminant mass is limited in its extent, that it has not migrated any significant distance, and that it continues to degrade. Therefore, the residual hydrocarbon mass does not pose a threat to human health or waters of the state. (PRS)

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

### **Sacramento County**

Dial One DW Erfert Painting, 2500 Sutterville Road, Sacramento  
Folsom State Prison, Green Valley Conservation Site, 300 Prison Road, Represa  
Food & Liquor No 122 (Tower Mart), 5960 24th Street, Sacramento  
Former Exxon Service Station #7-0202, 4626 Manzanita Avenue, Carmichael  
Former Sacramento Jet Facility, 5868 Flightline Circle, Sacramento

### **San Joaquin County**

Former Diamond Lumber, 151 S. Main Street, Manteca

Local Agency UST Closures Independent of Board Staff Review

### **Fresno County**

George's Exxon, 7259 North Blackstone Avenue, Fresno  
SEM Group Car Wash, 3094 East McKinley Avenue, Fresno

### **Merced County**

Foster Farms Livingston Truck Stop, 1000 Swan Street, Livingston  
Foster Farms Collier Road, 14519 Collier Road, Livingston

## **IRRIGATED LANDS CONDITIONAL WAIVER PROGRAM**

### **Joint State Water Board / Central Valley Water Board Meeting**

The State Water Resources Control Board (State Water Board) sent a memorandum dated 18 May 2007 to the Central Valley Regional Water Quality Control Board (Central Valley Water Board) requesting a joint meeting of the State Water Board and Central Valley Water Board for the first week of August. The purpose of the meeting is to afford interested members of the agricultural community and the public an opportunity to hear staff updates on implementation of the Conditional Waivers and to address questions and suggestions to the decision makers. State Water Board staff have identified several issues they believe should be addressed. The issues, summarized in the memorandum, are related to the Monitoring and Reporting Program, discharger participation, water quality and management plans, coordination with other agencies, Coalition Group compliance, and long-term program development status.

### **Draft Revised Monitoring and Reporting Program (MRP)**

Staff held a teleconference meeting about technical review with Pamela Creedon and Brock Bernstein, a representative of the Southern California Coastal Water Research Project (SCCWRP) on 25 May 2007 to discuss the Coalition Group Monitoring and Reporting Program. SCCWRP has been provided with the existing MRP Order R5 2005-0833, as well as with the working draft of the Coalition Group MRP that had been developed using the advisory capacity of the Technical Issues Committee. The teleconference discussion centered on the program objectives and the materials that SCCWRP might need to perform their evaluation of the Coalition Group Monitoring and Reporting Program.

### **Water Quality Monitoring Workshop**

Irrigated Lands Program staff has been developing summaries of monitoring conducted throughout the Central Valley Region by Coalition Groups and U.C. Davis for the Irrigated Lands Program. The intent is to make the monitoring data available to the Board members and to the public in a Workshop Forum at a Central Valley Water Board meeting. The data will inform the Board about the first three years of monitoring which could assist in decision-making with respect to future Monitoring and Reporting Program design.

Draft tables and maps for the four zones have been prepared and shared with Coalition Groups and stakeholders in several meetings. These water quality monitoring summaries will be presented at the Central Valley Water Board's August 2007 meeting.

### **Enforcement**

The Central Valley Water Board has issued over 1400 California Water Code (CWC) section 13267 Orders to recipients in 19 out of the 38 counties within its boundaries, accounting for 6,683 parcels and over 930,000 parcel acres. Recipients are required to provide a technical report describing their agricultural operation(s), if they have obtained regulatory coverage, and they haven't, the reason for not doing so. In late 2006, 429 Notices of Violation (NOVs) were issued to recipients that failed to comply with the CWC section 13267 Orders. To date, 92 recipients have still failed to respond to these Orders. Forty site inspections (addressing 22 non-responders) have been conducted to date to assist staff in developing recommendations for further enforcement. Failure to comply with a CWC 13267 Order is a misdemeanor and CWC section 13268(b)(1) authorizes Water Boards to issue Administrative Civil Liabilities in the amount of up to a \$1000 per day for each day the violation occurred.

### **Applications for Regional Board Approval to Join Coalition Groups**

Amended Conditional Waiver Order No. R5-2006-0053 established a deadline of 31 December 2006 by which irrigated lands owners and/or operators must join Coalition Groups. Coalition Groups can no longer accept new participants directly. Growers that did not obtain regulatory coverage for their waste discharges under the Coalition Group Irrigated Lands Conditional Waiver by the deadline must now file with the Central Valley Water Board, with the appropriate filing fee, a Notice of Intent for coverage under the Conditional Waiver for individuals or a Report of Waste Discharge to obtain a grower-specific permit (Waste Discharge Requirements), unless they can demonstrate that they meet one of the conditions in Amended Conditional Waiver Order No. R5-2006-0053 that would allow them to join a Coalition Group. The Executive Officer must approve all applications to join a Coalition Group.

An application must be completed and submitted to the Central Valley Water Board to apply for approval to join a Coalition Group. In the application the grower must identify the conditions that apply and provide supporting documentation. The application forms are accessible online at the Central Valley Water Board web site at: [http://www.waterboards.ca.gov/centralvalley/programs/irrigated\\_lands/index.html](http://www.waterboards.ca.gov/centralvalley/programs/irrigated_lands/index.html) - AppApproval

Staff receives daily phone calls from landowners and/or operators requesting information about the program and the application process. Coalition Groups are also sending growers the application forms or directing them to the Central Valley Water Board web site. To date, 88 applications have been received. These applications encompass over 34,000 acres of land and 362 parcels.

Staff has prepared and submitted recommendations to the Executive Officer for 29 applications. The Executive Officer approved 18 of the applicants to join a Coalition Group and 11 applicants were not approved. Applicants who are ineligible to join a Coalition Group will receive information regarding the Individual Conditional Waiver and Waste Discharge Requirements. Staff will work with individuals to ensure compliance with California Water Code and Water Board plans, policies and orders.

### **Management Plans**

Staff from the TMDL program and the Irrigated Lands Program have been meeting in order to develop consistency in the development of Management Plans, and in order to clarify the roles and responsibilities when a TMDL is linked to irrigated lands as one of the non point sources.

### **San Joaquin County and Delta Water Quality Coalition**

On 4 May, the San Joaquin County and Delta Water Quality Coalition submitted four revised management plans for the sub-watersheds Mokelumne River, Kellogg Creek, Potato Slough, and Terminous Tract Drain. The Coalition has submitted 13 management plans to date. The plans are designed to address toxicity, pesticides, metals, and physical parameter exceedances in the respective areas. Staff is currently evaluating the management plans. In June, staff expects delivery of several additional revised management plans to discuss specific constituent monitoring and additional outreach at other sub-watersheds.

The Coalition's revised management plans focus on seven core objectives: (1) source identification; (2) informing growers of sampling results and identifying management practices (MPs) currently in place; (3) conducting meetings to inform growers about MPs; (4) provide support to growers to implement MPs; (5) to evaluate the effectiveness of MPs; (6) work with pesticide retailers and Pest Control Advisors to assist with outreach, and; (7) anticipate potential water quality problems caused by agricultural inputs.

### **Westside San Joaquin River Watershed Coalition**

The Westside San Joaquin River Watershed Coalition submitted a proposed management plan on 28 February to address multiple constituents at several locations within the Coalition boundaries. On 12 March, Coalition representatives met with John Swanson, Margie Lopez-Read, and Bill Croyle to discuss staff comments on the plan. At the meeting, modifications to the Coalition's monitoring program were prioritized for further review, revision and approval. Staff is preparing additional comments for the Westside Management Plan, for which certain aspects of the strategies to address waste discharges include modifications to their routine monitoring program.

### **East San Joaquin Water Quality Coalition**

The East San Joaquin Water Quality Coalition has submitted 18 Management Plans that cover all constituents for which there have been two or more exceedances in that water body. Staff is currently reviewing them management plans and comments will be provided to the Coalition so that changes can be made and final management plans can be approved.

### **Sacramento Valley Water Quality Coalition**

Staff is working with representatives from the Sacramento Valley Water Quality Coalition in order to determine which monitoring sites exhibited more than one exceedance, which would meet the requirement for the development of a management plan. Additionally, staff will meet with the Coalition to discuss the progress on the two existing management plans for Diazinon in the Sacramento River and for the Yolo Bypass exceedances. These topics and schedules were discussed with the Coalition at a meeting held on 23 May 2007.

### **Coalition Group Coordination**

John Swanson met with Westside Coalition Representatives in Los Banos on 27 March 2007, and discussed some of the monitoring results for the Zone 3 area, which includes Westside Coalition, as well as San Luis and East San Joaquin Water Quality Coalition.

Margaret Wong and Margie Lopez Read held a teleconference with the California Rice Commission (CRC) on 11 April 2007 to discuss their monitoring program for the year 2007. Other topics included a discussion about management plans and a pending renewal of the CRC Monitoring and Reporting Program.

John Swanson and Dania Huggins attended the quarterly meeting of the East San Joaquin Coalition in Merced on 27 April 2007, and discussed some of the monitoring results for the Zone 3 area, which includes the East San Joaquin Water Quality Coalition, as well as Westside and San Luis.

The San Luis Coalition has submitted a Notice of Termination in May 2007, and their members are being incorporated into the Westside Coalition.

Dana Kulesza, Dania Huggins, and Margie Lopez Read met with the East San Joaquin Water Quality Coalition on 2 May 2007 in order to discuss the transition of Dania Huggins as interim staff lead for their coalition. Other topics of the meeting were the 18 Management Plans that have been submitted by the Coalition, and the monitoring report review progress.

Margaret Wong inspected rice farm operations in Glenn County on 22 May 2007. Later, she met with Butte County Agricultural Commissioner staff in Oroville to discuss rice field operations on the eastside of the Sacramento River. These meetings were in preparations for drafting the California Rice Commission Monitoring and Reporting Program (MRP).

Jodi Pontureri and Margie Lopez Read met with the Sacramento Valley Water Quality Coalition on 23 May 2007 to discuss various topics, including Management Plans and the status of proposed changes to the existing Coalition MRP Plan.

A Notice of Violation (NOV) was sent to Goose Lake Coalition on 24 May 2007 for failure to submit monitoring reports and technical reports according to the requirements of the Irrigated Lands Program. It has been noted by staff that renewed efforts at compliance have been taking place by Goose Lake Coalition staff members.

On 13 April, Margaret Wong visited various rice fields being prepared for planting in Glenn and Butte counties with the Agricultural Commissioner staff of the respective counties. This was an informational tour on rice operations within each county, and the different practices of rice farming between the East and West side of the Sacramento River.

## **FUTURE BOARD ACTIVITIES**

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

### **August 2007 Board Meeting**

- Irrigated Lands Program Discussion – Joint Meeting with State Board
- Irrigated Lands Program Monitoring Data Zone Report
- Delta Mercury TMDL adoption hearing
- Selenium Control Program Status Report

### **NPDES Permits**

- Amador Water Fisheries (new)
- Folsom Collection System (rescission)
- I'sot Geothermal Project
- Lodi WWTP
- Mariposa PUD WWTP
- Nevada County, Cascade Shores WWTP
- Oxy USA, Kern Front Field
- Pace Diversified, McVan Area Posos Creek Oil Field
- Sierra Pacific, Burney Division
- Sierra Pacific, Martel
- Tehama Co. SD #1
- Yuba CWD, Forbestown WTP

### **Waste Discharge Requirements**

- Gallo Columbard Dairy Anaerobic Digester
- Shift Individual Dairy WDRs to General Order
- Bonzi Landfill
- Kiefer Road Landfill

### **September 2007 Board Meeting**

- Irrigated Lands Program Monitoring Program revision hearing
- Selenium Control Program Update

### **NPDES Permits**

- Bell Carter Olive Company
- Jackson WWTP
- Malaga CWD WWTP
- Mariposa PUD WWTP
- Nevada County, Cascade Shores WWTP
- Placerville WWTP
- RMK Mine
- Shasta Lake WWTF
- Shea Company, Fawndale Rock & Asphalt
- USDA Aquatic Weed Laboratory
- Vacaville, Easterly WWTP
- Williams WWTP
- Yuba City WWTP

## **TENTATIVE NPDES PERMITS AND ADMINISTRATIVE DRAFTS**

Administrative Draft NPDES Permits have been issued for the following facilities:

- Lodi WWTP, San Joaquin County (renewal)
- Modesto Irrigation District WTP, Stanislaus County (renewal)
- Yuba City WWTP, Sutter County (renewal)

## **TENTATIVE NPDES PERMITS HAVE BEEN ISSUED FOR THE FOLLOWING FACILITIES:**

- Ameripride, Sacramento County (new permit)
- Bell Carter Plant No. 1, Tehama County (renewal)
- Burney Forest Power, Sawmill & Cogen Plant, Shasta County (renewal)
- Colfax WWTP, Placer County (renewal)
- Davis WWTP, Yolo county (renewal)
- El Dorado Hills WWTP, El Dorado County (renewal)
- Mt. Shasta WWTP, Siskiyou County (renewal)
- North Yuba Water Agency WTP, Butte County (renewal)
- Placer County SMD No. 3, Placer County (renewal)
- Redding Stillwater WWTP, Shasta County (renewal)
- Titan 1-A Missile Facility, Placer County (rescission)
- Kiefer Landfill, Sacramento County (WDR revision)
- California Nuggets, San Joaquin County (draft CAO)
- Newton Mine, Calaveras County (draft CAO)
- Sierra Pacific Industries, Amador County (draft CAO)
- Newmont Mining Company, Grass Valley (draft CAO)
- Bonzi Landfill, Stanislaus County (WDR revision)

# California Regional Water Quality Control Board, Central Valley Region

Fiscal Data Based on April 2007 Expenditures  
(An average of 83.3% should have been expended to date)

## PERSONAL SERVICES

Our personal services budget is \$23.6 million. We have spent 81% of these funds. We do not expect to overspend this portion of our budget.

We continue to recruit for all authorized vacant positions.

## OPERATING EXPENSES

As of April, we have spent 107% of our operating expense budget. This month State Board reduced our CAA contract allotment below what had already been spent. They are correcting this error. Once this has been restored we will have spent 89% of our operating budget. We have processed all year-end purchases and we expect to expend most of the remaining funds.

## FUND ISSUES

<i>Key Fund Sources</i>	<i>Percent Expended</i>
<i>General Fund</i>	<i>80.0%</i>
<i>Federal Funds</i>	<i>78.0%</i>
<i>Waste Discharge Permit Fund</i>	<i>82.0%</i>
<i>Bonds Prop 40, 50, 13, etc.</i>	<i>75.6%</i>

We monitor and track 28 different fund sources and we are not projected to overspend any fund source.

Our Prop 40 Bond funds had to be fully spent by the end of December. Staff, adjusted their work to spend as much of these funds as possible. We expended 100% of these funds that were available for us to spend.

## FY 07/08 UPDATE

The proposed Governor's Budget is still working its way through the legislature. At this time we are not aware of any significant changes that would impact our organization.

State Board continues to monitor the budget process. At this time we expect our next year budget to be very similar to what we are authorized this fiscal year.

FISCAL MANAGEMENT SYSTEM

Expenditure Organization Summary

for the month ending April 06/07

Fund Source	\$ Allotment	\$ Expenditures	% Expended
NFS Pollution Control Program-Prop 13 -- (00BOND-NPSC)	488,412	309,207	63.3
State Revolving Fund Administration -- (00BOND-SRF)	0	0	0.0
Watershed Protection Program -- (00BOND-WPP)	315,195	238,304	75.6
Cleanup & Abatement Account-Management -- (CAA)	3,210,083	3,516,455	109.5
F(104B3) -- (F(104B3))	0	0	0.0
Total Maximum Daily Load (TMDL) -- (F(104MERC))	0	0	0.0
NPDES -- (F(106))	154,111	136,637	88.7
Non-Point Source -- (F(319H))	938,743	761,770	81.2
DoD Cost Recovery -- (F(DOD-CR))	94,379	65,427	69.3
Lawrence Livermore - Site 300 -- (F(LL300))	115,724	84,427	73.0
Sacramento River Toxic Program -- (F(SRTP))	58,807	14,500	24.7
General -- (G)	6,532,957	5,228,192	80.0
Indirect Distributed Cost -- (IDC)	0	0	0.0
-- (IDC-D)	0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	1,803,257	1,510,191	83.8
Proposition 50 -- (PROP 50)	587,990	453,688	77.2
Proposition 40/2002 -- (PROP40)	223,330	219,572	98.3
Aerojet Gen Corp Oversight of Cleanup -- (R(ABROJET))	193,746	142,159	73.4
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	251,744	86,198	34.2
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	21,608	19,564	90.5
CALFED Cooperative Program -- (R(CALFED))	487,661	288,628	59.2
Redevelopment Agency Reimbursements -- (R(REDEVEL))	0	0	0.0
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	1,180,371	936,781	79.4
Westley and Tracy Tire Facilities -- (R(WESTLEY))	5,454	1,371	25.1
Surface Impoundment Assessment Account -- (SIAA)	196,394	163,689	83.4
State/Federal Revolving Fund-Federal -- (SRFPED)	12,759	15,085	118.2
Tobacco Tax -- (TBT)	164,776	138,798	84.2
Underground Storage Tank Cleanup Fund -- (UTSCF)	2,783,949	2,347,098	84.3
Waste Discharge Permit Fund -- (WDPF)	14,460,599	11,856,149	82.0
<b>TOTAL</b>	<b>34,282,049</b>	<b>28,533,890</b>	<b>83.2 %</b>

ORGANIZATION -- Region 5

PERSONAL SERVICES	POSITIONS/PYS		EXPENDITURES			% EXPENDED
	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE		
Authorized Positions						
Permanent Positions	256.8	18,552,939	14,306,603	4,246,336		77 %
Temporary Help	0.0	0	22,634	( 22,634)		0 %
Overtime		0	7,451	( 7,451)		0 %
Board Stipend		12,000	7,800	4,200		65 %
Total Authorized Positions	256.8	18,564,939				
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	256.8	18,564,939				
Salary Savings	( 12.8)	( 770,960)				
Net Total Salaries	244.0	17,793,979				
Staff Benefits		5,788,251	4,673,537	1,114,714		81 %
TOTAL PERSONAL SERVICES (PS)	244.0	23,582,230	19,018,025	4,564,205		81 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL						
General Expense		270,755	215,186	55,569		79 %
Printing		47,421	17,490	29,931		37 %
Communications		159,729	98,520	61,209		62 %
Postage		26,935	17,139	9,796		64 %
Travel In-State		238,876	97,131	141,745		41 %
Travel Out-Of-State		3,160	0	3,160		0 %
Training		47,653	51,017	( 3,364)		107 %
Facilities Operations		1,361,867	1,134,434	227,433		83 %
Utilities		226,581	93,412	133,169		41 %
Contracts - Internal		0	349,009	( 349,009)		0 %
Contracts - External		1,632,987	1,959,616	( 326,629)		120 %
Consolidated Data Center		0	0	0		0 %
Central Adm.Serv. - Prorata		0	0	0		0 %
Central Adm.Serv. - SWCAP		0	0	0		0 %
Equipment		38,500	0	38,500		0 %
Other		0	295,777	( 295,777)		0 %
TOTAL OPERATING EXPENSE & EQUIPMENT (OEE)		4,054,464	4,328,731	( 274,267)		107 %
TOTAL PS & OEE		27,636,694	23,346,756	4,289,938		84 %
Indirect		6,595,370	5,187,136	1,408,234		79 %
GRAND TOTAL		34,232,064	28,533,892	5,698,172		83 %

## ***Pelagic Organism Decline in the Sacramento-San Joaquin Delta***

### ***Recent Toxicity Findings***

Since 2005, UC Davis has conducted toxicity screening of waters in the Delta and Suisun Bay as part of the Interagency Ecological Program's studies of the role of contaminants in the pelagic organisms decline (or POD). Studies in 2005 and 2006 focused on the summer months when juvenile Delta smelt are present in the Delta. To better characterize toxicity during the smelt spawning period, bi-weekly toxicity screening was initiated in January 2007. Preliminary evidence suggests potential toxicity in the Delta this winter and spring in locations where Delta smelt were spawning this year. There is no evidence of direct toxicity to the Delta smelt, however, there could be effects on their food species.

The screening tests suggested organophosphate (OP) pesticides or pyrethroid pesticides were potential causes of the toxicity, however, follow-up studies were inconclusive and chemical analyses either detected no pesticides or the concentrations detected were not high enough to cause toxicity to the test species. It is important to note that these results have not yet been subjected to QA/QC review so are very preliminary and must be interpreted with caution.

Regional Board staff was not notified of these results until late May, at least two months after the toxicity was detected. As a result, there was no opportunity to recommend immediate follow-up actions to determine the potential toxicants or their sources. Regional Board staff is actively working with the POD Contaminants Work Team to develop communication and action plans that outline immediate actions that should be taken when toxicity is detected. Per Regional Board staff recommendations, researchers are collecting additional samples upstream of the toxic sites in an attempt to identify the source and cause of toxicity. In addition, they have begun toxicity screening with hatchery-spawned Delta smelt.

Regional Board staff also reviewed data from several sources to determine whether other monitoring programs detected toxicity or pesticides during the winter-spring 2007 time period. Data sources include the Sacramento River Watershed Program, the Irrigated Lands Program, Sacramento Area Coordinated Monitoring Program, City of Stockton Stormwater Program, and Department of Pesticide Regulation Environmental Monitoring Program. The data rarely show OP pesticides measured in the Sacramento River and when OPs were detected, they were at levels that are not expected to cause toxicity to test organisms. There is less data available for pyrethroid pesticides in the Sacramento River because recent studies have focused on areas closer to potential sources such as urban and agricultural drains. Researchers agree that due to the chemical properties of pyrethroids, widespread water column toxicity from pyrethroids in the Sacramento River and Delta is unlikely.

In addition to pesticides, wastewater discharges, agricultural discharges, and low dissolved oxygen in the San Joaquin River are potential sources of toxicity in the Delta. These issues and the Regional Board's response to each are summarized below.

### **PESTICIDES**

The Regional Board has been concerned about OPs and other pesticides in Delta water since the late 1980s. In the early 1990s, toxic concentrations of OP pesticides were present in the Rivers and Delta channels for several days at a time. In response, the Regional Board developed and adopted TMDLs to reduce concentrations of diazinon and chlorpyrifos in the Delta and tributaries. The OP TMDLs also include provisions to ensure that replacement pesticides, such as pyrethroids, do not become a problem. Urban uses of the OPs have been phased out, the overall agricultural use of diazinon and chlorpyrifos has been significantly reduced and new label restrictions have been adopted to reduce the amount of pesticides that enter waterways from agricultural operations. As a result of the TMDLs and associated activities (e.g., collaboration with DPR, County Agricultural Commissioners and pesticide manufacturers), the concentrations of diazinon and chlorpyrifos in the Delta and upstream tributaries has decreased dramatically.

Several studies document toxicity from pyrethroid pesticides in urban and agricultural drainage dominated streams in the Delta watershed. As I indicated previously, there is limited information about concentrations of pyrethroids in the Sacramento River and Delta channels. However, preliminary information from studies in urban areas suggests that toxicity associated with pyrethroids is mostly confined to the sediment and that the area of impact is not far downstream from the source. These studies have prompted DPR to place pyrethroid

pesticides under re-evaluation and to work with registrants to gather more information on fate and transport to evaluate whether there needs to be revisions to current label restrictions. There also is need to conduct more monitoring for pyrethroids in the Delta to better characterize potential impacts.

#### AGRICULTURAL WASTEWATER DISCHARGES

Irrigated agriculture is certainly one source of pesticides in our waterways. Through our Irrigated Lands Program we have been working with Coalitions to identify constituents of concern through monitoring, identify sources of pollutants, and develop and implement corrective action when needed. Much work remains to be done, but, as was already mentioned, monitoring data has not shown toxic concentrations of pesticides in Delta waterways that would indicate that runoff from agricultural lands is a definitive cause of the POD.

#### SAN JOAQUIN RIVER DISSOLVED OXYGEN

The San Joaquin River at Stockton can have long periods of low dissolved oxygen; sometimes no oxygen is detectable. Oxygen levels were approaching 3 mg/L last week, about half of the desired oxygen concentration. The Board has adopted a TMDL for the dissolved oxygen deficiency and is working toward better understanding and control of the problem. All of our regulatory actions, including NPDES, Stormwater, and dredging, address the oxygen problem. Artificial aeration of the river has been required as an offset of unmitigable oxygen demand from some projects. Those re-aeration facilities are all in operation. This low oxygen is certainly an impediment to the migration of salmon, but the impacts of low oxygen at Stockton and elsewhere in the Delta directly on smelt, and the impacts on the food supply for the smelt, is unclear and deserves study.

#### WASTEWATER TREATMENT PLANTS

NPDES Permits for the wastewater treatment plants in the heart of the Delta adopted over the last decade have included much more stringent discharge conditions recognizing the critical conditions of the Delta, including limited dilution, receiving water toxicity, low dissolved oxygen, and the presence of endangered species. These treatment plants have either completed major upgrades to include tertiary filtration and nitrification to remove ammonia, or are nearing completion of the upgrades. Stockton, for instance, is in startup of a major expansion that includes upgrading of its tertiary filtration system and installation of ammonia removal systems. The upgrades address toxicity and dissolved oxygen issues.

Regarding Stockton, the Regional Board was notified of a report of tagged juvenile salmon mortality in the lower San Joaquin River in May 2007. There are several possible explanations for the observed mortality including predation and possibly toxics. In response to this report, Regional Board staff inspected the Stockton Wastewater Control Facility on 22 May 2007, to evaluate if effluent discharges might have caused or contributed to the reported incident. The inspection did not reveal any strong evidence to link the salmon mortality with Stockton's discharge. In addition, UC Davis researchers collected samples from the area and screened them for toxicity and found no toxicity to fish or invertebrate test organisms. Unfortunately, I have no definitive explanation of why the tagged salmon apparently died at this location, but it does not appear to be caused by toxicity in the Stockton discharge.

#### ***Interagency Ecological Program POD Studies Update***

In mid-2005, IEP launched investigations into the cause of the Delta species declines. The initial studies aimed to determine what changed at the same time as the decline, how and why the change occurred, and whether it could affect pelagic organism populations. These studies focused on three major categories influencing fish abundance: physical and chemical habitat (defined as salinity turbidity and contaminants), loss (through predation or entrainment), and food availability. During the State Water Board's hearing on POD in March 2007, IEP researchers presented a summary of the data analyzed to date, which show that habitat quality, particularly in the fall months, has deteriorated and this could be linked with greater salinity intrusion into the Delta while direct toxicity does not appear to be significant. Loss through entrainment at export pumps or predation could be important factors in the decline. During the POD years, there have been increases in water exports in the winter as well as increases in salvage of adult fishes at the export pumps. Limited data also suggest that loss from predation of larvae by inshore dwelling species, such as large mouth bass, could affect abundance as well. Finally, food availability may also be contributing to the POD. Abundance of good food species declined during POD years, while the invasive, lower food quality species abundance has increased. Hence, there is a strong case for multiple factors affecting pelagic organism abundance. Each species is affected differently and at different times of the year depending on their life cycle and location in the estuary.

The 2005 results synthesis report is available for download at [http://science.calwater.ca.gov/pod/pod\\_synthesis.shtml](http://science.calwater.ca.gov/pod/pod_synthesis.shtml). The 2007 POD study plan also summarizes the state of knowledge and is available at [http://science.calwater.ca.gov/pdf/workshops/POD/IEP\\_POD\\_2006-7\\_Workplan\\_011207.pdf](http://science.calwater.ca.gov/pdf/workshops/POD/IEP_POD_2006-7_Workplan_011207.pdf).

IEP's next steps are to continue many of the same studies into 2007 and 2008, building on previous results, developing life cycle models for the species of interest, and summarizing data gathered to date into a synthesis report. IEP will compile the synthesis report in coordination with the National Center for Ecological Analysis and Synthesis, a national leader of scientific institutions of ecology citations in peer-reviewed journals. The draft synthesis report is scheduled for completion in late 2007. The CALFED Independent Science Board will review the draft and the revised final report will be completed in 2008. (kll)