

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



**EXECUTIVE OFFICER'S REPORT
February 3, 2011**

ITEMS IN THIS REPORT

SUCCESS STORIES	2
COMPLIANCE AND ENFORCEMENT	8
SANITARY SEWER OVERFLOWS/SPILLS LEAKS/OTHER COMPLAINTS/THREATS.....	15
TMDL/BASIN PLANNING	18
SALINITY AND CV SALTS	19
DAIRIES	20
GRANTS	21
GENERAL	22
IRRIGATED LANDS REGULATORY PROGRAM (ILRP)	23
STAFF RECOGNITION	26
PUBLIC OUTREACH.....	31
PERSONNEL AND ADMINISTRATION	34
FISCAL REPORT	35
FUTURE BOARD ACTIVITIES.....	38

SUCCESS STORIES

1 **Sacramento Industrial Storm Water Unit Update**

In April last year, the Board's Sacramento office realigned its industrial storm water staff person into the construction storm water unit in the Compliance and Enforcement Section. This move enabled greater flexibility within the storm water program and improved coordination between staff. As a result, industrial storm water inspections are up from 22 last year to over 100 so far this year as field work is coordinated among all storm water staff. The industrial storm water permit requires dischargers to submit annual monitoring reports each year which provide water quality data, observation results, and site compliance evaluations. For Sacramento, this means about 1,100 reports are reviewed each summer. This year, staff and students performed this work and sent letters asking for site improvements to 179 sites which exceeded benchmark water quality criteria. Staff also contacted over 200 sites who had not submitted the annual reports. Through phone calls, inspections, and written notices, the number of missing reports was reduced to a handful and then with the help of State Board's Office of Enforcement, Administrative Civil Liability Complaints were issued to four sites with histories of non-submittal. (SER)

2. **ACL Order No. R5-2010-0535, Eddie Duane Smith Trust, Madera Transportation**

In 1996, two underground storage tanks (USTs) were removed from Madera Transportation, 305 E Street, Madera, and gasoline was detected in soil. The responsible party was issued a Letter of Commitment from the UST Cleanup Fund, but failed to investigate the release. CAO No. R5-2007-0726 was issued in 2007 and required the responsible party to investigate and clean up the release. The responsible party did not investigate the release, and in 2009 ACL Complaint No. R5-2009-0512 was issued for \$126,500. The responsible party subsequently investigated the release, which was found not to pose a threat to human health or the environment. Through negotiations, the ACL was lowered to \$11,250, and the ACL Order issued for that amount on 4 November 2010. The ACL was paid in full on 18 November 2010. (JWH)

On 1 December, Greg Cash attended a Groundbreaking Ceremony for the Installation of Sewer Lines for the Chapman-Mulberry Neighborhood in the City of Chico. Representatives from the Butte County and the City of Chico were at the ceremony. Supervisor Jane Dolan indicated that the project is finally coming to fruition and is a significant landmark for improving the health and quality of life for residents of the Chapman-Mulberry Neighborhood. The sewer construction project is the response by the City of Chico to a 1990 Prohibition Order from the Central Valley Water Board to require all septic systems in the Greater Chico Urban Area to hook up to the City sewer service. This project will be completed in six construction phases, and is anticipated to be complete by the year 2017.

3. **Dunn's Sand, 15602 Avenue 206, Visalia, Tulare County**

A no further action determination was issued for Dunn's Sand facility on 17 December 2010. Soil at the site had been impacted by elevated concentrations of petroleum hydrocarbons including diesel and motor oil. An assessment indicated that impacts were limited to soil at depths of less than 10 feet. Impacted soil was excavated and treated on-site in a biocell covered to prevent impacts to air quality. Confirmation soil samples indicated that petroleum hydrocarbon concentrations had declined to below cleanup levels and the soil was spread on-site. (JEA)

4. **No Further Action Determination, Former Holly Sugar Facility, Holly Drive, Tracy, San Joaquin County**

The Site is the location of a former sugar beet facility operated by Holly Sugar. Spreckels Sugar is the current property owner. In November 1990, about 500 to 800 gallons of No. 6 fuel oil spilled from a 420,000-gallon aboveground storage tank in the northeast corner of the facility. Spreckels emptied the tank in 1997 and no longer operates it. Monitoring wells were sampled eight times between July 2005 and October 2008. A fate and transport analysis shows that concentrations remaining at the Site would not migrate offsite. The remaining levels of petroleum hydrocarbon constituents do not pose a threat to human health, the environment, or waters of the State. A deed restriction with San Joaquin County was filed on 3 September 2010. Monitoring wells were destroyed. A No Further Action letter was issued on 28 December. (KS)

5. **Chevron Environmental Management Co. for the Banta Road – UPRR Project in Tracy, San Joaquin County**

On 6 January 2011, a No Further Action (NFA) Required Determination was issued to Chevron Environmental Management Co. for the Banta Road – UPRR Project in Tracy, San Joaquin County. The project was one of the current 50+ historical Old Valley Pipeline and Tidewater Associated Oil Co. pipeline sites between Bakersfield and Antioch being overseen by Fresno office staff. Numerous sites along the historical pipelines are affected by crude oil leaks to both soil and groundwater. Chevron Environmental Management Co. is responsible for resolution of the environmental issues associated with the leaks with oversight by Regional Board staff. The NFA process included a Human Health Screening Evaluation, issuance of a Soil Management Plan and notification of all property owners within the affected area for comments regarding the closure. No comments were received. (SRG)

6. **No Further Action Required - Underground Storage Tanks (UST)**

Following are sites where Board staff determined that investigation and remediation work may be discontinued and that no further action is required. Further, any residual hydrocarbons remaining do not pose a threat to human health and safety or anticipated future beneficial uses of water. This determination is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations requires public notification when the Board determines that corrective actions have been completed and that no further action is required at a leaking underground storage tank site. This document serves to provide public notification.

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

a) **FRESNO OFFICE**

• **City of Parlier Shop, 780 Tulare Street, Parlier**

The responsible party removed two USTs in 1994, and low concentrations of gasoline and diesel were detected in soil. Fresno County referred the site to the Board in 2009. A soil boring was drilled through the former USTs' location in 2010, and no petroleum hydrocarbons were detected. The case was closed on 23 December 2010. (JWH)

• **7-Eleven #21303, 3805 North Hughes Avenue, Fresno**

The responsible party removed three gasoline USTs in 1993, and gasoline was detected in soil. Heavier hydrocarbons not related to the UST release were also detected. The majority of the contaminated soil was removed, but Fresno County did not close the site and transferred the case to the Board in 2008. Staff concluded that the remaining gasoline and heavier hydrocarbon masses were unlikely to threaten human health or the environment. Less than 100 pounds are estimated to remain in subsurface soil. The case was closed on 8 November 2010. (JDW)

• **Shell, 7090 North Blackstone Avenue, Fresno**

In October 2002, a self-directed assessment by the owner identified petroleum hydrocarbons in soil and groundwater at the site. In 2005, fueling facilities were removed, the service station demolished, and 400 cubic yards of soil with petroleum hydrocarbons removed from the site. The petroleum hydrocarbon mass removed was not estimated. Soil vapor extraction performed from January 2009 to March 2010 removed 798 pounds of petroleum hydrocarbons. Groundwater monitoring from 2007 to 2010 detected no petroleum hydrocarbons in groundwater. The case was closed on 3 December 2010. (WWG)

• **Beacon Station #537, 798 West Gettysburg Avenue, Fresno**

The responsible party removed three USTs in 1991 at which time gasoline was detected in soil samples. No groundwater impacts were identified. Remediation by soil vapor extraction was conducted for about 30 days, removing an estimated 3,100 pounds of petroleum hydrocarbons, and a new service station building was constructed on top of the former UST location. In 2008, Fresno County referred the case to the Board, and case review identified only soil vapor as a concern from the old release. The responsible party completed soil vapor sampling to demonstrate there were no significant soil vapor concentrations in soil. The case was closed on 3 December 2010. (WWG)

- **Aratex Services, Inc., 3333 North Sabre Drive, Fresno**

Gasoline and diesel fuel releases were identified in soil beneath fuel dispensers in 1992, and contaminated soil was excavated. Soil vapor extraction (SVE) was performed at the site from 1994 through 2002, in conjunction with groundwater extraction and treatment to clean up tetrachloroethene in site soil from a former dry-cleaning operation. Petroleum hydrocarbon mass removal estimates are not available. The SVE system was restarted in 2005 and continues in operation for non-petroleum hydrocarbon cleanup. In 2008, Fresno County referred the case to the Board, and soil assessment was completed to verify that no significant residual petroleum hydrocarbons remain. The case was closed on 3 December 2010. (WWG)

Madera County

- **Ripperdan Market, 6820 Highway 145, Madera**

The responsible party removed three gasoline USTs in 1999, and gasoline was detected in soil. Subsequent investigations identified gasoline in groundwater, which threatened nearby domestic wells. The site was remediated using soil vapor extraction and air sparging, and an estimated 13,500 pounds of gasoline were removed. By 2009, groundwater beneath the site met water quality objectives. The case was closed on 3 November 2010. (JWH)

- **Gas N Stuff, 33127 Road 222, North Fork**

The responsible party removed three gasoline and one diesel USTs in 1998, and gasoline was detected in soil. Subsequent investigations detected gasoline in the shallow aquifer, which threatened the deeper fractured rock drinking water aquifer. The site was remediated using soil vapor extraction and ozone injection, and an estimated 2,600 pounds of gasoline were removed. By 2009, water quality objectives were met in the shallow and deep aquifers for all constituents except benzene, which slightly exceeded the Primary MCL in one shallow monitoring well. Benzene should meet the MCL within a few years. Soil vapor was tested and found not to pose a threat to indoor air. The case was closed on 16 November 2010. (JWH)

- **Madera Transportation, 305 North E Street, Madera**

The responsible party removed a gasoline UST in 1996, and gasoline was detected in soil. After issuance of a cleanup and abatement order in 2007 and an administrative civil liability complaint in 2009, a 2009 investigation detected some gasoline constituents at a depth of 20 feet, but no benzene. No gasoline was detected above or below that depth. Groundwater is at about 110 feet beneath the site. The case was closed on 23 December 2010. (JWH)

b) SACRAMENTO OFFICE

Contra Costa County

- **Shell Branded Service Station, 2838 Lone Tree Way, Antioch**

This site is an active Shell service station that currently has three USTs. Contamination was discovered in November 2002. Monitored natural attenuation demonstrated a stable plume. Estimated residual mass in groundwater is 6.51 kg of gasoline, 0.024 kg of benzene, 0.59 kg of MtBE and 6.4 kg of TBA. The remaining constituents of concern in groundwater are predicted to reach water quality goals in one to 15 years. The site does not pose a threat to groundwater quality or human health and safety. All groundwater monitoring wells were abandoned according to Contra Costa County standards in September and October 2010. A No Further Action letter was issued for the site on 9 November 2010. (PMV)

Lake County

- **Lakeport Shell, 301 South Main Street, Lakeport**

This UST was removed in December 1997, and an unknown quantity of soil was removed from the tank pit. Lake County Division of Environmental Health submitted an Unauthorized Release Form to the Board in January 1998. Initial contaminant mass released was estimated to be 100 pounds, with remaining mass estimated to be less than 18 pounds. Contaminant concentrations in soil and groundwater at the site have attenuated over the last four to five years to levels which no longer pose a significant threat to human health and safety or to groundwater beneficial uses. The site was closed under a low risk scenario in December 2010. (GTM)

Placer County

- **4325 Pacific Street, Rocklin**

This Site is an active cardlock and petroleum distribution facility. In October 2003, during the replacement of select product lines, obvious petroleum staining was observed. To remove the hydrocarbons, the product line trenches were over-excavated, and about 169 cubic yards of contaminated soil were removed. A combination of over-excavation and natural attenuation has removed more than 420 pounds of petroleum hydrocarbons, and no hydrocarbons remain in groundwater above water quality objectives. The site was closed on 27 October 2010. (PRS)

- **333 Sunrise Avenue, Roseville**

This site operated as a retail fuel station from 1962 through 1975 when its former UST system was excavated and removed, all buildings razed and the parcel converted into a roadway and paved parking lot. More than 1,100 pounds of petroleum hydrocarbons are estimated to have been removed from the site since 1993. The residual hydrocarbon concentrations remaining in groundwater are expected to attenuate below established water quality objectives by 2016, and no supply wells are located within 2,000 feet of the Site. The Site was closed on 27 October 2010. (PRS)

- **Former Church Street USTs, 101-108 Church Street, Roseville**

In July 2007, a 500-gallon UST and a 100-gallon UST, believed to be former heating oil USTs, were excavated and removed from the site along with 60 tons of contaminated soil. Over-excavation removed about 217 pounds of petroleum hydrocarbons, and the residual groundwater plume does not appear to extend more than 75 feet beyond the former USTs. Additionally, now that the source has been removed, the residual constituents are expected to attenuate below water quality objectives in about 10 years. The site was closed on 30 November 2010. (PRS)

- **Roseville Corporation Yard, 200 Corporation Yard Road, Roseville, Placer County**

In August 1997, two 6,300-gallon USTs (one gasoline and one diesel) were removed from the site. Remedial efforts including over-excavation, groundwater extraction and soil vapor extraction, which removed more than 23,000 pounds of petroleum hydrocarbons. Residual concentrations are expected to attenuate below water quality objectives by 2020, no supply wells are located within 2,000 feet, and the closest surface water body is more than 1,000 feet away. The remaining constituents are unlikely to pose a threat to human health or further affect waters of the State as they continue to attenuate. The site was closed on 21 December 2010. (PRS)

San Joaquin County

- **Geweke Land Development, 16 South Cherokee Avenue, Lodi**

During removal of USTs in August 1985, petroleum hydrocarbons were observed in soil. The Executive Officer issued Cleanup and Abatement Order Nos. 90-702 and 93-701 in March 1990 and March 1993, respectively. Enhanced In-Situ Biodegradation using hydrogen peroxide and ozone occurred over a 15 year period, destroying an estimated 20,000 pounds of gasoline. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 26 October 2010. (JLB)

Sutter County

- **ARCO #0489, 525 Colusa Avenue, Yuba City**

When the USTs were removed in October 1989, petroleum hydrocarbons were observed and contaminated soil was over-excavated. Soil vapor extraction and air sparging were conducted from 1994 to 1996 and site closure was granted in 2000. During a subsequent due diligence investigation, a second release was discovered in April 2001. Additional soil was over-excavated. An estimated 1,810 pounds of gasoline was removed by the two cleanups. After all monitoring wells were properly abandoned and public participation was complete, the second case was formally closed on 20 December 2010. (JLB)

- **Circle K Store #01156, 1263 Franklin Avenue, Yuba City**
During UST system pressure testing in June 1986, petroleum hydrocarbons were observed leaking from a pipe into soil. The USTs were removed and soil over-excavated in December 1997. Soil vapor extraction and air sparging were used to clean up soil and groundwater from 2000 to 2002, removing 1,718 pounds of gasoline. A groundwater extraction system ran from 2000 to 2009, removing an additional 285 pounds of gasoline. Periodic oxygen injections into wells occurred from 2007 through 2009. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 20 December 2010. (JLB)
- **Shell #204-8670-0113, 1280 Bridge Street, Yuba City**
During a pre-tank replacement assessment in August 1989, petroleum hydrocarbons were observed in soil. The Executive Officer issued Cleanup and Abatement Order No. 92-710 in October 1992. Soil vapor extraction and air sparging were conducted from 1993 through 1995, removing 11,000 pounds of gasoline. Dual phase extraction in 2005 and periodic high vacuum groundwater extraction from 2005 to 2006 removed 5 additional pounds of gasoline. After all monitoring wells were properly abandoned and public participation was complete, the case was formally closed on 7 October 2010. (JLB)

Yolo County

- **Proposed Dialysis Clinic, 2500 West Capitol Avenue, West Sacramento**
During an exploratory geotechnical investigation, three USTs were found and all were properly removed. Soil and groundwater pollution was identified. About 160 cubic yards (about 190 tons) of affected soil were over-excavated and properly disposed. Based upon sampling data, soil excavation and natural attenuation were determined adequate to protect human health and safety and water quality. It is estimated that 70 pounds of gasoline and 0.2 pounds of diesel remain and will continue to degrade over time. Modeling indicates there is no threat of vapor intrusion. Public participation was conducted without any adverse comments, and all monitoring wells were properly abandoned in November 2010. The case was formally closed on 18 November 2010. (DFS)
- **Holsclaw Property (Growers Air Service), 41167 County Road 27, Woodland**
In 1996, two USTs were removed from the site, and soil samples indicated gasoline and possibly motor oil hydrocarbons remained in soil below the former USTs. From 1998 through 2009, soil and groundwater investigations defined the limits of gasoline hydrocarbons in soil and groundwater; motor oil was not considered a threat to groundwater. A No Further Action letter was issued on 8 November 2010. (DFS)
- **Former 76 Service Station, 1556 East Main Street, Woodland**
In 1993, four USTs were removed. Following numerous soil and groundwater investigations, remedial actions were implemented, including soil over-excavation, dual phase extraction, and use of Oxygen Release Compound. About 2,000 pounds of contaminants were originally identified. Following remedial efforts, only about 150 pounds remain. Water quality objectives will be achieved beneath the site within 30 years. The site was formally closed on 19 November 2010. (DFS)
- **Former Taylor Bus Service, 3130 Duluth Street, West Sacramento**
On 14 March 1997, one UST and associated dispenser were removed from the site. As a result of natural attenuation it is estimated that no more than 3.18 pounds of TPH remain. The TPH will continue to attenuate, and water quality objectives should be met within 60 years. The site is not proposed to change from a commercial use area during that time. The release no longer poses a threat to human health and safety or water quality. The site's monitoring wells and vapor wells were properly abandoned in early November 2010 and the case was closed on 3 December 2010. (DFS)
- **Greyhound Lines, 1874 South River Road, West Sacramento**
The USTs were removed in May 1995 and an unauthorized release was identified. Groundwater monitoring has shown all water quality objectives are met, and the site poses no threat to the environment or human health and safety. It is estimated that less than 3 pounds of petroleum hydrocarbons remain in soil and groundwater and will continue to decline over time. All wells have been properly abandoned, and the site was formally closed on 10 December 2010. (DFS)

Local Agency UST Closures with Concurrence of Board Staff

Merced

Bronco Chevron, 1948 Blossom, Dos Palos
Wallace Transport, Inc., 9290 East Planada, Planada

Sacramento

Montgomery Contractors, 3611 51st Avenue, Sacramento
Yeager Tile Company, 4617 Auburn Boulevard, Sacramento

San Joaquin County

Caltrans Shop 10, 1603 B Street, Stockton
Quik Stop Station # 076, 1030 Olive Avenue, Stockton
Speedy Food Mart, 8200 North Hwy 99, Stockton
Stockton Plating, 6325 South El Dorado Street, Stockton

Tulare

Red Triangle Oil Company, 38440 Highway 99, Kingsburg
Frank L. Mariani, 22648 Avenue 95, Terra Bella

COMPLIANCE AND ENFORCEMENT

1. Cleanup and Abatement Order R5-2010-0703, City of Patterson Water, Stanislaus County

On 7 December 2010, the Executive Officer issued a Cleanup and Abatement Order to the City of Patterson's wastewater treatment facility for chronic failure to comply with certain effluent limits of the Waste Discharge Requirements. The CAO requires the City to submit quarterly progress reports; a performance evaluation report; a sludge evaluation workplan; a sludge evaluation report; a sludge dewatering centrifuge construction completion report; and a corrective action completion report. (GJC)

2. Cleanup and Abatement Order R5-2010-0705, Robbins, Sutter County

On 17 December 2010, the Executive Officer issued Cleanup and Abatement Order (CAO) R5-2010-0705 to the Sutter County Public Works Department for the Robbins Wastewater Treatment Facility. The purpose of the CAO is to formalize a proposed plan to replace failing wastewater tanks and sand filters, which affect disposal capacity at the treatment facility. (BPK)

3. Water Code Section 13267 Request for Technical Reports, City of Angels Wastewater Treatment Facility, Calaveras County

On 2 December 2010, the Executive Officer issued a Notice of Violation and Request for Technical Reports under Water Code Section 13267 to the City of Angels for six spills of reclaimed wastewater that occurred between 2008 and 2010. Most of the 3.1 million gallons spilled reached surface water. The City of Angels is required to submit a *Recycled Water Spill Assessment and Control Plan*, which must include an explanation of the cause of each spill and its plan to prevent future spills. Staff is evaluating enforcement options. (MLB)

4. Administrative Civil Liability Complaints Issued to Industrial Stormwater Facilities

On 7 January 2011, the Executive Officer issued ACL Complaints to four industrial stormwater facilities who had not submitted annual monitoring reports. The California Water Code requires a minimum penalty of \$1,000 per report plus staff costs. All four ACL Complaints were issued for the statutory minimum amount.

- a) **Toyautomart**, an auto dismantling facility in Sacramento County, for a penalty of \$9,375 for failing to submit the 2008, 2009, and 2010 annual monitoring reports;
- b) **V & O Auto Dismantling**, an auto dismantling facility in Sacramento County, for a penalty of \$7,925 for failure to submit the 2009 and 2010 annual monitoring reports;
- c) **Elite Ready Mix**, a concrete batch plant in Sacramento County, and for \$7,850 for failure to submit the 2009 and 2010 annual monitoring reports; and,
- d) **Recycled Fibers**, a waste paper collection and recycling facility in San Joaquin County, for \$6,925 for failure to submit the 2010 annual monitoring report. (SER)

5. Administrative Civil Liability Complaints for Mandatory Minimum Penalties

On 7 January 2011, the Executive Officer issued the following ACL Complaints for Mandatory Minimum Penalties (MMPs) pursuant to California Water Code section 13385:

a) **ACL Complaint R5-2011-0500 was issued to the El Dorado Irrigation District, El Dorado Hills Wastewater Treatment Plant, El Dorado County.**

The MMPs were in the amount of \$3,000 for a violation of effluent limitations from the El Dorado Hills Wastewater Treatment Plant for alpha-BHT that occurred during the period 1 August 2009 through 30 September 2010.

b) **ACL Complaint R5-2011-0501 was issued to the California Department of Parks and Recreation, Empire Mine State Historical Park, Nevada County.**

The MMPs were in the amount of \$54,000 for violations of effluent limitations from the Empire Mine State Historical Park for arsenic, color, dissolved oxygen, iron, manganese, pH, total suspended solids, and turbidity that occurred during the period 1 August 2010 through 31 July 2010.

c) **ACL Complaint R5-2011-0502 was issued to the City of Rio Vista, Beach Wastewater Treatment Plant, Solano County.**

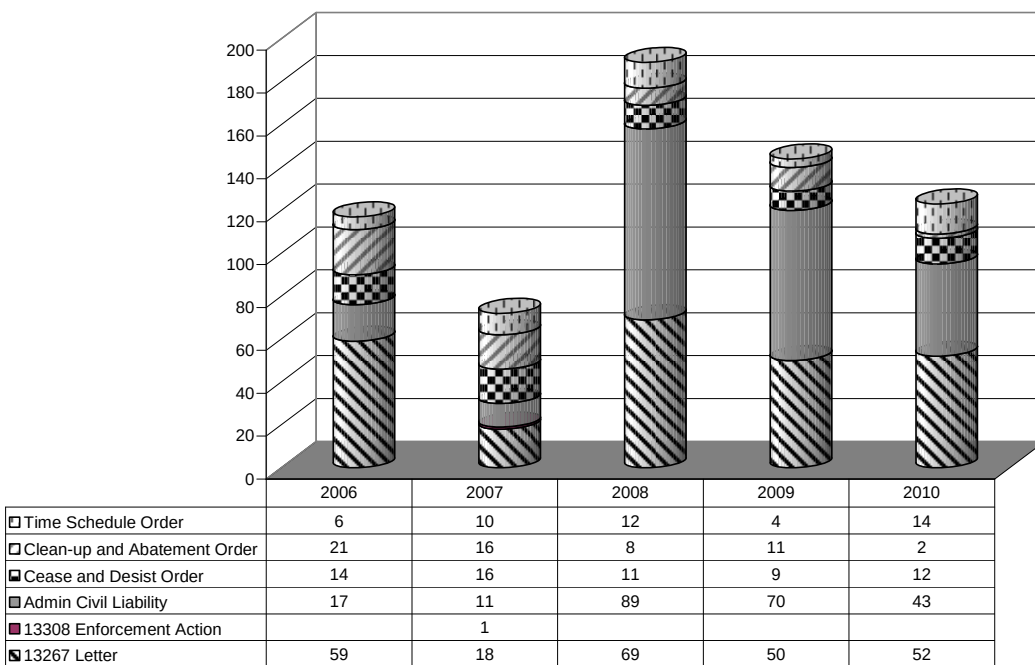
The MMPs were in the amount of \$3,000 for a violation of effluent limitations from the Beach wastewater treatment plant for chlorine that occurred during the period of 1 February 2010 through 30 September 2010.

- d) **ACL Complaint R5-2011-0503 was issued to the University of California, Davis, Main Campus Wastewater Treatment Plant, Solano and Yolo Counties.**
The MMPs were in the amount of \$9,000 for violations of effluent limitations from the Main Campus wastewater treatment plant for total coliform that occurred during the period 1 August 2009 through 30 September 2010.
- e) **ACL Complaint R5-2011-0504 was issued to the City of Woodland, Wastewater Treatment Plant, Yolo County.**
The MMPs were in the amount of \$3,000 for a violation of effluent limitations from the City of Woodland wastewater treatment plant for selenium and total coliform that occurred during the period 1 April 2008 through 30 September 2010.
- f) **ACL Complaint R5-2011-0505 was issued to the City of Auburn, Wastewater Treatment Plant, Placer County.**
The MMPs were in the amount of \$15,000 for violations of effluent limitations from the City of Auburn wastewater treatment plant for total aluminum, chloroform, and zinc that occurred during the period 1 September 2010 through 30 September 2010.
- g) **ACL Complaint R5-2011-0506 was issued to the City of Stockton, Regional Wastewater Control Facility, San Joaquin County.**
The MMPs were in the amount of \$18,000 for violations of effluent limitations from the City of Stockton Regional Wastewater Control Facility for ammonia, chlorine, and cyanide that occurred during the period 1 January 2009 through 30 September 2010.
- h) **ACL Complaint R5-2011-0507 was issued to the Placer County Department of Facility Services, Placer County.**
The MMPs were in the amount of \$36,000 for violations of effluent limitations from the Placer County Department of Facility Services, Placer County Sewer Maintenance District No. 1 wastewater treatment plant for ammonia, bromodichloromethane, chlorine, chloroform, nitrite plus nitrate, and total coliform that occurred during the period of 1 July 2010 through 30 September 2010. (BLH)

Enforcement Update

Despite recent reduction in resources, the Central Valley Water Board staff continues to perform at a high level in the areas of compliance and enforcement. Overall, the Central Valley Water Board oversees currently the compliance of approximately 40,000 individual dischargers or facilities covered by various permitting measures via ten major (core and non core) regulatory programs. The following graphs are based on information contained in CIWQS tracking the core regulatory programs¹ through 1 January 2011 depicted by calendar years. Some of the formal enforcement actions, such as Administrative Civil Liabilities (ACL complaints or orders), are tracked in CIWQS for all programs, so they are counted in the following chart.

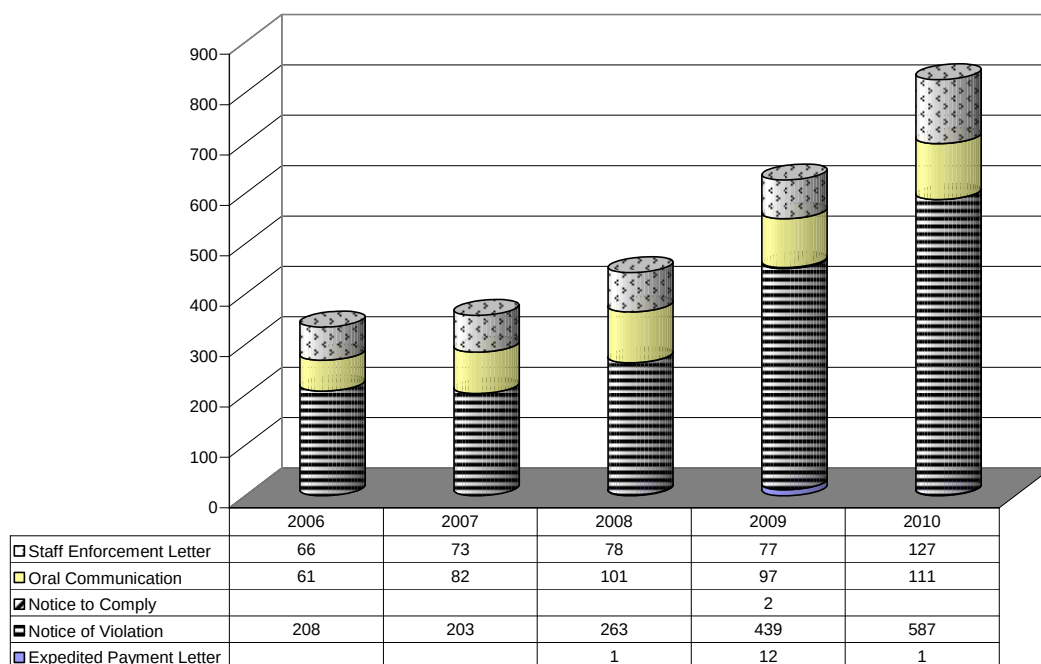
**Formal Enforcement Actions per Calendar Year
(As of 1 January 2011)**



In 2008, we implemented the Mandatory Minimum Penalty (MMP) Initiative that led to cleaning up the backlog of MMPs. A number of MMP ACLs have been settled by requiring implementation of Compliance Projects or Supplemental Environmental Projects. Some of those projects are currently under way. In other cases, settlement discussions may be under way. State Water Board's Office of Enforcement has issued an update of the statewide status of the MMP Enforcement Initiative at http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/mmp_update_030110.pdf

¹ The five core regulatory programs are: NPDES Wastewater, NPDES Stormwater, Wetlands and 401 Certification, Non 15 Waste Discharge Requirements, Title 27 Land Disposal. The construction and industrial components of the NPDES Stormwater program are now tracked in SMARTS module.

**Informal Enforcement Actions per Calendar Year
(As of 1 January 2011)**



The counts for the calendar year 2006 seem lower because not all the data was entered during the transition phase between our data management systems, from SWIM to CIWQS.

Furthermore, as explained in the previous EO Reports, the Stormwater Program (construction and industrial facilities) transitioned to a new data module named SMARTS (Stormwater Multi-Application, Reporting, and Tracking System) in order to allow the handling of the specific needs of the program. As the reporting tools for the SMARTS module are developed, we will include a more detailed analysis in future reports. The following graph depicts data available in SMARTS to date. Some of the formal enforcement actions, such as ACLs, may also be captured in the main CIWQS chart depicting formal enforcement actions.

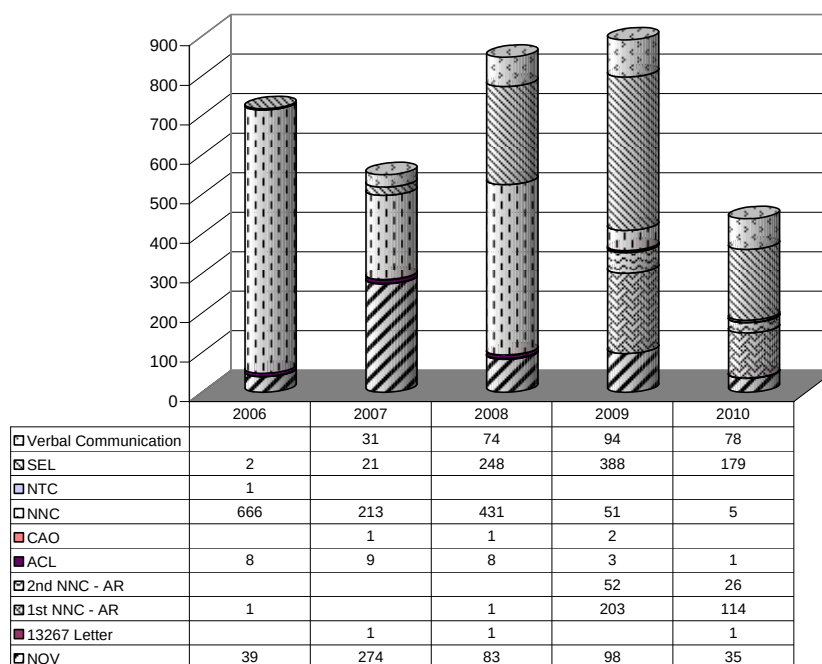
Electronic Self Monitoring Reports (eSMR) Progress Update

As of the end of December 2010, all 56 major NPDES permit holders regulated by the Central Valley Water Board have been trained to submit their Self Monitoring Reports via the statewide CIWQS database system. A significant number of them are already submitting all electronic, and ceased submitting the paper version of the SMRs. The remaining trained permittees are engaged in the transition period from paper to all electronic submittal.

In addition, more than 60 minor NPDES permit holders have also been trained and many of them are successfully submitting all electronic.

The Central Valley Water Board staff with assistance from the State Water Board staff will continue the process to transition the remaining minor individual NPDES permit holders in the statewide eSMR module in concordance with the State Water Board's Strategic Plan objectives of increased efficiency, improved accessibility of data, information and transparency.

**Stormwater Program Enforcement Activities (Formal and Informal)
(as of 1 January 2011)**



Calendar Year 2010 Accomplishments

Based on data publicly available from CIWQS covering the core regulatory programs, Central Valley Water Board staff continues to be very active in the compliance and enforcement areas. This was another banner year in compliance and enforcement activities; staff is consistently using the progressive enforcement approach, as demonstrated by the good mixture of formal and informal enforcement actions used throughout the programs. A cursory review of the data demonstrates that the Central Valley Water Board contributed over 40% to the total of statewide efforts to achieve compliance with the water quality requirements.

California Integrated Water Quality System Project (CIWQS)

ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION

Here is your Customized Enforcement Actions by Region/Program/Action Report:

[\[VIEW PRINTER FRIENDLY VERSION\]](#) [\[EXPORT THIS REPORT TO EXCEL\]](#)

SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

Status (Active, Historical, Withdrawn) Occurred on or after 01/01/2010 Occurred on or before 12/31/2010

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NSNC	NTC	SEL	SETCO	TSO	UNK	VER	TOTAL*
1	4	58	29	10	8	3	2	0	17	0	0	5	0	0	1	1	136
2	3	0	0	58	3	0	10	1	42	0	0	15	0	0	8	7	147
3	1	9	2	4	0	0	1	0	22	0	0	3	0	1	1	10	54
4	3	2	2	74	2	0	43	3	44	0	9	1	1	1	1	0	186
5F	21	0	0	1	0	0	0	1	198	0	0	78	0	4	0	82	385
5R	3	3	0	3	0	7	1	2	35	0	0	37	0	3	7	14	115
5S	27	111	26	40	2	5	0	2	365	9	0	190	0	7	71	15	870
6T	1	0	0	0	4	0	0	0	2	0	0	13	0	0	1	9	30
6V	10	0	0	2	3	0	0	0	21	0	0	4	0	2	11	23	76
7	12	0	0	15	0	4	0	4	7	0	0	106	0	0	0	0	148
8	1	222	64	12	0	0	0	59	12	0	0	230	1	0	55	2	658
9	5	64	20	14	1	0	0	0	67	0	0	145	0	0	0	4	320
STATEWIDE*	91	467	143	233	23	19	57	72	832	9	9	827	2	18	166	167	3,125

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter

ACL = Admin Civil Liability

EPL = Expedited Payment Letter

NSNC = Notice of Stormwater Noncomp

SETCO = Settlement - Court Order

UNK = Verbal Communication

1st_NNC = 1st Annual Report Notice of Non-Compliance

CAO = Clean-up and Abatement Order

NNC = Notice of Stormwater Noncomp

NTC = Notice to Comply

TSO = Time Schedule Order

VER = Oral Communication

2nd_NNC = 2nd Annual Report Notice Noncomp

CDO = Cease and Desist Order

NOV = Notice of Violation

SEL = Staff Enforcement Letter

UNK = Unknown

* Columns or Rows count distinct instances of Enforcement Actions.

The current report was generated with data as of: Sunday, January 09, 2011

Regional Boards are in the process of entering backlogged data.

As a result, data may be incomplete.

Reports are constructed from all entered data as of the close of business the previous day.

Central Valley Water Board staff processes MMPs currently in a quasi real time basis, complying with the requirements of the Enforcement Policy that provides that MMP violations should be processed within 18 months of discovery.

In addition, a significant number of enforcement actions were issued by other programs not currently tracked in CIWQS database. For example, programs such as Underground Storage Tanks, Irrigated Lands Regulatory Programs, Site Cleanup, issued numerous formal and informal enforcement actions during the calendar year 2010.

Enforcement Prioritization

In concordance with the new Enforcement Policy, Regional Water Board is in the process of implementing an enhanced enforcement prioritization process. This action is part of the statewide coordinated effort to implement the directives of the new Enforcement Policy. Staff continues to enhance the enforcement prioritization process so it addresses the requirements of the Enforcement Policy and matches the specific challenges and characteristics of the Central Valley Water Board.

Transparent Access to Enforcement Information

In order to increase the transparency of our enforcement activities, formal enforcement actions, such as Administrative Civil Liabilities Complaints or Orders, are posted on our website within a short time of their issuance. They can be accessed through the main webpage by going to the [Board Decisions](#) tab or by accessing the [Enforcement](#) link found on the home page. On the same Enforcement page staff posts on a

quarterly interval an [Enforcement Action Summary Report](#) for the enforcement activities issued by the core regulatory programs, NPDES, Subchapter 15, Non Chapter 15, Stormwater, and 401 Water Quality Certification.

The State Water Resources Control Board issued a summary enforcement report quarterly update as mandated by section 13385 of the Water Code http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/13385o_20093q.pdf Although the report covers activities performed under only one of the core regulatory programs, NPDES, it demonstrates the level of effort and results achieved.

The State Water Board issued the third iteration of the Annual Enforcement Report that demonstrates the progress made and some of the challenges facing the Water Boards when addressing compliance and enforcement issues for a number of core regulatory programs. http://www.waterboards.ca.gov/water_issues/programs/enforcement/docs/annl_rpt2009.pdf Furthermore, additional performance data for enforcement can be found at http://www.waterboards.ca.gov/about_us/performance_report/

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

SANITARY SEWER OVERFLOWS/SPILLS LEAKS/OTHER COMPLAINTS/THREATS

1. Frost Oil Transport, Highway 32 Diesel Spill, Tehama County

On 3 December 2010, Central Valley Regional Water Quality Control Board staff responded to a report of fuel transport vehicle accident along Highway 32 in Tehama County. Initial reports indicated that 5,000 gallons of diesel fuel were released to Deer Creek. However, approximately 7,300 gallons of fuel were recovered during response activities, which resulted in an updated estimate of 765 gallons of diesel fuel released. No impacts to Deer Creek have been observed. Approximately 394 tons of diesel impacted soil was excavated from the spill location along Highway 32 and transported to a petroleum soil treatment facility in Red Bluff. Calculations indicate that most of the released fuel was recovered during soil excavation activities and no further remedial actions are anticipated. The responsible party will be requested to prepare a Site Restoration Plan that includes implementation of appropriate erosion and sediment control best management practices and site monitoring.

2. Sanitary Sewer Overflow

On 11 December 2010, an SSO from the City of Redding's collection system (2317 Waldon St. / 2222 California St.) occurred as a result of a blockage in the sewer, and high inflow and infiltration during very heavy rainfall. The overflow discharged approximately 500 gallons to Callaboose Creek, a tributary of the Sacramento River. The City responded and cleared the blockage. Approximately 50 gallons of the overflow was recovered before it entered the creek. The City collected water quality samples on the creek that indicated elevated total and fecal coliform bacteria concentrations both above and below the SSO area. These results do not indicate that the SSO caused a significant impact to the creek, but the results do indicate poor quality water in Callaboose Creek in general. Similar measurements have been made on other urban creeks in the Redding area, and Central Valley Water Board staff is formulating an approach through the City's MS4 permit to assess and improve water quality in the Redding urban area creeks. (BJS)

3. Crude Oil Spills, Cymric and Midway-Sunset Oilfields, Kern County

Between 18 and 20 December 2010, Kern County experienced combined precipitation events that exceeded 4 inches. Within oilfields on the west side of Kern County, two spills related to the precipitation resulted in crude oil and water discharging into ephemeral stream channels. In these oil fields, crude oil comes to the surface and discharges from the ground, generally within streambed channels, at several locations in the oilfields. The discharges of crude oil from the ground, generally described as surface expressions, are a result of varying oilfield reservoir pressures. Crude oil expelled from the surface expressions is normally contained in netted excavations, and periodically removed. Two spill reports were received regarding leases in the west side foothills, a Chevron USA Inc. lease in the Cymric oilfield and a TRC Operating Company Inc. lease in the Midway-Sunset Oilfield. The area experienced excessive precipitation that resulted in flash floods in stream channels, overtopping, and breaching of containment facilities, with discharges of oil and water downstream. As soon as "incidental take permits" were issued by the California Department of Fish and Game (CDF&G), streambed cleanup operations were initiated with Regional Board staff coordinating inspection and oversight with staff from the CDF&G, the California Division of Oil, Gas, and Geothermal Resources, and Kern County. (SRG)

4. Wastewater Spills, Napa Berryessa Resort Improvement District Wastewater Treatment Facility, Napa County

On 31 December 2010, staff issued a Notice of Violation to Napa Berryessa Resort Improvement District for a spill of secondary treated wastewater to surface waters of Lake Berryessa. The spill began on 20 December 2010 when the District began operating its effluent spray fields without capturing the wastewater and storm water runoff in the tailwater pond. As of 6 January 2011, approximately 1.1 million gallons of secondary treated wastewater has discharged through the spray fields. The spills are expected to occur intermittently until the end of the rainy season. The cause of the spill is excessive sewer inflow and infiltration from winter storms and insufficient storage/disposal capacity. The spill is a violation of their Waste Discharge Requirements and a recently issued Cease and Desist Order (CDO) and Connection Restriction. It is also a violation of the Basin Plan prohibition which prohibits direct discharge of municipal waste to Lake Berryessa. The CDO includes requirements to increase the disposal and storage capacity. Staff is evaluating enforcement options. (GJC)

5. Sacramento Office Wastewater Spills from November 2010 through early January 2011

The following table summarizes both raw sewage and partially treated wastewater spills, as reported to staff in the Sacramento office by the California Emergency Management Agency (CalEMA) and/or regulated dischargers. It does not include minor wastewater spills (those less than 500 gallons) or spills that were reported only through the State Water Board's Sanitary Sewer Overflow (SSO) online spill reporting system. The information presented may be preliminary, and will be updated as more information becomes available. (C/E Section)

County	Discharger	Date(s)	Estimated Volume (gallons)	Description
Calaveras	US Bureau of Reclamation	1/3/2011	100,000	Preliminary report: SSO of storm water and sewage due to lift station power failure. Contained on land.
Stanislaus	City of Oakdale	1/3/2011	795	Raw sewage from manhole caused by asphalt debris in the sewer line. Did not enter surface waters.
Stanislaus	Private Property (located within the City of Modesto service area)	11/9/2010	3,400	Raw sewage from a private lateral caused by a blockage. Approximately 2,900 gallons reached surface water.
Placer	Newcastle Sanitary District	1/1/2011	2,000	Runoff of disinfected wastewater from spray irrigation system due to lack of capacity. Reached surface water.
Placer	Placer County Service Area 28, Applegate	12/30/10 to 12/31/10	109,000	Release of stormwater collected in a wastewater pond due to capacity issues. Entered surface water.
Placer	Placer County Department of Facility Services	12/30/2010	600	Raw sewage to Rock Creek, caused by blockage in sewer pipe.
Placer	Placer County Department of Facility Services	11/13/2010	700	Raw sewage to drainage ditch, caused by construction debris and gravel in sewer pipe.
Nevada	Nevada County Sanitation District 1 (Lake of the Pines)	12/25/2010	30,000	Mixed liquor to Magnolia Creek, caused by failed equipment and lack of alarm.
Napa	Napa Berryessa Resort Improvement District	12/20/10 to 1/6/11	1,172,984	Runoff of disinfected wastewater from spray irrigation system due to lack of capacity. Reached surface water.
Solano	City of Vacaville	12/29/2010	2,425	Raw sewage from manhole caused by grease deposition. Did not enter surface water.
Solano	City of Rio Vista	12/19/2010	33,000	Raw sewage from force main caused by pipe failure. Approximately 32,000 gallons reached surface water.
Sacramento	Department of Corrections, Folsom State Prison	11/4/2010	750	Raw sewage from an upper lateral due to vandalism infiltration. Contained in storm drainpipe. Did not enter surface waters.
Sacramento	Sacramento Area Sewer District	12/8/2010	720	Raw sewage from a private lateral due to grease blockage in public sewer main line. Contained in drainage channel. Did not enter surface waters.

Sacramento	Private Property (located within Sacramento Area Sewer District service area)	12/9/2010	7,800	Raw sewage from private lateral line blocked by debris. Did not enter surface waters.
Sacramento	Private Property (located within Sacramento Area Sewer District service area)	12/10/2010	13,135	Raw sewage from private lateral line blocked by debris. Did not enter surface waters.
Sacramento	Sacramento Area Sewer District	12/18/2010	51,034	Raw sewage from pump station and manhole due to power failure at pump station during heavy storms. Reached surface waters.
Sacramento	Sacramento Area Sewer District	12/19/2010	8,000	Raw sewage from a manhole due to grease blockage. Reached surface waters.
Sacramento	Sacramento Area Sewer District	1/11/2011	45,000	Raw sewage from manhole due to root blockage. Reached surface waters.
Sacramento	City of Galt	12/19/2010	2,250	Raw sewage from pump station due to partially plugged pump and heavy storm flows. Reached surface waters.
San Joaquin	Private Property (located within City of Stockton service area)	11/10/2010	1,680	Raw sewage from private lateral line blocked by debris. Reached surface waters.
San Joaquin	Private Property (located within City of Stockton service area)	11/9/2010	900	Raw sewage from private lateral line blocked by grease. Reached surface waters.
San Joaquin	Private Property (located within City of Stockton service area)	12/20/2010	2,490	Raw sewage from a duplex private lateral blocked with grease and debris. Reached surface waters.
San Joaquin	City of Stockton	12/22/2010	500	Raw sewage due to 2-inch diameter pipe failure. Reached surface waters.
Tuolumne	Tuolumne Utilities District	12/19/2010	2,000	Raw sewage from manhole due to excessive infiltration in pipeline by heavy rainfall. Reached surface waters.

TMDL/BASIN PLANNING

1. Central Valley Drinking Water Policy

On 29 July 2010 the Central Water Board adopted Resolution No. R5-2010-0079 directing staff to establish a drinking water policy for the Sacramento-San Joaquin Delta and Upstream Tributaries. Funding from a Proposition 50 grant was reinstated following the Resolution and staff has been meeting bi-weekly with the Central Valley Drinking Water Policy Workgroup to complete the grant scope-of-work before the grant expires on 31 March 2011. The grant focuses on evaluation of three major sources of drinking water constituents of concern; agriculture, urban runoff and wastewater and will fund modeling efforts to identify relative contributions from each of the three sources and assess potential load reductions at drinking water intake facilities. This work will help inform the process of developing the Central Valley Drinking Water Policy. Staff will complete an outline, work plan, and funding proposal for the Policy by 29 July 2011 and bring a final Policy to the Board by 29 July 2013. (JS)

2. American River Watershed Mercury TMDL

In 2010, staff began developing a mercury TMDL for the American River watershed. The project started by focusing on the lower American River and Lake Natoma. However after holding a few stakeholder meetings in the lower watershed, staff expanded the project scope to include mercury sources to Folsom Lake and its tributaries. The goal of the current project is to address eight mercury-impaired water bodies on the federal 303d list: lower American River; Lake Natoma; Folsom Lake; North Fork American River (North Fork Dam to Folsom Lake); South Fork American River (Slab Creek Reservoir to Folsom Lake); Slab Creek Reservoir; Oxbow reservoir; and Hell Hole Reservoir.

On November 16 and 17, staff held stakeholder meetings in Placerville and Auburn to introduce the TMDL and Basin Plan amendment process to the upstream stakeholders. Staff plans to work with stakeholders to develop the basis for a watershed TMDL and to develop an implementation plan to address the sources of mercury and methylmercury in the watershed. The next stakeholder meeting will be in Auburn on January 11 to discuss approaches for developing the TMDL.

Staff has been compiling all available fish, water, and sediment data for this watershed. In December, staff conducted initial water and sediment sampling in the area's rivers and reservoirs, including some high river flow events due to heavy precipitation in late December. This information will be used to identify mercury and methylmercury sources and develop load estimates. (PWM)

SALINITY AND CV SALTS

1. **The CV-SALTS stakeholder's Executive Committee** continues to move forward in developing an overall policy and framework to focus future activity. A Request for Proposal was released in December 2010, and bids are currently being reviewed for an Administrative Program Coordinator to facilitate the effort which will include updating the existing work plan and initiating contracts for the needed technical work. Planning is underway for Leadership Group meeting scheduled for 24 February 2010, which will include presentations on the current status and future focus of CV-SALTS to management of State and Federal agencies in addition to local stakeholder. The stakeholders are also continuing their efforts to develop salinity objectives on the San Joaquin River upstream of Vernalis, with reviews being conducted for appropriate designation of beneficial uses and related water quality objectives.
2. **Basin Plan Amendment Addressing Selenium**
On 15 December 2010 the Office of Administrative Law approved the Basin Plan amendments for selenium control in the San Joaquin River Basin adopted by the Central Valley Water Board on 27 May 2010. The State Water Resources Control Board had already approved the amendments at their 5 October 2010 meeting. Staff is in the process of updating the WDRs for the Grassland Bypass Project, the primary selenium control effort, to incorporate the changes in the Basin Plan. (GPC)

DAIRIES

A draft revised Monitoring and Reporting Program (MRP) has been prepared to allow alternatives to individual groundwater monitoring at dairies regulated under the Waste Discharge Requirements General Order for Existing Milk Cow Dairies, Order No. R5-2007-0035 (Dairy General Order). It is anticipated that the MRP will be issued under Executive Officer signature prior to the February 2011 Board meeting. The draft MRP was made available for public review and comment for 30 days. Staff incorporated comments as appropriate and responded to commenters. (DEE)

The Dairy Community Alliance for Responsible Environmental Stewardship (CARES), an organization that represents the dairy industry, has formed a coalition group to develop a representative groundwater monitoring program. The intent of the representative monitoring program (RMP) is to provide an alternative to implementing individual groundwater monitoring programs at dairy facilities pursuant to the Dairy General Order. A work plan to establish the RMP has been submitted to Central Valley Water Board staff, and is currently under review. Prior to approval of the RMP, the work plan will be made available for 30-day public review and comment. The coalition is currently accepting applications. As of 5 January 2011, approximately 870 dairies have joined the coalition. (DEE)

On 6 December 2010, Central Valley Water Board staff issued letters to three dairy facilities covered under Order No. R5-2007-0035, Waste Discharge Requirements General Order for Existing Milk Cow Dairies (General Order) that failed to submit the 2008 Annual Report, which was due by 1 July 2009, and the 2009 Annual Report and Waste Management Plan, which were due by 1 July 2010. The letter provided the Discharger the opportunity to submit any information regarding the factors listed in California Water Code section 13327 that would be deemed relevant to determining an appropriate monetary penalty. The letter requested that all responses be received by 31 December 2010. The Central Valley Water Board has not received any response to staff's 6 December 2010 letters. Formal enforcement action is pending for these facilities. (DEE)

GRANTS

1. **Proposition 84, Department of Conservation, Watershed Coordinator Grants**

The Department of Conservation (DOC), Division of Land Resource Protection, Statewide Watershed Program solicited proposals for Watershed Coordinator Grants funded under Proposition 84. DOC anticipated that approximately \$9 million will be awarded to support coordination for watershed management and local watershed improvements throughout the State. Due to previous opportunities for watershed coordinator grant funding, proposals from the Sacramento River, San Joaquin River, and San Francisco Bay watersheds were evaluated separately and were eligible for 20% of the funds. Proposals from the rest of the State competed for 80% of the funds.

DOC received 107 proposals statewide, of which 40 were within the Central Valley Region, requesting approximately \$24 million. During December 2010, Central Valley Water Board staff assisted DOC by completing 49 technical reviews. DOC is responsible for making the funding decisions and anticipates release of the draft funding decisions soon. (PB)

2. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Planning Grants**

The Department of Water Resources (DWR) announced the Draft Round 1 Planning Grant recommendations in December 2010. A total of 39 grant applications were received statewide, of those 19 applications were within the Central Valley Region, for a total grant request of almost \$27 million. Through coordination with the State Water Board and DWR, staff from the Central Valley Region participated in the technical reviews.

DWR accepted public comments on the Draft Funding Recommendations through 23 December 2010 and will be making final funding recommendations following the public comment reviews. Within the Central Valley Region 12 planning grant applications were included on the draft funding recommendations list. (PB)

3. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Implementation Grants**

The Department of Water Resources (DWR) solicited grant proposal for IRWM Implementation grants through 7 January 2011. As with the IRWM Planning Grants, the State Water Board and DWR have coordinated with the Central Valley Water Board to have staff provide technical review assistance. The technical review process is expected to be completed by the end of February. (PB)

4. **Federal Nonpoint Source Grant Program**

Approximately \$4.5 million dollars is available for the 2011 Solicitation through a grant from USEPA. Two Central Valley applications from the concept proposal phase were invited back to submit full proposals. Both of these projects address the Clear Lake area and implement tasks identified in either the Nutrient or Mercury TMDL. Full proposals are due 14 February, and the State Water Board final approval will be in May 2011. (HG)

GENERAL

1. **OEHHA Revises Draft Public Health Goal for Hexavalent Chromium**

For the past several years, the California Office of Health Hazard Assessment (OEHHA) has been working on the development of a Public Health Goal (PHG) for hexavalent chromium. The original draft PHG was 0.06 micrograms per liter (µg/L) and for the last several years has undergone independent peer review. On 3 January 2011, OEHHA published a revised draft lowering the draft PHG to 0.02 µg/L in response to an enhanced susceptibility to hexavalent chromium by fetuses, infants and children when compared to adults. The draft PHG is based on potential cancer effects. OEHHA has also estimated a health protective level of 2 µg/L based on non-cancer effects. The draft is now open for a month-long public comment period. OEHHA hopes to produce a final health goal by mid-2011. The PHG will then be used by the California Department of Public Health to establish a drinking water standard.

Currently, there is no drinking water standard for hexavalent chromium established by the federal or any state government. The federal government and State of California have a drinking water standard for total chromium of 50 µg/L. The occurrence of hexavalent chromium in groundwater is from both man-made and natural sources. Examples of man-made sources of hexavalent chromium are discharges from electroplating and tanning facilities, and cooling tower boiler blow-down where hexavalent chromium is used as a biocide. There are several cleanup sites in our Region that include hexavalent chromium as a chemical of concern. One example is the BAC facility near Merced where hexavalent chromium is associated with the manufacturing of cooling towers. The site gaining the most notoriety is the Hinkley site in Region 6 where hexavalent chromium has led to the closure of several water supply wells and the source of the chromium is cooling towers operated by PG&E. As stated above, hexavalent chromium is also naturally occurring and is generally well above the draft PHG. In 2001 the Department of Public Health (CDPH) required testing of hexavalent chromium in municipal supply wells in the state to assess its' occurrence. Several cities, including Davis and Barstow, have water supply wells with over 20 µg/L hexavalent chromium. Background concentrations in groundwater in most areas of the Central Valley exceed 1 µg/L.

Results from a study of hexavalent chromium in water supplies around the nation by the Environmental Working group have prompted USEPA to speed up requiring testing of public water supply systems for the metal and complete its own assessment of risks that still need to undergo peer review. Lisa Jackson, the administrator for USEPA stated that it is likely that USEPA will tighten drinking water standards to address the health risks posed by hexavalent chromium.

The new risk values developed by OEHHA may be considered in assessing risks, discharges and cleanup of hexavalent chromium at cleanup sites in our Region. (AMM)

2. On 4 November staff observed a dye study at the Rio Alto Water District's Lake California WWTP in Tehama County. The WWTP discharges to the Sacramento River. On 22 November staff again met with representatives of the Rio Alto Water District to discuss alternative treatment and discharge scenarios, including a proposed wetlands treatment system.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Long-term Program / Programmatic Environmental Impact Report (PEIR)

Written comments on the Draft PEIR were due on 27 September. Comment letters from agencies and water quality coalitions are posted on the Central Valley Water Board's website at:

http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml.

Staff is currently working on modifications to the Draft PEIR and recommended ILRP in response to comments received. The next major milestones of the project include circulation of a Final EIR and recommended long-term ILRP in March 2011. The Final EIR and recommended ILRP will be considered for certification at the 6/7/8 April Central Valley Water Board hearing. Orders to implement the long-term ILRP are proposed to be developed for Board consideration during the year following Board certification of the PEIR. (AL)

Compliance & Outreach - Exemption Claim Inspections

In November and December 2010, Central Valley Water Board staff completed 34 inspections to verify landowner exemption claims to the ILRP. Landowners can respond to ILRP staff's postcards or 13267 Orders by claiming their land is not used for agriculture, not irrigated, or that it has no irrigation tail water or storm water runoff (no waste discharges to surface waters). These claims create a need for verification inspections, which staff regularly conducts. Staff verified that lands associated with 31 inspections were exempt from regulatory coverage under the ILRP. The outcome of the remaining inspections is pending further investigation. (BLS)

Compliance & Outreach – Postcards

In December 2010 ILRP staff mailed 100 postcards to non-participating landowners in Stanislaus County; specifically landowners surrounding Lateral 2 ½ near Keyes Road. This is an area of high priority for the East San Joaquin County Water Quality Coalition due to three exceedances of chlorpyrifos since July 2009. (WO)

Approval to Join a Coalition

In November 2010 the Executive Officer approved 91 owners or operators from the Central Valley to join a coalition group. Thirty of these applications are the result of ILRP postcard mailings and thirty-four of the applications are the result of CWC §13267 Orders. This approval adds 15,900 acres to the program. (WO)

Enforcement

California Water Code section 13267 Orders & Notices of Violation

In November, the Executive Officer issued 11 Notices of Violation (NOVs) to dischargers in the East San Joaquin Water Quality Coalitions' boundaries who have received Executive Officer approval to join a grower water quality coalition, but have not done so to date. These NOVs are a follow-up to CWC §13260 Orders issued in October. (WO)

Coalition Groups

California Rice Commission (CRC)

On 23 December, Central Valley Water Board staff received the CRC 2010 Annual Monitoring Report (AMR) that contains information and monitoring data for the ILRP, the Rice Pesticides Program, and Management Plans. The AMR is presently being reviewed.

On 28 December the CRC submitted its Quality Assurance Program Plan (QAPP) for approval and signature. The QAPP is undergoing a final review for signature. (MW)

Pleasant Valley Coalition

Pleasant Valley Coalition growers are now included in Westlands Stormwater Coalition. The Pleasant Valley Coalition is no longer necessary to provide coverage for its growers under the Conditional Waiver; staff will work with Pleasant Valley to disband the Coalition. (BV)

Sacramento Valley Water Quality Coalition (SVWQC)

On 17 November, staff received the Coalition's 2011 Assessment Monitoring Plan, according to the SVWQC MRP Order. Staff has completed a review of the plan and is in the process of preparing comments for Senior Review.

Staff completed the review of the SVWQC Management Plan Progress report that was originally submitted on 3 May 2010. On 3 December, staff sent an approval letter with checklist and recommendations for future progress reports to the Coalition. (MC/SF)

San Joaquin County and Delta Water Quality Coalition (SJCDWQC)

On 12 December, staff received the 2011-2013 Management Plan performance goal update in accordance with the Management Plan Development Timeline. Staff comments have been prepared and are in the final stages of edits and senior review.

On 3 January, staff received the Coalition's 2011 monitoring schedule listing the water bodies and analytes for the year. The Coalition is required to collect samples for analytes listed in the ILRP MRP R5-2008-0005. (CJ)

Southern San Joaquin Valley Water Quality Coalition (SSJWQC)

Staff reviewed Southern San Joaquin Valley Water Quality Coalition monitoring data gathered between July 2006 and September 2009. A meeting is scheduled for 12 January 2011 to discuss results of the monitoring data review. (BV)

Westlands Coalition

On 16 December 2010, Westlands Stormwater Coalition submitted an updated participant list including newly added Pleasant Valley irrigating land owners. The Pleasant Valley Coalition growers were added to Westlands following signature of a Memorandum of Agreement between Westlands Water District and Pleasant Valley Water District, allowing Pleasant Valley irrigating land owners into Westlands Stormwater Coalition.

Westlands is currently amending its conditionally approved Monitoring and Reporting Program Plan to include information about the Pleasant Valley area. (BV)

Westside Coalition

On 30 November, staff received the irrigation season Semi –annual Monitoring Report (SAMR) from the Westside Coalition. The report is currently under review. Components of the SAMR include: monitoring results, management plan updates, and Basin Plan – TMDL requirements.

On 15 January, staff received the Coalition's Final Focused Management Plan II. A final review is being performed.

On 4 January, A. Marc Commandatore attended the Coalition's monthly water quality meeting via conference call. (AMC)

Water Districts with Regulatory Coverage under the Individual Conditional Waiver Order

Modesto Irrigation District (Modesto ID)

On 28 September, staff sent Modesto ID the review of their 1 March 2010 Annual Monitoring Report. Modesto ID provided the necessary information for all components of their AMR, including items that were identified in the staff review memo.

On 1 November, staff sent Modesto ID the review of their 2009 Annual Management Plan Update Report (Annual MPUR). Staff reviewed Modesto ID Annual MPUR and determined that all Management Plan processes proposed in the Modesto ID Management Plan submitted on 18 September 2008 were followed, and implementation was completed for diuron, oryzalin, EC, and TDS.

On 1 November, Modesto ID sent a request to the Executive Officer to modify Modesto ID management plans for diuron, oryzalin, EC, and TDS. Based on the available information, the Executive Officer determined that the management plans for diuron, oryzalin, EC, and TDS have been completed, and no further actions are required. Staff sent Modesto ID the Executive Officer approval on 14 December 2010. (DLH)

Turlock Irrigation District (TID)

On 4 January, Staff sent TID the review of their 1 March 2010 Annual Monitoring Report. TID proved the necessary information for all components of the AMR. Staff comments were provided in the review. (MW)

Data Management

Data reports received through December 1st 2010 that arrived in an electronic SWAMP comparable format are currently being prepared for loading into a California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). These reports and future data sets will be sent to the CV RDC to be uploaded into CEDEN for state-wide assessment efforts. Prioritization and loading schedules are being developed for data received from 2009 forward.

Datasets submitted prior to June 1st 2009 are being processed for loading by the CV RDC as a historical data project. These datasets were initially processed by the ILRP and are at various stages of readiness for loading. The CV RDC, funded by a portion of SWAMP funds, has been contracted to complete the processing and begin loading priority sets. Progress is overseen by ILRP staff. At this time, four coalition reports have been successfully processed and loaded into the database. An additional ten reports from irrigation districts are being prepared for loading this month. (MM)

MOU Pilot Program

The Quarterly Report for the third quarter has been posted on the ILRP website. Contracts for the MOU Pilot Program with Butte and Glenn Counties will end 31 March 2011. A final report on the Pilot Program will be issued at that time. (MW)

Prop 84 Grant Funding

This grant agreement should be finalized by the end of January. The grantee, the Coalition for Urban/Rural Environmental Stewardship (CURES), will provide program management and outreach to growers/ranchers for the implementation of management practices that will address water quality exceedances due to agriculture identified in the Central Valley. (MW)

ILRP Staff Initials Key:

AL	Adam Laputz	DLH	Dania Huggins	MC	Mark Cady
AMC	A. Marc Commandatore	DS	David Sholes	MM	Melissa Morris
BL	Ben Letton	GPC	Gail Cismowski	MW	Margaret Wong
BLS	Brett Stevens	JEC	Jeanne Chilcott	RJS	Rudy Schnagl
BV	Brent Vanderburgh	JK	Joe Karkoski	SF	Susan Fregien
CJ	Chris Jimmerson	JRM	Jim Martin	TB	Terry Bechtel
CR	Clay Rodgers	KWE	Kerry Elliot	WO	Wesley Ouimette
DK	Dana Kulesza	LW	Lisa Wilson		

STAFF RECOGNITION

SUSTAINED SUPERIOR ACCOMPLISHMENT AWARDS

At the December 9-10, 2010, Board meeting, Executive Officer presented superior accomplishment awards to the following staff: Michael Smith, Roberto Moreno and Clint Snyder.

CANDIDATE: Michael Smith
UNIT: Underground Tanks
TITLE: Environmental Scientist
SUPERVISOR: Joe Mello

Mike has been a full-time Environmental Scientist in the Underground Tanks Program since September 1999. During this time, he has been the lead UST caseworker for Nevada, Sierra, Stanislaus, and Yuba County cases. In keeping with the State Water Board's focus on cleanup and closure of underground storage tank sites, Mike completed regulatory closure of 15% of his cases during the just finished fiscal year, exceeding both the USEPA and Regional Board target rates by nearly 100%. While last year's performance almost doubled expectations, Mike is already on-track to meet or exceed that this year. Mike has been able to achieve this success by working closely with responsible parties to promptly implement needed cleanup solutions.

Mike takes the personal approach with regulated community, providing a high level of customer service and working closely with responsible parties to achieve effective and efficient groundwater cleanups. His approach has not only led to a successful cleanup rate for his cases, but has also led to continued cleanup at high priority sites where funding has not been available.

CANDIDATE: Robert Moreno
UNIT: Information Technology
TITLE: Associate Information Systems Analyst
SUPERVISOR: Clay Rodgers

Robert Moreno is recommended for a Sustained Superior Accomplishment Award (SSAA) for his job performance as the Associate Information Systems Analyst at the Central Valley Regional Water Board. This recommendation is based on his outstanding and superior achievements in his regular duties as the sole information systems staff at the Regional Board office in Fresno, highlighted by his role over the past year to advance Fresno's IT infrastructure.

Roberto began his employment with the Water Board in 2001 and has been the sole Information Technology staff for the Fresno Office. In addition to managing his assigned projects, Roberto is always willing to take on additional assignments or assist others when the need arises. At different times, he has assisted with CWIQS and Fee Coordinator responsibilities, telecommunications, security system maintenance, and Board meeting preparation. There is no task, regardless of the significance, that he won't willingly assist with when asked.

Since his promotion to Associate Information Systems Analyst, Roberto has been given various high-level complex assignments. His natural ability to research, conduct testing and document results has proven invaluable and has resulted in successfully implementing region-wide strategies.

Most recently, Roberto displayed an unequalled personal effort to overcome difficulties encountered during the deployment of the IT Manager re-configure for the RB5FZEN server. After weeks of research and testing, Roberto was able to find the solution needed to resolve the problem. He documented and submitted his research, which allowed the Region 5 lean LAN administrator to complete the implementation plan. Roberto's determination to see the project through to the end continued as he collaborated with the Sacramento office network lead, and used technical skills of a higher level enabling him to take complex direction and complete the implementation of the server, without the onsite presence of his network lead. Additionally, because the server had to be off-line for Roberto to re-figure the server, he made the necessary adjustments to his work schedule, with no interruption in services to staff, and successfully accomplished the

refrigeration. Throughout this project Roberto demonstrated a dedication to excellence, “can do” attitude, and outstanding personal effort that we have come to expect and appreciate.

I speak for the organization when I say that it is refreshing to work with an individual such as Roberto and he is very well deserving of this award.

CANDIDATE: Clint Snyder
UNIT: North Regulatory Unit
TITLE: Engineering Geologist
SUPERVISOR: Bryan Smith

Clint is receiving the Superior Accomplishment Award for his outstanding work in the North Regulatory Unit of the Central Valley Water Board's Redding office. Clint is an Engineering Geologist, who came to the Central Valley Water Board with extensive environmental consulting experience, including experience with site characterizations, cleanups, and environmental permitting.

Clint has made notable contributions to the NPDES and Non – 15 regulatory programs, especially in the area of surface water mixing zone studies. Clint coordinated a staff training field exercise and developed written and visual training materials related to conducting and reviewing mixing zone studies.

Clint is known for finding creative, innovative solutions to difficult regulatory compliance problems. Clint can always be counted on for his positive, professional attitude, and his rigorous work ethic. Clint's efforts and accomplishments provide excellent examples of professional, effective, and timely performance.

EMPLOYEE OF THE MONTH FOR NOVEMBER 2010

SACRAMENTO OFFICE

Candidate: Chris Cochrane
Unit: Private Sites Cleanup
Title: Engineering Geologist
Supervisor: Duncan Austin

Chris transferred from the Timber Harvest Unit to the Cleanup Section in March of 2009. Chris immediately began managing a number of the Cleanup Section's most difficult and complex projects while quickly learning the site cleanup program procedures and policies. Among Chris' accomplishments are:

Chris took the lead in conducting a surface water sampling program at the former Kearny Plant in Antioch. Chris discovered that the sulfate pollution in the adjacent stream was actually background pollution from historic coal mining activities and thus, not the facility's responsibility.

Chris quickly mastered our cleanup cost estimation software (a program called “RACER”) and by using the software, was able to develop the likely costs to cleanup a dry cleaner site in Davis. That cost estimation work has been a key element for keeping the parties' settlement negotiations on track.

Through Chris' thorough review of the FMC site's groundwater extraction and treatment system, Chris uncovered a problem related to the degradation of the extraction wells which ultimately resulted in the replacement of those extraction wells. Had Chris not discovered the problem, the groundwater treatment system would have continued to slowly fail resulting in loss of capture of groundwater pollution.

Through Chris' efforts, “out of the box” thinking and attention to detail, the problems at several cleanup projects have been corrected, ultimately saving the dischargers' money and expediting cleanups for the benefit of the environment.

Candidate: Kathy Harder
Unit: NPDES Point Source Permitting
Title: Sanitary Engineering Associate
Senior /Supervisor: Jim Marshall / Diana Messina

Kathy recently was successful in writing the NPDES permit renewal for the Sacramento Regional County Sanitation District. This was a culmination of countless hours of hard work. Kathy was integral in keeping the permit development on schedule. Without Kathy's hard work and dedication the permit simply would not have been adopted on schedule.

The Sac Regional permit is very important for our region. The Sac Regional discharge impacts the Sacramento River and Delta for 50 miles downstream. The issues surrounding the Sac Regional permit were incredibly complex. Sac Regional is the largest discharger in the region and the permitting process was very contentious and complicated. Kathy was instrumental in the development of a sound permit that is protective of the beneficial uses. Kathy did a tremendous job of staying educated on the myriad of issues and her ability to sift through the reams of documents and identify and summarize the issues was exceptional. Kathy's input was critical in assisting management in making the necessary decisions for permit development.

Candidate: Maryann Walton
Unit: Administration
Title: Management Services Technician
Supervisor: Linda Bracamonte

Maryann serves as the Rancho Cordova Office receptionist and our Public Records Coordinator. Her work requires an extreme level of patience and resilience as she is regularly called upon to answer questions and provide the public with information – often times when the caller or visitor is upset and/or demanding. In spite of the challenges that her work brings, Maryann is consistently pleasant, both to her internal and external customers.

Maryann is reliable, dedicated and enthusiastic about the work that she provides to our Region. She is being recognized not only for her exemplary work, but more notably for the contributions she makes to ensure our office is a welcomed and warm place to be.

It is not uncommon to find home-made treats and a warm smile when you enter Maryann's work area. During December, Maryann, once again took it upon herself to decorate our lobby and Administrative Unit common area with holiday decorations to bring the spirit of joy to all around her. She regularly participates in our Employee Association's bake sales, offering more home-made treats to share. Regardless of the season, you can be sure that Maryann has provided her decorating touch to make us all feel a little more at home.

FRESNO OFFICE

Candidate: Jorge Baca
Unit: Dairy Compliance Unit
Title: Environmental Scientist
Supervisor: Dale Essary, Lead Associate

During November, Jorge completed complaint inspection reports for two confined animal facilities for complaints lodged by local regulatory agencies. The two complaints involved complex allegations that required technical evaluation by Jorge while extending professional courtesy toward all involved parties.

In addition, Jorge completed a dairy closure inspection report and the corresponding cover letter for rescinding coverage under the Dairy General Order letter, which required Executive Officer signature. Jorge closely monitored the closure process at the dairy prior to recommending rescission of coverage under the General Order for the facility.

Jorge continues to help maintain the CIWQS database for confined animal facilities. His efforts allow others to quickly find contact information, review issues at specific dairies, and track regional trends related to compliance with the Dairy General Order. Jorge serves as a mentor to newer scientists and other personnel in the Dairy Permitting unit and the NPS/Irrigated Lands unit. Jorge's excellent work habits and consistent high level of productivity are an example to other staff.

REDDING OFFICE

Candidate: Dani Berchtold
Unit: Stormwater and Water Quality Certifications Unit
Title: Sanitary Engineering Associate
Supervisor: George Day

Dani joined the Redding's Storm Water and WQC Unit in April 2010. Dani is an expert in storm water compliance and enforcement and has over ten years of experience as a storm water inspector and regulator. Upon her arrival in Redding her expertise was immediately put to good use with her taking on several complex Caltrans and City of Redding projects. She conducted site inspections, and worked with Caltrans to improve their storm water Best Management Practices (BMPs). Dani conducts site inspections in a thorough and conscientious manner. She recently issued a Notice of Violation (NOV) to the City of Redding and its contractor for failing to install adequate BMPs at their Benton Restoration Site. Dani had previously advised them in regard to BMPs and preventive measures, but they failed to heed Dani's warning and provide adequate erosion BMPs, resulting in the discharge of sediment to surface waters. In addition Dani has taken the lead on the new construction permit and has made several public presentations. She has proctored several "Qualified SWPPP Developer (QSD)/Qualified SWPPP Practitioner (QSP) exams. Her effort this year has been exceptional.

EMPLOYEE OF THE MONTH FOR DECEMBER 2010

SACRAMENTO OFFICE

Candidate: Gail Cismowski
Unit: Agricultural Regulatory and Planning Unit
Title: Environmental Scientist
Supervisor: Rudy Schnagl

Gail works on the CV-SALTS program and is also responsible for regulatory aspects of the selenium control program in the San Joaquin River basin. She has played a key role in setting up the framework of the salinity Basin Planning effort and representing the Board at committee meetings. Over the past year, she has prepared Basin Plan amendments related to the selenium program. Preparation of the staff report and Board consideration occurred in a matter of months and resulted in adoption by our Board and approval by the State Water Board and Office of Administrative Law. The amendments will be the cornerstone for the next phase of selenium control and will result in further selenium load reductions to the San Joaquin River and Delta.

Candidate: Jacque Kelley
Unit: Storm Water
Title: Sanitary Engineering Associate
Supervisor: Steve Rosenbaum

Jacque is a long-time member of the storm water unit where she plays a key role in administering the program. She also has program oversight responsibilities for El Dorado and Sacramento counties. During the past month, she trained a new student to help with program implementation. Together, they handled countless phone calls and emails and helped over 50 completed construction sites terminate their permit coverage. She also conducted nearly 40 inspections aimed at sites which failed to enroll in the new Construction General Permit. Jacque also performed nine detailed inspections on active sites to evaluate permit compliance. Jacque has strong commitment to water quality protection. Along with her attention to detail, organizational skills, and technical experience, Jacque provides a strong foundation for our storm water program and ensures top-notch customer service.

FRESNO OFFICE

Candidate: Greg J. Issinghoff
Unit: Site Cleanup Unit
Title: Engineering Geologist
Supervisor: Russell Walls

Greg is an Engineering Geologist in the Site Cleanup Unit. Greg has several high profile projects such as the Glennville MTBE release and the Kettleman City benzene plume. Greg handles these projects with the upmost professionalism, stakeholder sensitivity, and keeps the projects moving forward to completion. During the subject month, Greg reviewed and commented on work plans and reports for two active DOD facilities, one former DOD facility, one solvent plume site, and one pesticide site. In addition, Greg processed seven invoices for the Glennville project and continued to provide oversight on the Glennville community water supply project. Greg is most deserving of this award.

REDDING OFFICE

Candidate: Dale Stultz
Unit: Groundwater Unit
Title: Environmental Scientist
Supervisor: Angela Wilson

Dale Shultz is a hard working, conscientious and professional employee. He maintains a professional demeanor when dealing with dischargers and is effective in gaining cooperation and compliance.

Dale is our specialist in the twists and turns of Title 27 and is always willing to assist other staff with their Title 27 cases. He produces quality work products in an efficient manner with a minimum of supervision.

Dale is currently working diligently with the Bureau of Reclamation on the Sacramento Fish Passage project in association with the Tehama-Colusa Canal Authority – the largest project in the nation to receive federal stimulus funds. He is working hard to ensure water quality protection is achieved while attempting to facilitate this high-profile and quickly moving project.

Dale also serves the public interest as a trained first responder. He and another staff recently braved the snowy cold to oversee the cleanup of a diesel spill that occurred on Highway 32, between Mineral and Chester and incurred the thanks of our Board Chair in so doing.

He is knowledgeable, professional and believes strongly in the work we do and as such is truly an asset to our agency.

PUBLIC OUTREACH

On 4 November, Terry Bechtel met with growers and pest control advisors (PCAs) at the Merced County Agricultural Commissioner's office to discuss the Irrigated Lands Program and pesticide-related pollution issues in particular. The meeting was attended by 29 growers and PCAs.

On 8-9 November, Janis Cooke, Victor Izzo, and Patrick Morris attended "Reclaiming the Sierra: Community Summit of Mining Impacts". The conference held a series of workshops covering cleanup of abandoned mines, fish advisories, and public health outreach. Victor presented a talk on best management practices for abandoned mines and Janis and Patrick had a poster presentation for the American River watershed mercury TMDL.

On 9 November, Terry Bechtel met with growers and PCAs in Westley (west Stanislaus County) to discuss the Irrigated Lands Program and pesticide-related pollution issues. The meeting was attended by 24 growers and PCAs.

On 10 November, Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the monthly board meeting of the Sacramento Central Groundwater Authority. The update highlighted the extent of groundwater contamination and the remediation efforts that have already occurred or are planned for the future. (AMM)

On 10 and 18 November, and 7 and 9 December, Terry Bechtel attended annual meetings hosted by the Sutter County Agricultural Commissioner. Mr. Bechtel provided the grower attendees with an Irrigated Lands Program update and information on regional pesticide-related pollution issues. The meetings were attended by an estimated total of 300 growers and held in Yuba City.

On 18 November, Katie Bowman, Heidi Bauer and Greg Cash presented an industrial storm water training session at the City of Red Bluff's WWTP. City personnel from the City of Red Bluff and Corning were present, along with WWTP operators from Red Bluff, Corning, and Willows.

On 18 November, Ron Falkowski and Greg Cash met with the Community of Paradise to discuss future improvements to wastewater disposal within the Paradise area. This community is one of the largest communities in California still on individual/community onsite septic systems. The future of Paradise is to sewer the industrial area initially, and then work with the individual residences at a later time

On 30 November, Ben Letton attended the Pit River Alliance Annual Meeting in Alturas, CA. Meeting topics included: grant funding for future projects, 303(d) listings of several Pit River tributaries, and Long-Term ILRP tiering criteria for groundwater and surface water.

On 30 November, Terry Bechtel met with PCAs in Colusa County to discuss pesticide-related pollution issues and coordination opportunities between Water Board staff, PCAs, and the PCAs' grower clients. The meeting was attended by 31 PCAs.

On 6 December, Guy Chetelat attended the Sacramento River Watershed Program's annual stakeholders meeting in Sacramento covering 2010 watershed issues, watershed report card, Irrigated Lands Regulatory Program, and watershed coordinator support.

On 6 December, Terry Bechtel met with PCAs in San Joaquin County to discuss pesticide-related pollution issues and coordination opportunities between Water Board staff, PCAs, and the PCAs' grower clients. The meeting was held in Stockton and attended by 45 PCAs.

On 8 December staff met with representatives from the City of Alturas to discuss alternatives to bring the city's wastewater treatment plant discharge into compliance with its waste discharge requirements. The City is currently complying with a Time Schedule Order. The City is evaluating options to transition from the current surface water discharge to a land discharge. Several possible pond locations have been identified.

On 8 December, Terry Bechtel attended an annual meeting hosted by the San Joaquin County Agricultural Commissioner. Mr. Bechtel provided the grower attendees with an Irrigated Lands Program update and information on regional pesticide-related pollution issues. The meeting was attended by 110 growers and held in Lodi.

On 9 December, Terry Bechtel attended an annual meeting hosted by the Stanislaus County Agricultural Commissioner. Mr. Bechtel provided the grower attendees with an Irrigated Lands Program update and information on regional pesticide-related pollution issues. The meeting was attended by 54 growers and held in Modesto.

On 12 December, Patrick Morris attended a meeting of the Delta Tributaries Mercury Council. The meeting focused on the Cache Creek watershed and mercury TMDL activities. The group was presented information on mercury studies at the Sulphur Bank mercury mine, activities Lake County and the local agencies have been conducting to evaluate mercury sources in the watershed, and updates for mercury mine cleanups in Harley Gulch, Bear Creek, and Sulphur Creek.

On 12 December, Janis Cooke attended a meeting hosted by Region 2 for their mercury exposure reduction program. Under the San Francisco Bay's mercury TMDLs, the Bay's municipal, industrial, and stormwater dischargers are required to develop a program to reduce mercury exposure of people who eat Bay fish. The dischargers have contracted with the San Francisco Estuary Institute and the California Department of Public Health (CDPH) to conduct the program. At this first stakeholder meeting, CDPH described results of their initial needs assessment and timeline for a small grant program for community-based organizations to conduct exposure reduction activities

On 14 December Phil Woodward spoke to members of the California Conservation Corp on north state environmental issues, water quality, and the dangers of entering abandoned mines. These young adults, between 18 and 25, work for minimum wage to protect and restore California's environment, including trail building and maintenance in the backcountry, and responding to disasters.

On 15 December, Ben Letton attended the Fall River RCD meeting in McArthur, CA. Mr. Letton distributed a summary of the Long-term Irrigated Lands Regulatory Program staff recommended program to Fall River RCD Board members. A discussion was held on the potential fiscal impacts that the new program may have on the local members of NECWA, in addition to, new program requirements for groundwater monitoring and regional management planning.

On 15 December, Rich Muhl answered questions at a QSD/ QSP training class sponsored presented by Stormwater Specialists. The class which was held at the Sacramento Builders Exchange was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit. Twenty-two potential QSDs and QSPs attended the class.

On 20 December, Pamela Creedon, Jerry Bruns, and Christine Joab met with Lieutenant Colonel Torrey Di Ciro, Commander & District Engineer and his staff for U.S. Army Corps of Engineers San Francisco District, to chat about Stockton Deep Water Channel DO TMDL.

On 3 January, Pamela Creedon and Rick Moss – Meet & Greet with Colonel William Leady, Commander and District Engineer, Lieutenant Colonel Andy Kiger Deputy District Commander and their management staff to discuss various Water Board Programs involving the Corp.

On 6 January, Pamela attended a meeting at National Resource Conservation Service office in Davis, CA, to provide input in the 2008 Farm Bill implementation for the 10/12 FY.

On 6 January, Rich Muhl answered questions at a QSD/ QSP training class sponsored presented by Scott Thorne and Associates. The class which was held in Elk Grove was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit. Eighteen potential QSDs and QSPs attended the class.

On 11 January, Rich Muhl answered questions at a QSD/ QSP training class sponsored presented by Stormwater Specialists. The class which was held at the Sacramento Builders Exchange was designed to train qualified SWPPP developers (QSDs) and qualified SWPPP practitioners (QSP) on the implementation of the new Construction General Permit. Twenty potential QSDs and QSPs attended the class.

On 11 January, Ben Letton attended a Hat Creek Resource Advisory Committee meeting at the Department of Fish and Game offices in Redding, CA. Meeting topics included: existing management plans and assessments; conservation objectives for future projects; monitoring and assessment future needs; PG&E financial commitment to projects; additional funding sources for restoration work; and permitting and regulatory requirements for future projects.

On 13 January Alex MacDonald provided part of a nation-wide training on the subject of Integrated DNAPL Source Site Strategy, developed by the Interstate Technology and Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (August 2010). This is the second of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons nation wide. (AMM)

PERSONNEL AND ADMINISTRATION

Nov-Dec 2010

Personnel:

12.1 positions lost due to Budget cuts.

<u>Total Positions</u>	<u>Vacancies</u>	<u>Gained</u>	<u>Lost</u>
237.5	13	0	12.1

Gains:

None

Promotions:

Elizabeth Lee, Senior Water Resources Control Engineer
Gayleen Perriera, Senior Water Resources Control Engineer
Warren Gross, Senior Environmental Geologist
Matt Scroggins, Senior Water Resources Control Engineer
Dale Essary, Senior Water Resources Control Engineer
Bryan Smith, Supervising Water Resources Control Engineer

Leave of Absence:

Amanda Montgomery, Senior Environmental Scientist
Stacy Gotham, Water Resource Control Engineer
Elizabeth Lee, Water Resource Control Engineer
Jacqueline Matthews, Environmental Scientist
Stephanie Fong, Senior Environmental Scientist

Return from LOA:

Holly Grover, Environmental Scientist

Separations:

Jennifer LaBay, Environmental Scientist

Retirement:

Jo Anne Kipps, Senior Water Resource Control Engineer

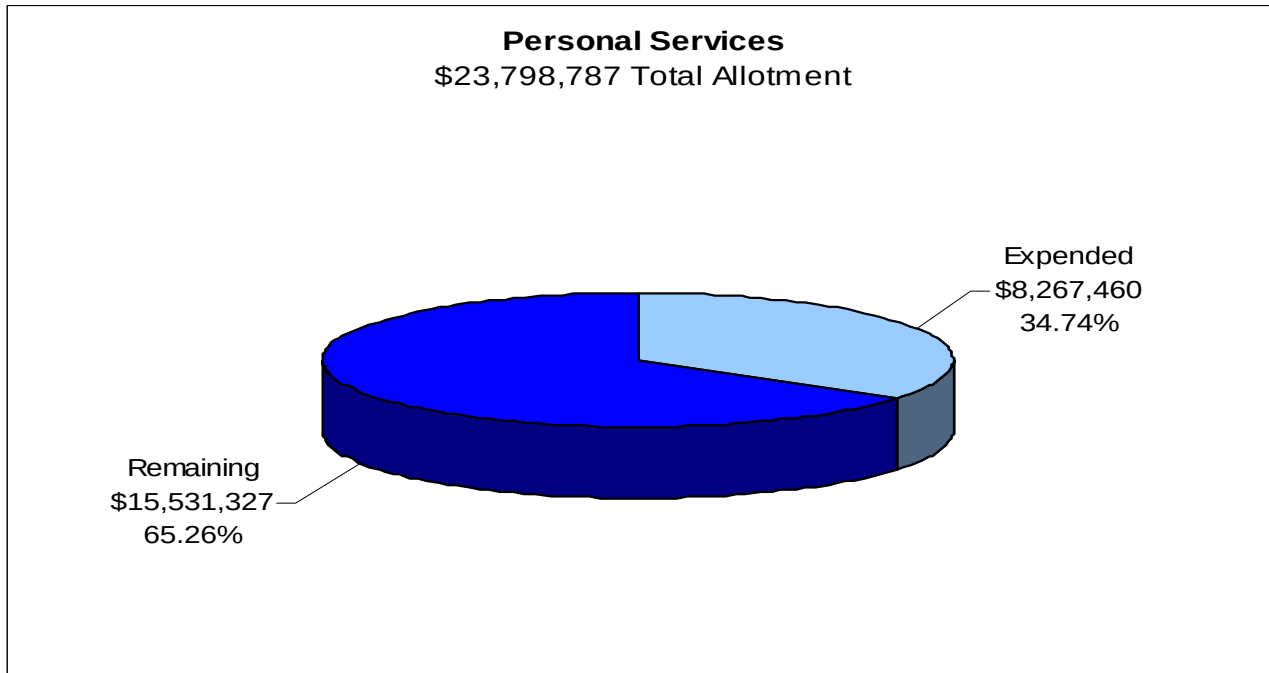
TRAINING (11/1/2010 to 12/31/2010)

<u>Course Title</u>	<u># of Attendees</u>
8 hour Hazwopper Training	64
Advanced Tools for In-Situ Remediation Workshop	1
Assuring Reliability of Water Quality Data	3
Basic Supervision, Part 1	1
Bioassessment Training Workshop	3
CABW Workshop	1
California Aquatic Bioassessment Workgroup	2
Contract Manager Training	1
Defensive Drivers Training	1
Environmental Enforcement Training	4
Epidodic Streams Workshop	1
Fish Passage Design	2
Grant Manager Training	1
Habitat Conservation	5
Interpreting Non-Dect Data Correctly	1
Intro to Social Media in State Gov	2
Introduction to ArcGIS for the Water Boards	1
Mining Summit	1
Pesticide/Water Quality Workshop	1
Plant Nutrition and Physiology	1
Procurement Training	1
QAQC Training	1
Salmonid Restoration Conference	1
Wetlands Mitigation Riparian Area Protection	5

FISCAL REPORT
Based on October 2010 Expenditure Data
(33.3% should have been expended to date)

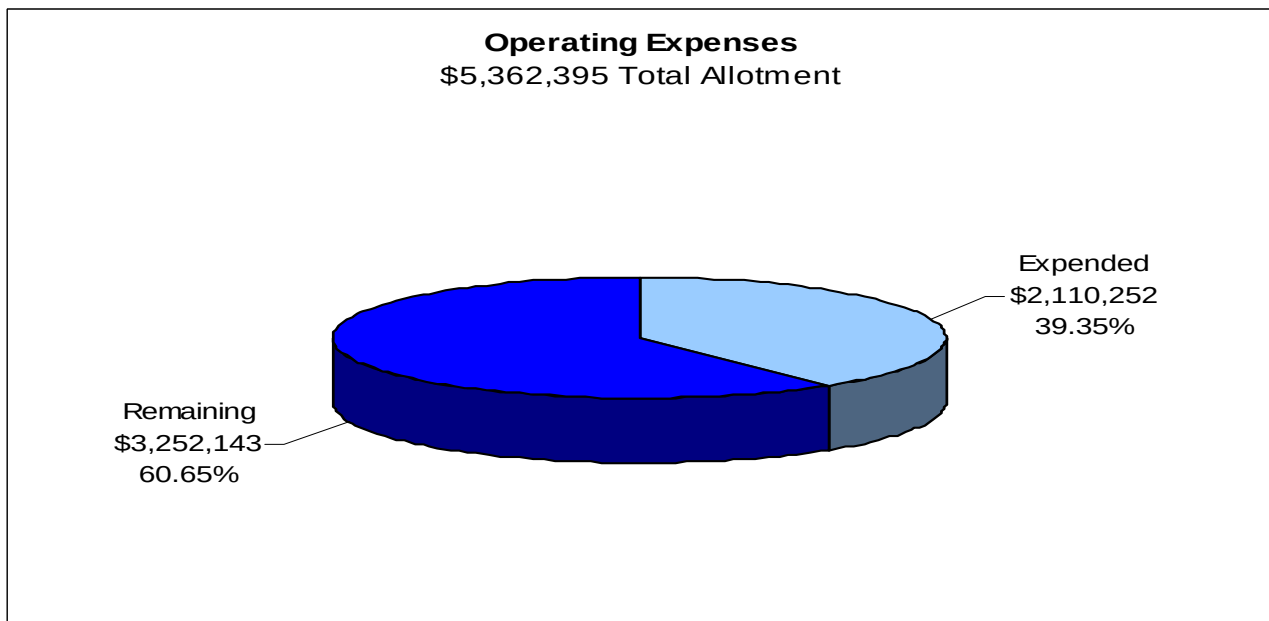
PERSONAL SERVICES

Our Personal Services budget is \$23,798,787



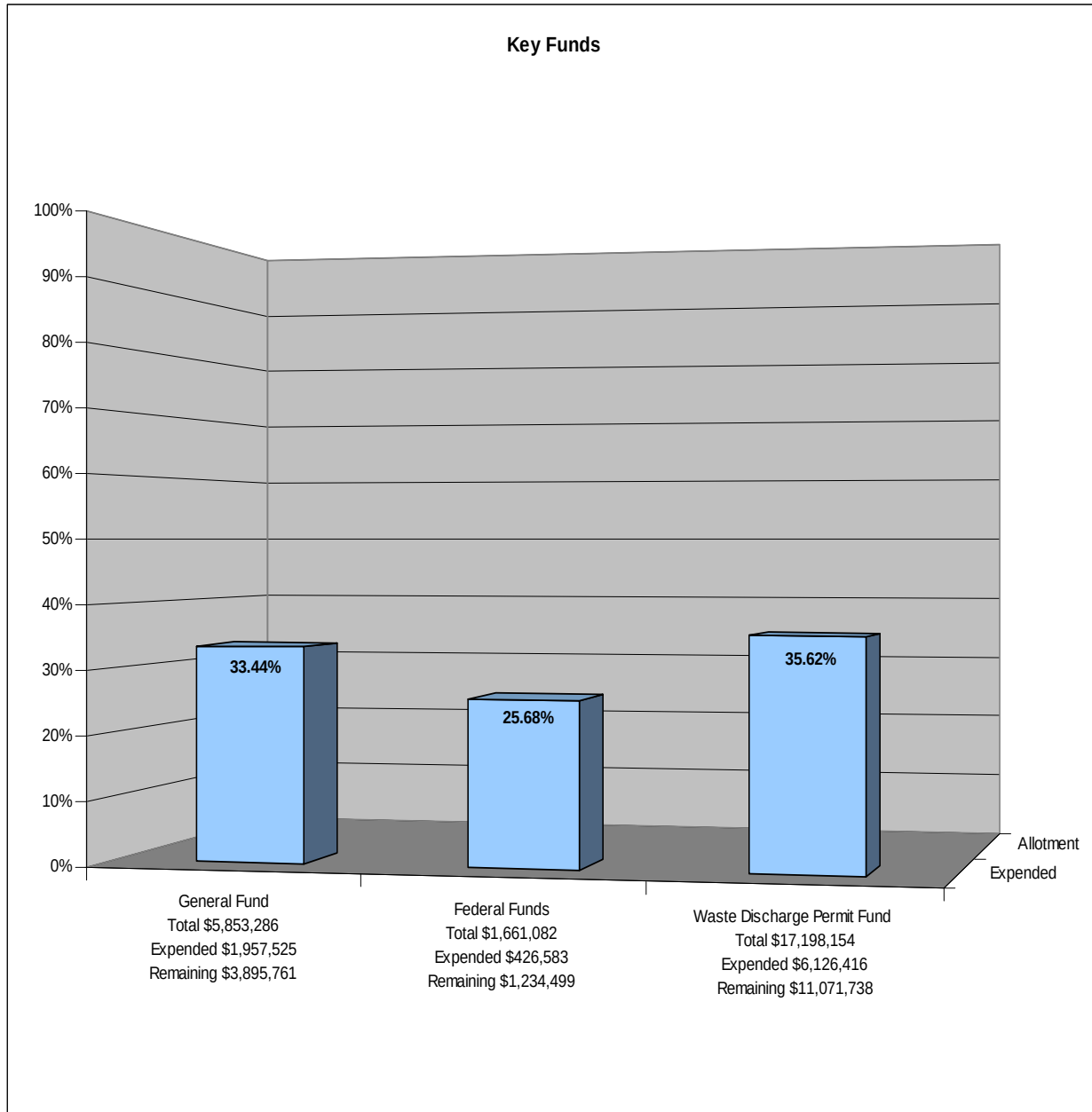
OPERATING EXPENSES

Our Operating Expense budget is \$5,362,395. We have submitted all necessary documents to State Board to expend our contract and equipment monies. We have restocked our office and laboratory supplies for this fiscal year. We are monitoring our expenditures to ensure that all purchases are necessary and critical to our operations.



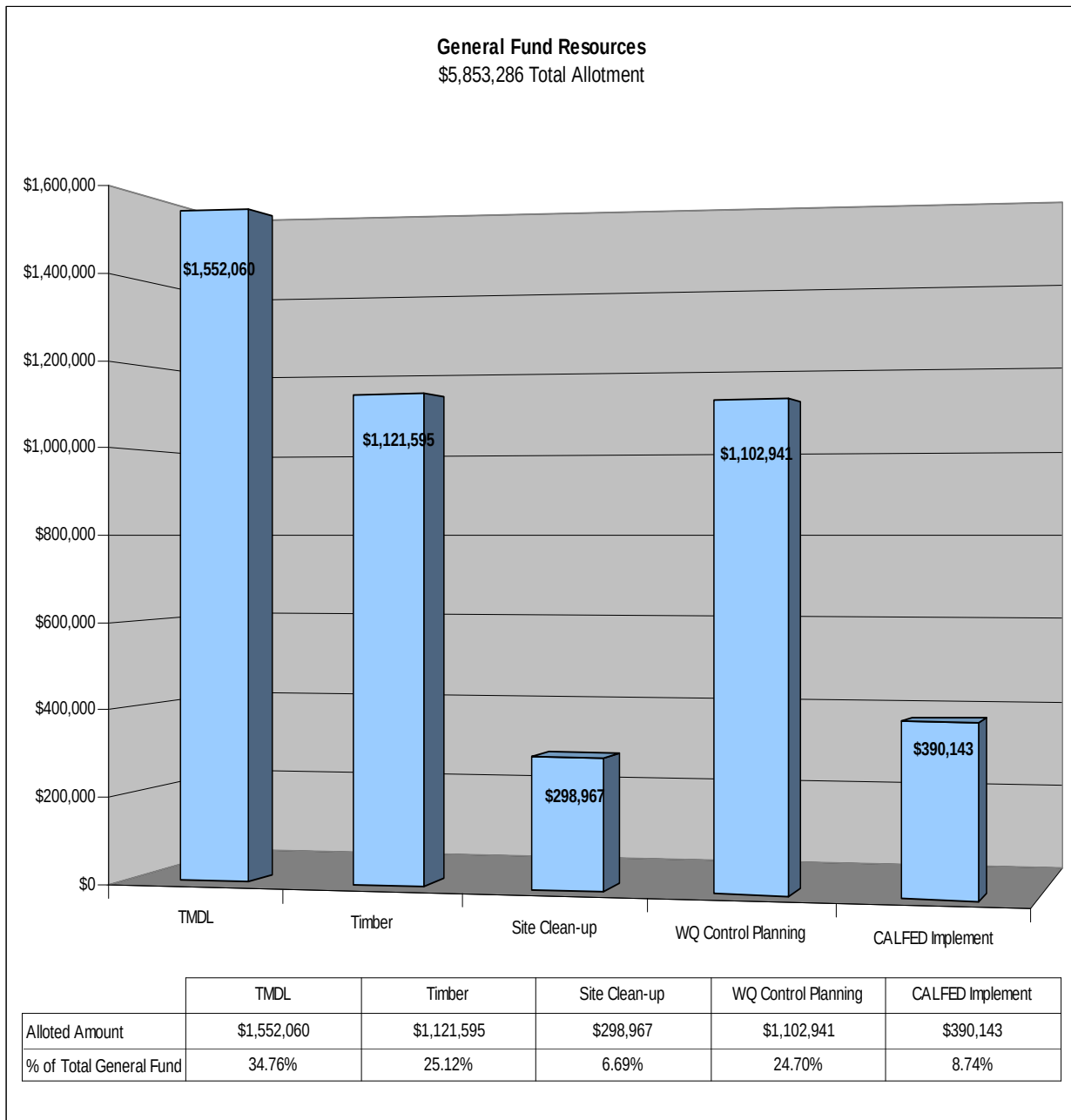
KEY FUND ISSUES

All key funds are being spent at a reasonable level. We will monitor the funds to make sure we do not overspend a fund source.



GENERAL FUND RESOURCES

Below is a chart showing how much general fund money we have received for this year and what programs are funded from this resource. The Legislature and the Governor has directed the money to these specific programs. We have very little discretion in shifting these resources to another program.



Run Date (cfgen12x r_orgsum)

12/23/10 13:57:39

Organization - Region 5

FISCAL MANAGEMENT SYSTEM
Expenditure Organization Summary
for the month ending October 10/11

Page

1

Fund Source	\$ Allotment	\$ Expenditures	% Expended
NPS Pollution Control Program-Prop 13 -- (00BOND-NPSC)	= 0	0	0.0
Prop 84 - 2006 Bond -- (06BOND)	= 0	0	0.0
Cleanup & Abatement Account-Management -- (CAA)	= 5,766,617	1,845,336	32.0
NPDES -- (F(106))	= 241,195	19,928	8.3
Non-Point Source -- (F(319H))	= 732,565	182,838	25.0
DoD Cost Recovery -- (F(DOD-CR))	= 113,015	40,176	35.6
Lawrence Livermore -- (F(LL300))	= 215,816	6,500	3.0
Leaking Underground Storage Tanks -- (F(LUST))	= 358,491	177,141	49.4
General -- (G)	= 5,853,286	1,957,525	33.4
Indirect Distributed Cost -- (IDC)	= 0	0	0.0
-- (IDC-D)	= 0	0	0.0
Integrated Waste Mngmt Acct (AB 1220) -- (IWMA)	= 1,141,491	500,094	43.8
Proposition 50 -- (PROP 50)	= 0	0	0.0
Aerojet Gen Corp Oversight of Cleanup -- (R(AEROJET))	= 167,895	65,267	38.9
Basin Plan Amendments - Drinking Water -- (R(BASIN-DW))	= 145,864	0	0.0
DTSC Brownfield Coordination -- (R(BROWNFIELDS))	= 18,381	0	0.0
CALFED Cooperative Program -- (R(CALFED))	= 894,181	16,861	1.9
(R) Dept of Water Resources -- (R(DEPT WR))	= 45,110	38,050	84.4
R (Dept of Defense Cleanup Oversight) -- (R(SLCDOD))	= 1,337,923	429,983	32.1
Surface Impoundment Assessment Account -- (SIAA)	= 0	0	0.0
State/Federal Revolving Fund-Federal -- (SRFFED)	= 11,584	1,128	9.7
Tobacco Tax -- (TBT)	= 137,080	23,283	17.0
Underground Storage Tank Cleanup Fund -- (UTSCF)	= 2,477,249	983,557	39.7
Waste Discharge Permit Fund -- (WDPF)	= 17,198,154	6,126,416	35.6
-----	-----	-----	-----
TOTAL	36,855,897	12,414,083	33.7 %

Run Date(cfgen32 r_linexrpt)
12/23/10 14:04:40

FISCAL MANAGEMENT SYSTEM
Expenditures By Object / Line Item
for the month ending October 10/11

Page
01

ORGANIZATION -- Region 5

	POSITIONS/PYS		----- \$ EXPENDITURES -----		
PERSONAL SERVICES	BUDGETED	\$ BUDGETED	EXPENDED	BALANCE	% EXPENDED
Authorized Positions					
Permanent Positions	237.5	18,940,936	5,925,844	13,015,092	31 %
Temporary Help	0.0	20,000	0	20,000	0 %
Overtime		0	0	0	0 %
Board Stipend		12,000	1,900	10,100	16 %
Total Authorized Positions	237.5	18,972,936			
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	237.5	18,972,936			
Salary Savings	(11.8)	(1,035,525)			
Net Total Salaries	225.7	17,937,411			
Staff Benefits		5,861,376	2,339,716	3,521,660	40 %
TOTAL PERSONAL SERVICES(PS)	225.7	23,798,787	8,267,460	15,531,327	35 %
LINE ITEM OPERATING EXPENSES & EQUIPMENT DETAIL					
General Expense		231,364	8,253	223,111	4 %
Printing		47,421	23,015	24,406	49 %
Communications		185,689	23,445	162,244	13 %
Postage		26,935	16,870	10,065	63 %
Travel In-State		233,118	15,390	217,728	7 %
Travel Out-Of-State		0	0	0	0 %
Training		73,613	1,370	72,243	2 %
Facilities Operations		0	0	0	0 %
Utilities		0	35,639	(35,639)	0 %
Contracts - Internal		932,309	150,000	782,309	16 %
Contracts - External		3,194,375	1,498,237	1,696,138	47 %
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		399,071	338,033	61,038	85 %
TOTAL OPERATING EXPENSE & EQUIPMENT(OEE)		5,362,395	2,110,252	3,252,143	39 %
TOTAL PS & OEE		29,161,182	10,377,712	18,783,470	36 %
Indirect		7,694,686	2,036,371	5,658,315	26 %
GRAND TOTAL			24,414,083	24,441,785	34 %

FUTURE BOARD ACTIVITIES

The following are significant Board meeting actions anticipated for the next two Board meetings. This is not a complete listing of all Board meeting items. This listing is tentative and subject to change for many reasons. The listing is intended to give a longer-range view of planned Regional Board activities.

April 2011 Board Meeting

Enforcement

- Geer Road Landfill CDO, Stanislaus County
- City of Lone CDO

Irrigated Lands Regulatory Program

- Certification of Program EIR and adoption of Long Term Irrigated Lands Regulatory Program
- Grasslands Bypass Project-USBR and San Luis and Delta-Mendota Water Authority (Revision)

Land Disposal WDRs

- Bogle Winery (New)
- City of Plymouth WWTP (Revision)
- General Order for Centralized Dairy Digester Facilities (New)
- Shasta College WWTP (Update)
- Tehachapi-Cummings County Water District, Master Reclamation Permit (New)
- Tejon Mountain Village, Discharges of Fill to Land (New)
- White Rock North Dump Ground Water Treatment Facility, Sacramento County (New)

NPDES Permits

- Modoc High School Geothermal (Renewal)
- Pactiv Corp. Molded Pulp Mill (Renewal)
- Sierra Pacific Industries, Anderson Division Sawmill, (Renewal)
- Willows WWTP (Renewal)

June 2011 Board Meeting

Basin Planning

- Colusa Basin Plan Amendment

NPDES Permits

- Bear Valley Water District (Permit Renewal)
- Berry Petroleum Company, Poso Creek/McVan Facility (Permit Remand)
- Grizzly Ranch WWTP (renewal)
- Lincoln Center, Stockton (Permit Renewal)
- Maxwell PUD CDO (New)
- Planda CSD WWTP (renewal) \
- Santa Fe Aggregates (formerly Kaweah River Rock) (Renewal)
- Southern California Edison, Balsam Meadows Hydro Project (renewal)
- Tsar Nikolai Sturgeon Farm (Permit Renewal)
- UC Davis WWTP (Permit Revision based on Remand)

Land Disposal WDRs

- General Order for New and Expanded Dairies (New)
- City of Clovis Landfill
- Kern County, Shafter-Wasco Landfill
- City of Newman WWTP (Revision)
- Tulare County, Woodville Landfill

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

NPDES

- Bakersfield Municipal Separate Stormwater Permit (Renewal)
- Bella Vista Water Treatment Plant Renewal
- City of Jackson TSO Amendment
- Discovery Bay WWTP (Permit Revision based on Remand)
- City of Tracy WWTP (Permit Revision based on Remand)
- City of Stockton RWCF (Permit Revision based on Remand)
- City of Lodi White Slough WPCF (Permit Revisions based on Remand)
- El Dorado Irrigation District, Deer Creek WWTP (Permit remand per Court decision)
- El Dorado Irrigation District, El Dorado Hills WWTP amendment
- Fresno Municipal Separate Stormwater Permit (Renewal)
- Hatcheries NPDES Permit (Rescissions ongoing as covered under New General Permit)
- Lucero Olive Oil LLC (Individual WDR)
- Lyondell Environmental Custodial Trust (formerly Millennium Holdings LLC), Bully Hill and Rising Star Mines
- Mather Field GW Treatment System Expansion New
- Mining Remedial Recovery Company, Mammoth Mine (Renewal)
- Myrant / Contra Costa Power Plant, Antioch Renewal
- River Highlands CSD / Yuba County Renewal
- Riviera West Mutual Water Company WTP Renewal
- Soper Company, Spanish Mine (Revision)
- Tuolumne UD/Jamestown Sanitation District WWTP (Permit Remand and Amendments)
- Union Pacific Dunsmuir Railyard

WDRs

- Antonio Brasil Dairy (Individual WDRs)
- Caruthers Raisin Processing Inc., and Mr. Jon Robinson, Raisin Processing Plant (New)
- City of Lemoore WWTF (WDR update)
- City of Tulare WWTF (Revision)
- E&J Gallo, Fresno Winery (WDR update)
- Edward Nunes Dairy Expansion (Individual WDRs)
- Fawcett Farms Dairy (Individual WDRs)
- Foster Farms Ellenwood Hatchery Expansion (individual WDRs)
- Kettleman Hills Facility, Chemical Waste Management (WDRs for expansion)
- Lamont PUD, WWTF (WDR update)
- Lucero Olive Oil LLC (Individual WDRs)
- Mule Creek State Prison (WDRs renewal)
- O'Neil Beverages Company, Reedley winery (WDR update)
- Olson Meat Packers (Individual WDR)
- Panoche Energy Center (individual WDR, New)
- Von Bargaen Septic Disposal (Individual WDR)
- Wooden Shoe Dairy Expansion (Individual WDRs)