

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



**EXECUTIVE OFFICER'S REPORT
April 11/12, 2013**

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SUCCESS STORIES

Please Welcome Our Newest Executive Management Team Members:

- **Dr. Andrew S. Altevogt**
Andrew has accepted the position of Assistant Executive Officer (AEO) in our Sacramento office and will provide Executive Management oversight for the Site Cleanup, Underground Storage Tanks, Waste Discharge Requirements, Title 27, Mines, Dairies and Enforcement Programs. He has also accepted the challenge of creating and initiating our Board's efforts on the climate change as it relates to water quality and our regulatory actions. Andrew comes to us from CalEPA where he served as Senior Manager in their Climate Programs. Prior to CalEPA Andrew worked as a Research Scholar for Princeton University where he conducted extensive research on environmental chemistry and water transport. He has published a number of peer reviewed journal articles in leading water resource journals. Andrew has a Bachelor's and Master's Degrees in Environmental Engineering from Massachusetts Institute of Technology (MIT) and earned his Ph.D in Hydrologic Sciences from UC Davis.
- **Clint E. Snyder, P.G.**
Clint has accepted the position of AEO in our Redding office and will provide Executive Management oversight for all programs conducted by the Board including NPDES, 401 Certification, Stormwater, Timber Harvest, Nonpoint Source, Mines, Site Cleanup, Underground Storage Tanks, Waste Discharge Requirements, Title 27, Dairies, Irrigated Lands and Enforcement Programs. He has also accepted the challenge of being the Executive Sponsor of our Project Management program. Clint served as the Senior Engineering Geologist in the Groundwater Unit for our Redding office prior to accepting the AEO position. Prior to the Water Board Clint worked as a Principal Geologist and served on the Board of Directors for VESTRA Resources, an engineering consulting firm. Clint has Bachelor of Science in Geology from CSU Chico and is a Registered Professional Geologist with the States of California and Oregon.

SUCCESS STORIES

1. **San Joaquin River Diazinon Nonpoint Source Success Story**
A nonpoint source success story was written this year describing how concentrations of the insecticide diazinon have been reduced in the San Joaquin River, prompting California to remove diazinon listings for two reaches of the San Joaquin River from the state's 2010 Clean Water Act section 303(d) list of impaired waters. This was a multi-agency and stakeholder watershed effort. The nonpoint source success story can be found here: http://water.epa.gov/polwaste/nps/success319/ca_sanjoaquin.cfm. EPA Region 9 will also be showcasing this success in their Annual Progress Report.
2. **528 Acre Property Transfer with Privatized Remediation Completed at Former McClellan Air Force Base**, Sacramento County. On 7 January 2013, Governor Brown gave his approval to the third property transfer with privatized remediation at the former McClellan Air Force Base near Sacramento. With the Governor's approval, the Air Force transfers by fee title approximately 528 acres to McClellan Business Park, including a variety of industrial facilities, office buildings, and vacant land. This property is being transferred using an innovative and complex multi-agency agreement referred to as an "early transfer with privatized cleanup". The agreement relies on two key provisions: 1) a negotiated cost agreement stipulating how much the Air Force will pay to Sacramento County, and its developer, McClellan Business Park, to conduct the remaining environmental cleanup; and 2) a Federal Facility Agreement Amendment stating that the U.S. Environmental Protection Agency (U.S. EPA), rather than the Air Force, will assume the lead role of determining remaining cleanup decisions for the property in collaboration with State agencies: the Department of Toxic Substances Control and the Central Valley Water Board.

This project will privatize the cleanup of 133 contaminated sites. The contaminants include PCBs, semi-volatile organic compounds, total petroleum hydrocarbons, metals, dioxin/furans, radium 226, and volatile organic compounds in shallow soil gas. Under the transfer agreement, McClellan Business Park, with oversight from U.S. EPA and State agencies, will be responsible for addressing contamination in the first 15 feet of soil below the surface. The Air Force will continue cleanup of the groundwater and deeper soil. Transfer of cleanup resulted in a negotiated \$24.8 million, fixed price, insured cleanup cost the Air Force will pay to Sacramento County. The Former McClellan Air Force Base is one of the largest economic development and infill reuse projects in Northern California. Currently some 15,000 people live and work on the base. Sacramento County estimates that when fully developed the Park will have

some 35,000 jobs and generate over \$6.6 million per year in local property tax and \$1.1 million per year in local sales tax revenue.

3. **Settlement of Administrative Civil Liability Complaint R5-2012-0500, California Department of General Services (DGS), Nevada City Forest Fire Station, Nevada County.** On 10 December 2012, the Executive Officer and DGS settled an ACL Complaint which had been issued for violations of the Construction Storm Water General Permit during construction of a new fire station under a contract from DGS. The Settlement Agreement assesses a liability of \$45,000. The agreement calls for DGS to pay \$26,210 to Cleanup and Abatement Account and the remaining \$18,790 to be waived once DGS completes an Enhanced Compliance Action (ECA) project. The ECA consists of state-wide storm water pollution prevention training for DGS construction project managers and field staff with an estimated cost over \$140,000. A final report on the ECA project is due by 15 April 2013.
4. **Settlement of Administrative Civil Liability Complaint R5-2012-0558, City of Lone Wastewater Treatment Facility, Amador County.** On 10 January 2013, the Executive Officer and the City of Lone settled an ACL Complaint which was issued for violating a 2011 Cease and Desist Order (Order) for failing to submit a Report of Waste Discharge by 30 May 2012. The Settlement Agreement assesses a liability of \$123,818. The agreement calls for Lone to pay \$61,909 into the Cleanup and Abatement Account (payable in two equal installments) with the remaining liability of \$61,909 to be permanently suspended upon completion of an Enhanced Compliance Action (ECA) project. The ECA consists of making improvements to the collection system by slip lining approximately 1,398 feet of 6-inch sewer main along Preston Avenue. A Final Report on the ECA project is due by 31 July 2013.
5. **No Further Action Required - Underground Storage Tanks (UST)**
Following are sites where Board staff concluded that residual hydrocarbons remaining do not pose a threat to human health and safety or anticipated future beneficial uses of water. Investigation and remediation work, therefore, may be discontinued and no further action is required. . This decision is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Upon completion of corrective action, §2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional corrective action. This document serves to provide public notification for the completion of corrective action.

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

a. **FRESNO OFFICE**

Fresno County

Vulcan Materials Company, 11599 Old Friant Road, Fresno, Fresno County

A release was discovered from a 200-gallon lubricating oil storage tank next to two inactive rock crushing machines located approximately 200 feet east of the San Joaquin River. The extent of soil impact was defined by 17 soil borings drilled in January 2011. The impacted soil was removed to the extent practicable due to the presence of large concrete footings for the crushing machines in three directions. In addition, approximately 6,100 gallons of contaminated groundwater was pumped out from the excavation. To accelerate the biodegradation process of the petroleum hydrocarbons remaining, ORC Advanced™ was applied. Two groundwater monitoring wells were installed after backfill at about 30 feet west and 7 feet north of the oil tank. Low levels of TPH as diesel (non-detect to 76 µg/L) were detected in groundwater samples collected during the two monthly sampling events. The levels were below the Environmental Screening Level for TPH as diesel (100 µg/L) and do not pose a threat to water quality, human health, or the environment. A fact sheet was mailed to nearby residents. No comments were received and a status of No Further Action required was issued.

Chevron Wait-Midway Pipeline between Milepost 13 and 19.5, Approximately 16 Miles West of Bakersfield, Kern County.

An approximately 6.5 mile long portion of the Wait-Midway crude-oil pipeline passes through the subject area (currently owned and operated by three water-banking agencies) about one mile northwest of the Kern River. Subsurface crude oil degradation from pipeline leaks was identified at 13 different locations at four major portions of pipeline in the early 1990s. More than 150 soil borings were drilled and monitoring networks installed to assess the degradation. Elevated concentrations of petroleum hydrocarbons in groundwater included total petroleum hydrocarbons as

diesel (up to 310 µg/L). Increased solubilization of manganese was also observed as a byproduct of natural attenuation of the crude oil. For cleanup, Chevron chose monitored natural attenuation combined with implementing a management practice of avoiding groundwater infiltration near impacted soil. BTEX concentrations dropped below the method detection limits and total petroleum hydrocarbon (TPH) concentrations declined to below practical quantitation limits (PQLs) in most of the monitoring wells by 2011. The recent 2012 rise in groundwater levels allowed direct contact with residual crude oil in soil again, but analytical results have not indicated a notable increase in the concentrations of TPH in groundwater. A fact sheet was mailed to nearby landowners and water banking agencies. No comments were received and a status of No Further Action required was issued.

No Department of Defense Action Indicated (NDAI), former F-83 Dos Palos Military Reservation, Dos Palos, Fresno County. The United States Army Corps of Engineers (USACE) submitted documentation regarding the formerly used defense site (FUDS), F-83 Dos Palos Military Reservation. The former F-83 site is approximately 18 miles west of Mendota and encompassed approximately 15 acres. The site was used during World War II as an early warning radar station. Recent inspections of the site found no indications of past Department of Defense (DoD) use. Based on the information provided, Central Valley Water Board staff, in a 12 March 2013 memorandum, concurred with the USACE's NDAI determination.

No Further Action Required, Retail Merchant Site, Day and Chester Avenues, Oildale, Kern County. An environmental site assessment was conducted at this site for real estate property transfer purposes. Investigations of the property found aboveground crude oil storage tanks were previously on the site. Subsurface soil investigations defined the lateral and vertical limits of the crude oil impacts to soil and found no impact to groundwater. Additionally, with a separation of approximately 150 vertical feet between the bottom of the crude oil impacted soil and groundwater and given the crude oil release was over 40 years old, it appears unlikely that groundwater resources are threatened. In addition, no threat to human health or the environment was found to exist. As such, Central Valley Water Board staff issued a no further action required letter.

Bowles Service Station, 2010 East Manning Avenue, Fresno

When this site's UST was removed in the mid 1980's, soil samples were not obtained. Three soil borings were subsequently drilled to depths of up to 78 feet during December 2008 and only trace concentrations of gasoline constituents were detected below 35 feet. Groundwater is at a depth of about 80 feet; this case only has a minor soil impact and groundwater is not affected. The case is not in an area with municipal water supply and does not meet the general criteria of the Low-Threat Closure Policy (LTCP); however, the case does meet the media specific criteria of the Policy and was closed on 13 February 2013. (JWH)

Cliff's Exxon, 1307 N Street, Firebaugh

Four USTs were removed from the site during November 1999 and subsequent groundwater monitoring detected floating product. Six dual-phase extraction events were performed between 2004 and 2008 and removed about 1,900 pounds of gasoline. Between April 2010 and September 2011, additional site remediation was performed by injection of hydrogen peroxide and ozone. The case meets the criteria in the LTCP and was closed on 5 February 2013. (JWH)

Food King Market, 1135 Bush Street, Lemoore

A release to soil and groundwater from the UST system was discovered during 1999. About 14,000 pounds of gasoline were removed between 2004 and 2006 by soil vapor extraction and air sparging. By 2012, groundwater concentrations had declined to low levels and water quality goals could be achieved by natural attenuation. The case meets the criteria for closure in the LTCP and was closed on 13 February 2013.

b. **REDDING OFFICE**

LUST Closure, 7-Eleven Store #24861, Redding, Shasta County

Historically the site was utilized as a retail fuel service station and convenience store. In 1998 elevated petroleum hydrocarbon contamination primarily TPHg, BTEX, and MtBE were reported in soil and groundwater samples collected during tank removal activities. Investigation and remediation activities completed between 1999 and 2012 included over excavation, soil amendment, soil vapor extraction, and hydrogen peroxide injection. Initial pollutant mass was estimated at 1,052 pounds in soils and 137

pounds in groundwater at the site. Remedial activities and natural attenuation has reduced pollutant mass in soils to approximately 113 pounds (89% reduction) and approximately 1.1 pounds (99% reduction) in groundwater. This case was closed in January 2013.

c. **SACRAMENTO OFFICE**

Contra Costa

Percy's Radiator Shop, 901 A Street, Antioch

In January 1991, two USTs, one 10,000-gallon and one 6,000-gallon, were removed from the Site. Percy's estimates an initial mass of 83 pounds of TPHd was released to groundwater and will reach water quality objectives within 12 years. Site wells have been properly abandoned and the site was closed on 12 February 2013. (BET)

Calaveras County

Gas Mart - 141 West Saint Charles Street, San Andreas

In March 2004, dispenser replacement work found that petroleum hydrocarbons (about 16 pounds) had been released and impacted groundwater. Over a period of 8 years, natural attenuation decreased the petroleum hydrocarbons to levels that do not pose a significant threat to groundwater quality, the environment or human health and safety, therefore the site was closed on 31 January 2013. (GTM)

Placer County

Budget Gas & Food, 1650 Lincoln Way, Auburn

Two separate unauthorized releases of petroleum fuel occurred at this Site; the first release was discovered in April 1996, and a second release was discovered in November 2001. Petroleum concentrations in groundwater are declining, the residual petroleum plume is limited in extent, and concentrations are projected to decline below water quality objectives soon. No analyzed constituents remain in shallow soil or soil gas in excess of commercial use screening levels, and the closest supply well to the Site is located 2,000 feet up/cross gradient. Remaining petroleum constituents are unlikely to pose a threat to human health or further impact waters of the State. The two cases for this single site were closed on 8 January 2013. (PRS)

Circle K Store # 1332, 215 Harding Boulevard, Roseville

In 1994, an unauthorized release of petroleum fuel was documented, and in June 1998, three 10,000-gallon USTs, all product lines, dispensers and 575 cubic yards of petroleum impacted soil were removed from the Site. A combination of excavation, ozone-sparging, and natural attenuation has removed over 3,370 pounds (540 gallons) of petroleum from the Site, and less than a pound is estimated to remain in groundwater. Residual petroleum concentrations in groundwater continue to decline and are expected to attenuate below water quality objectives within five years. The Site was closed on 2/19/2013. (PRS)

Sutter County

Mechanic's Shop, 914 Von Geldern Way, Yuba City RB #510054

In May 1992, one 10,000-gallon diesel UST and about 300 cubic yards of soil were removed from the Site. A grab groundwater sample from the UST pit was below maximum contaminant levels (MCLs). Public participation was completed on 20 February 2013 and the UST case was formally closed on 28 February 2013. (JLB)

Tuolumne County

Pacific Bell Facility UE-695, 142 Ponderosa Drive, Sonora

In 2003, a UST was removed from the site along with the associated dispensers and piping. Sampling performed at that time indicated soil and groundwater were impacted by diesel and gasoline fuel. Five dual phase extraction events removed about 9 pounds of petroleum hydrocarbons, and an estimated 16 pounds of petroleum remain in soil and less than 1 pound remains in groundwater. Residual petroleum constituents do not threaten human health or the environment. The site was issued a No Further Action letter on 30 January 2013. (PGM)

Local Agency UST Closures with Concurrence of Board Staff

San Joaquin County

Earthgrains/Sara Lee/Kilpatrick, 1717 South Center Street, Stockton
Former ARCO Station #548, 1612 Hammer Lane, Stockton
Former Canteen Corporation, 1500 Shaw Road, Stockton
Former Langston ARCO, 15615 South Seventh Street, Lathrop
Plaza Liquors, 2420 West Turner Road, Lodi
Chase Chevrolet (Area 15), 423 Madison Street, Stockton

Tulare County

Caltrans Lemon Cove (Maintenance Station), 33685 Road 248, Lemon Cove

Local Agency UST Closures Independent of Board Staff Review

COMPLIANCE AND ENFORCEMENT

1. **Administrative Civil Liability Complaint R5-2013-0524 issued to the John Jacobi Dairy in Tulare County for failure to submit technical report.** On 8 March 2013, the Assistant Executive Officer issued an Administrative Civil Liability Complaint in the amount of \$6,000 to the owner and operator (Discharger) of the John Jacobi Dairy for failure to submit a technical report. Pursuant to the Waste Discharge Requirements General Order R5-2007-0035 for Existing Milk Cow Dairies, the Executive Officer issued a California Water Code section 13267 Order directing the Discharger to implement groundwater monitoring at the Dairy. A Notice of Violation was issued to the Discharger for failure to comply with the 13267 Order, and a pre-filing settlement letter was issued notifying the Discharger that staff was in the process of assessing civil liability for failure to comply with the 13267 Order. The pre-filing letter provided the Discharger with the opportunity to meet with Central Valley Water Board staff to discuss the alleged violation and enter into settlement negotiations.
2. **Administrative Civil Liability Complaint R5-2013-0523 issued to the Alcaraz Dairy in Tulare County for failure to submit technical reports.** On 8 March 2013, the Assistant Executive Officer issued an Administrative Civil Liability Complaint in the amount of \$9,300 to the owner and operator (Discharger) of the Alcaraz Dairy for failure to submit technical reports. The Dairy is regulated under the Waste Discharge Requirements General Order R5-2007-0035 for Existing Milk Cow Dairies, which requires submission of annual reports documenting that monitoring has been conducted and that the facility is operating in compliance with the Dairy General Order. A Notice of Violation was issued to the Discharger for failure to submit the annual report, which was due by 1 July 2012. In addition, pursuant to the Dairy General Order, the Executive Officer issued a California Water Code section 13267 Order directing the Discharger to implement groundwater monitoring at the Dairy. A Notice of Violation was issued to the Discharger for failure to comply with the Dairy General Order and the 13267 Order, and a pre-filing settlement letter was issued notifying the Discharger that staff was in the process of assessing civil liability for failure to submit the Annual Report and comply with the 13267 Order. The pre-filing letter provided the Discharger with the opportunity to meet with Central Valley Water Board staff to discuss the alleged violations and enter into settlement negotiations.
3. **Other Dairy Compliance and Enforcement Activity.** Approximately eight dairies, in addition to the John Jacobi and Alcaraz dairies were issued pre-settlement filing letters for failure to either submit a 2011 annual report or comply with a 13267 Order. Most of the owners or operators of these dairies responded to the pre-filing letters and are in various stages of settlement. To settle the violation, the dairy owner/operator must agree to come into compliance with the General Order and pay a negotiated monetary penalty. Tentative settlement agreements are posted on the Central Valley Water Board's internet site for a 30-day public comment period before becoming final. It appears likely that at least one of the violations may not be settled, in which case the Assistant Executive Officer will issue an Administrative Civil Liability Complaint.
4. **Administrative Civil Liability (ACL) Complaint, Toyautomart, Sacramento County**
On 4 March 2013, the Executive Officer issued ACL Complaint R5-2013-0517 to Toyautomart, an auto dismantler in Rancho Cordova, for failure to submit its 2011/2012 industrial storm water annual report. The assessed liability for this violation was \$4,450.
5. **ACL Complaint, Richard Sykora, Red Ink Maid and Big Seam Mine, Placer County**
On 4 March 2013, the Executive Officer issued ACL Complaint R5-2013-0518 to Richard Sykora for failure to submit the 2011/2012 industrial storm water annual report for this gold mine near Foresthill. The assessed liability for this violation was \$4,450.
6. **ACL Complaint, HBT of Saddle Ridge LLC, Cascade Crossing, Nevada County**
On 4 March 2013, the Executive Officer issued ACL Complaint for \$124,557 to HBT of Saddle Ridge LLC for violations of the Construction Storm Water General Permit at the Cascade Crossing development in Lake of the Pines, California. HBT of Saddle Ridge LLC is the owner and developer of the property and responsible for complying with the General Permit. Violations cited in the Complaint were associated with failure to implement storm water best management practices which led to a discharge of turbid storm water from the construction site into Ragsdale Creek, a tributary to Wolf Creek and the Bear River.

7. **ACL Complaint issued to Donahue Schriber Asset Management Corporation, Rocklin Commons, Placer County.** On 4 March 2013, the Executive Officer issued ACL Complaint R5-2013-0521 for \$51,550 to Donahue Schriber Asset Management Corporation (Donahue Schriber) for violations of the Construction Storm Water General Permit at the Rocklin Commons construction site. Donahue Schriber is the developer and owner representative for this new shopping center and responsible for complying with the General Permit. Violations cited in the ACL Complaint were associated with failure to implement storm water best management practices during a rainfall event in November and December 2012.
8. **ACL Complaint issued to the City of Manteca, Wastewater Quality Control Facility, San Joaquin County .** On 4 March 2013, the Executive Officer issued ACL Complaint R5-2013-0516 in the amount of \$87,492 to the City of Manteca for violations of Waste Discharge Requirements Order R5-2009-0095. Violations cited in the CCmplaint are associated the discharge of wastewater to the San Joaquin River that did not meet the permit requirements for disinfected tertiary treated effluent.
9. **Cleanup and Abatement Order, City of Loyalton Wastewater Treatment Facility, Sierra County**
On 28 February 2013, the Executive Officer issued Cleanup and Abatement Order R5-2013-0700 to the City of Loyalton Wastewater Treatment Facility in Sierra County. The Order provides an enforceable time schedule for the City to submit past due technical reports and retain a certified wastewater treatment plant operator to oversee operations. Additionally, the Order provides a schedule to investigate and repair the facility's synthetically lined wastewater storage ponds. Shortly after the ponds were constructed in 2009, it was found that portions of the liners were floating above the water surface and wastewater was seeping from the pond berms.
10. **City of Placerville Collection System Audit, El Dorado County**
On 11 October 2012 and 6 November 2012, staff from the Central Valley Board and the State Water Board Office of Enforcement conducted an audit of the City of Placerville's sanitary sewer collection system. The purpose of the audit was to evaluate the City's compliance with the *Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, State Water Board Order No. 2006-003-DWQ (Sanitary Sewer Order)* and the amended *Monitoring and Reporting Program (Amended MRP), State Water Board Order No. 2008-EXEC*, and consisted of a review of documents and two inspections. Board staff identified seven violations of the Sanitary Sewer Order and Amended MRP and one area of concern. The violations included: 49% of the Sanitary Sewer Overflows (SSOs) reached surface waters; failure to certify the majority of the Category 1 SSO reports within the required 15 calendar days; failure to comply with the required 2-hour notification for the majority of Category 1 SSOs; failure to retain and maintain adequate SSO record documentation for the required five years; failure to certify and approve a Sewer System Management Plan (SSMP) within the required 48 months after the adoption of the Sanitary Sewer Order; and, failure to allocate adequate resources for the operation, maintenance, and repair of its sewer system and to implement the approved SSMP. The area of concern was failure to provide adequate training to collection system staff on appropriate SSO documentation and volume estimation. The City responded to staff's findings on 4 March 2013 and has proposed procedural changes and additional training that should resolve the violations.

Enforcement Update

The Central valley Water Board continued to have a productive enforcement period since the last report at the February Board meeting. Since the last report, enforcement staff in our core regulatory programs issued a number of informal actions for minor violations, such as 115 Notices of Violations, and 17 staff enforcement letters following the Water Boards' progressive enforcement approach. Staff also issued seven verbal warnings from 1 January through 15 March 2013.

In addition, staff took formal enforcement against core regulatory permittees who had major violations of their permits. In those cases, staff issued one Cleanup and Abatement Order, two 13267 Directive Orders/Letters to bring them into compliance. Staff also issued monetary penalty actions, such as, Administrative Civil Liability (ACL) Orders or complaints for a total of \$1,136,617 in liabilities.

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 01/01/2013 Occurred on or before 03/15/2013

RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	RDA	SEL	TSO	UNK	VER	TOTAL*
1	0	0	0	0	3	0	0	0	12	0	1	0	0	0	0	16
2	0	0	0	3	0	1	5	0	1	0	0	0	0	0	1	11
3	0	0	0	0	0	0	3	0	3	0	0	7	0	0	1	14
4	7	0	0	6	0	0	5	10	38	13	0	1	3	1	5	89
5F	2	0	0	2	0	0	0	0	25	0	0	11	0	0	2	42
5R	0	0	0	2	0	0	0	0	20	0	0	6	0	0	4	32
5S	0	0	0	20	1	0	0	0	70	0	0	1	0	1	1	93
6T	0	0	0	0	0	0	0	0	2	0	0	2	0	0	4	8
6V	1	0	0	1	0	1	0	0	4	1	0	3	0	0	2	13
7	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	4
8	0	18	43	2	0	0	0	20	1	0	0	9	0	0	30	123
9	0	0	1	0	0	0	7	0	2	0	0	75	0	0	4	89
STATEWIDE*	10	18	44	38	4	2	20	30	178	14	1	116	4	1	54	534

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter

2nd_NNC = 2nd Annual Report Notice Noncomp

CDO = Cease and Desist Order

NOV = Notice of Violation

SEL = Staff Enforcement Letter

VER = Oral Communication

13267 = 13267 Letter/Order

ACL = Admin Civil Liability

EPL = Expedited Payment Letter

NTC = Notice to Comply

TSO = Time Schedule Order

VER = Verbal Communication

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

CAO = Clean-up and Abatement Order

NNC = Notice of Stormwater Noncomp

RDA = Referral to District Attorney

UNK = Unknown

* Columns or Rows count distinct instances of Enforcement Actions.

Overall, when looking from a statewide perspective, our Regional board issued approximately 31% of the total count of statewide enforcement actions in the core regulatory programs during this period.

Performance Targets

Performance measurement and reporting is an important component of a complete system of performance management needed to demonstrate how well programs or strategies are working and why. Information obtained through better performance measurement and program evaluation provides insight that enables us to understand and replicate successes, and continuously improve programs. To this end, the Water Boards establish annual performance targets for key output measures. In effect, these targets are goals that establish measurable levels of performance to be achieved within a specified time period. The Water Board has a systematic target setting approach for several of its programs. Using this new method, performance targets are based on available resources and uniform cost factors for key workload outputs. This target setting approach is described in the following link and was used to develop the FY 2012-2013 performance targets. [Water Board's 2012 Resource Alignment Report](#)

Below is a Table that displays our Regional Performance Targets for the current fiscal year.

Region 5 Performance Measurement Update 1 July 2012 to 28 February 2013					
Program	Actual	Original Target	Revised Targets	% Complete	Comments
NPDES Wastewater					
NPDES Major Individual Permits Issued, Revised and Renewed	3	9		33%	Major Permits. Three permits have been adopted, and four additional permits are planned for adoption this fiscal year. Technical issues have delayed adoption of a couple permits past June 30.
NPDES Major Individual Permits Inspections	11	54		20%	The anticipated target for the fiscal year will be met.
NPDES Minor Individual Permits Issued, Revised and Renewed	7	14		50%	Minor Permits. Seven permits have been adopted and seven additional permits are planned for adoption this year, meeting the target of 14 renewals. Several minor permits have also been rescinded, which does not count toward a target measure, but does reduce the number of backlogged NPDES Permits.
NPDES Minor Individual Inspections	27	30		90%	
NPDES Minor General Enrollees Inspections	2	0		200%	
Waste Discharge to Land – Wastewater					
Waste Discharge to Land, Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	23	34		67%	
Waste Discharge to Land, Municipal Waste Facilities Inspections	87	92		94%	
Waste Discharge to Land, Industrial Waste Facilities Inspections	29	50		58%	
Waste Discharge to Land, All Other Facilities Inspections	2	4		50%	The anticipated target for the fiscal year will be met.
Land Disposal					
Land Disposal Landfills Permits Issued, Revised and Renewed	6	10		60%	
Land Disposal Landfills Inspections	52	60		86%	
Land Disposal All Other Permits Issued, Revised and Renewed	0	7		0%	The anticipated target for the fiscal year will be met or exceeded.
Land Disposal All Other Inspections	23	50		46%	The anticipated target for the fiscal year will be met.
NPDES Storm Water					
Stormwater Construction Inspections	277	450		61%	
Stormwater Industrial Inspections	146	202		72%	
Stormwater Municipal Inspections	2	1		200%	
Other Programs					
Timber Harvest Inspections	88	101		87%	
Confined Animal Facility Inspections	343	450		76%	
All Other Programs	0	0		0%	
Clean Up					
New DoD Sites Into Active Remediation	13	22		59%	
New SCP Sites Into Active Remediation	18	28		64%	
Cleanup Program Sites Projected Closed	31	79		39%	State Board modified the counting criteria between remediations and closure.
New UST Sites Into Active Remediation	70	44		159%	
Underground Storage Tank Sites Projected Closed	69	120		57%	

* NPDES General Permits: Three general NPDES Permits are planned for renewal at the May Board meeting. General permits provide permit coverage for dozens of discharges, avoiding the need for individual permits. General Permit renewal is not a performance measure, but does take staff time away from individual permit renewals.

SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

1. **BNSF Railway, Rich Bar Diesel Spill, Feather River, East of Beldon, Plumas County**

On 25 January 2013, Central Valley Water Board staff responded to a California Emergency Management Agency Hazardous Materials Spill Report of a 3,200 gallon red-dyed diesel release on Union Pacific Railroad tracks from a Burlington Northern Santa Fe Railway Company locomotive that struck a rock on the tracks puncturing the fuel tank. The fuel infiltrated the track ballast and began discharging into the Feather River approximately 100 feet below and slightly downstream of the spill location. Central Valley Water Board staff has been working closely with BNSF and their consultant to facilitate cleanup and remediation. As of late February 2013, an estimated 1,622 gallons of diesel fuel has been recovered from the collection trenches on shore and on absorbent booms across the river. Crews are still assessing this remedial action to determine its effectiveness.

2. **The City of Taft (Western Kern County)** reported on Tuesday March 12 an SSO which began on Friday, March 8, due to complete failure of a 15" sewer main. WWTF staff failed to note the decreased flow in a timely manner. A workaround was installed by Midnight on March 12 and all sewage was again routed to the WWTF. The current estimate is that nearly 1.9 million gallons of raw untreated sewage spilled to Sandy Creek, a currently dry ephemeral drainage which is recognized as potential habitat for several threatened and endangered species. The spill extended for at least a mile in the sandy alluvium. The City and its contract operator have been very responsive to the spill since discovery; rerouting sewer flows, initiating sewer line repairs, posting the area of the spill to advise the public, cooperating with Water Board and CA DFW inspectors, hiring consulting biologists, and beginning the sewage solids cleanup process specified by Water Board staff. CA DFW has advised against disinfection of the stream channel. Water Board staff continues to monitor the progress of solids removal and is considering appropriate formal enforcement actions.

NOTE:

See Attachment A at the back of the report for Sanitary Sewer Spill Overflows Summary Report that identifies all of the spills for each office. The chart includes totals by spill cause, category type, and category definition.

DELTA ACTIVITIES

1. **Delta Regional Monitoring Program**

At the 27 February Delta RMP Steering Committee meeting, the Steering Committee approved a mission statement, management questions, and the roles and responsibilities of the Steering Committee and the Technical Advisory Committee. Chris Foe also presented a study plan for nutrients. The presentation pushed the Steering Committee to more seriously consider the direction of the RMP activities. As a result, the Steering Committee has been tasked with applying specific criteria questions to different potential constituents in an effort to jump start discussions and the eventual selection of an initial focus for the RMP.

The 27 March Steering Committee meeting is scheduled to discuss permit policy and potential cost redistributions, a set of guiding principles for the RMP, and the results of the constituent's prioritization activity. Additionally, the Delta RMP is currently soliciting potential members for the TAC, which will be tasked with formulating the details once an area of focus has been selected. A TAC will be formed within the next 2-3 months.

2. **Delta Mercury Control Program**

The Central Valley Water Board adopted the Delta Mercury Control Program in April 2010. Two major activities in progress during Phase 1 of implementation (2011 – 2020) are (a) studies to develop methylmercury management practices, and (b) development of a mercury exposure reduction program to address human consumers of Delta fish.

3. **Delta Methylmercury Control Studies.**

Though some methods to control methylmercury are known, more information is needed regarding additional methods and their applicability to the Delta's wide range of methylmercury source types. During Phase 1, point and nonpoint source entities responsible for reducing methylmercury discharges must conduct studies to develop and evaluate methylmercury control measures. The Basin Plan gives responsible entities the option of conducting studies individually or in a group effort. Three entities submitted individual study workplans by the due date in July 2012. Group study workplans, which were allowed more time, are due on 20 April 2013. Staff anticipates receiving approximately eight group study workplans, including ones that address methylmercury discharges from municipal wastewater treatment, urban stormwater, managed wetlands, tidal wetlands, and irrigated agriculture. An independent technical advisory committee will review the study workplans and provide comments to staff by mid-summer.

4. **Delta Mercury Exposure Reduction Program.**

While methods are being evaluated to reduce methylmercury and mercury discharges, the Basin Plan requires that a mercury exposure reduction program be developed to protect people who eat Delta fish. All entities that are responsible for reducing methylmercury in the Delta, including State and federal agencies, are required to participate in the mercury exposure reduction program. Responsible entities may choose to work individually or participate in a group effort. Staff has been holding meetings with a group of discharger representatives who have volunteered to help develop the workplan for the collaborative mercury exposure reduction effort. The group has been discussing options for project management and will be working on determining program needs. California Department of Public Health staff is also participating in workplan development. Responsible entities must provide letters of intent regarding their funding and participation requirements by 30 June 2013. All mercury exposure reduction workplans are due in October 2013.

5. **Bay Delta Conservation Plan**

The Bay Delta Conservation Plan (BDCP) is a Habitat Conservation Plan and Natural Community Conservation Plan that must meet the standards of the federal Endangered Species Act and California's Natural Community Conservation Planning Act as it seeks to protect more than 50 species of fish, wildlife, and plants. The BDCP proposes new water intakes in the north Delta, underground tunnels, and habitat restoration to reverse the decline of native fish populations in the Delta and provide more reliable water deliveries.

On 14 and 27 March, the California Natural Resource Agency released the first seven chapters of the preliminary draft Bay Delta Conservation Plan (BDCP). The remaining chapters will be released next month. This is an effort to provide the public an early opportunity for review. The full draft BDCP and an accompanying Draft Environmental Impact Statement/Environmental Impact Report (EIS/EIR) will be released for formal public comment later this year. There are potential water quality effects of the BDCP

including effects from moving the primary water diversion point to the northern Delta and from restoration activities that increase or decrease the bioavailability of some contaminants. These potential water quality effects and their mitigation are being analyzed in the BDCP and the EIS/EIR. Future activities related to construction of the tunnels and habitat restoration will require permits from the State and/or Regional Boards, including construction storm water permits, 401 water quality certifications and change in points of diversion specified in the DWR and Bureau of Reclamation water right permits.

Staff has been engaged in this process and has identified potential water quality impacts, which are now included in the BDCP analysis. Staff will continue to review the water quality related elements of all the BDCP documents as they become available and will submit comments to BDCP through the State Board. Any unaddressed water quality concerns will be brought to the attention of the Regional Board.

More information about the BDCP, the preliminary draft chapters, and upcoming meetings are available at the BDCP website: <http://baydeltaconservationplan.com/>

SITE CLEANUPS

1. **Ripon Farm Service begins pilot scale remediation of nitrate in groundwater.**

A pilot study to treat nitrate in shallow groundwater began with subsurface injections of EHC®-Carbon Only at the site of the former Ripon Farm Service at 928 Frontage Road in Ripon. EHC®-Carbon Only is a carbon compound designed to facilitate microbiological reduction of nitrate to di-nitrogen gas. While no significant change in groundwater concentrations occurred in the first 2 weeks of monitoring, it is anticipated that a longer period of adaptation will be required for the microbial community to become large enough to make an observable difference in the geochemistry. (AST)

2. **Gladding McBean pilot study remediation of VOCs in groundwater.**

A pilot study to treat volatile organic compounds, including TCE and 1,1,1-TCA, in groundwater at the Gladding McBean landfill in Lincoln began May 2012 with subsurface injections of dissolved sugar. The sugar is intended to stimulate microbiological degradation of the VOCs. Monitoring shows a promising reduction in the concentrations of the VOCs along with an increase of breakdown products. A second round of sugar injections is scheduled for the second week in March. (GJD)

3. **Naval Radio Transmitter Facility (NRTF), Dixon Final Record of Decision, Site 2 Landfill, Solano County.** In February 2013, the Record of Decision (ROD) for Installation Restoration Site 2 at NRTF Dixon was finalized by the U.S. Navy and State of California, represented by the Central Valley Water Board and Department of Toxic Substances Control. NRTF Dixon encompasses approximately 1,280 acres in an agricultural area 6.5 miles southeast of the City of Dixon. The installation consists of a 24,000-square foot transmitter building and associated antenna fields. Site 2 is a small (approximately 1-acre) former landfill located along the east boundary of the facility. The selected remedy is excavation and offsite disposal of the landfill contents and associated soil. Approximately 6,300 cubic yards of waste materials are planned for excavation down to a depth of about 9 feet. Once removal is complete, the excavation will be backfilled with clean soil to the existing grade.

4. **Former Riverbank Army Ammunitions Plan, Stanislaus County, Final Explanation of Significant Differences.** In March 2013, the Final Explanation of Differences No. 1 (ESD No. 1) for the former Riverbank Army Ammunitions Plant, Riverbank, was finalized by the U.S. Army and State of California, represented by the Central Valley Water Board and Department of Toxic Substances Control. The installation encompasses approximately 173 acres 10 miles northeast of Modesto. The purpose of the ESD No. 1 is to document the need to modify the remedial approach to groundwater contamination. Overall, the remedy adopted in the 1994 Record of Decision, extraction and treatment of groundwater for chromium present in the hexavalent state and cyanide, has been effective at capturing the groundwater contamination plumes and treating groundwater to below the MCLs. However, in small localized areas, chromium contamination has migrated beyond the capture zone of the existing groundwater treatment system. The Army has demonstrated the necessity to add in-situ treatment technologies to remediate the localized areas.

Furthermore, On July 27, 2011, the Office of Environmental Health Hazard Assessment (OEHHA) established a Public Health Goal (PHG) for hexavalent chromium of 0.02 µg/L. The new PHG was finalized during the review of ESD No. 1. Although the ROD cleanup level cannot be changed until there is a new MCL, we requested that the new PHG for CrVI be acknowledged in ESD No. 1. That acknowledgement has been incorporated.

SALINITY AND CV SALTS

Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)

Technical work on the Initial Conceptual Model and GIS Framework for the Valley-wide Salt Source, Fate and Transport Model continues to make progress by addressing comments received during the 26 November workshop. Several other technical projects are also under way. The Strategic Salt Accumulation Land and Transportation Study (SSALTS) which will evaluate viable salt disposal alternatives was approved by Executive Committee and work on proposed study areas and list of relevant literature are being finalized. A draft memorandum summarizing review of selected literature regarding salinity and protection of the aquatic life beneficial use was presented to the Technical Advisory Committee for discussion and comment. A brief summary of all CV-SALTS technical projects has been posted on the updated CV-SALTS website at: <http://cvsalinity.org/index.php/component/finder/search.html?q=project+description&Itemid=288>

The Executive Committee policy discussions in January focused on alternate compliance demonstrations such as direct protection at point of use. The February meeting was focused on confirming consensus recommendations from the 2012 policy discussions for inclusion in the Salt and Nitrate Management Plan and identifying key policy decisions required (e.g. recommended levels of crop yield protection) to allow the Technical Committee to continue to make progress.

The Lower San Joaquin River (LSJR) Committee is continuing its effort to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. The long-term committee manager position has been filled and interviews are scheduled during mid-March with the consultants who applied to provide technical services for the project. Discussions are continuing with the Department of Water Resources and US Bureau of Reclamation (USBR) regarding specific elements of the project workplan that may be undertaken by the two agencies. Updates by USBR staff on the development of a real time salinity management alternative that utilizes the assimilative capacity of the LSJR to transport salt out of the basin while meeting water quality objectives is now a standing agenda item.

CV-SALTS Meeting Participation

On 11 January, Pam Buford attended a CV-SALTS Executive Committee Administrative meeting. The main topics discussed were finalizing the active participation document, technical project updates, and continuation of policy discussion facilitation.

On 17 January, Jeanne Chilcott attended a meeting of the Lower San Joaquin River Committee. The meeting focused on qualifications needed for a long-term committee manager, updates on the South Delta flow and salinity objective work being conducted by the State Water Board and means of consolidating monitoring information including potential linkage to a real time monitoring portal being developed for the Delta.

On 24 January, Pamela Creedon, Jeanne Chilcott, and Pam Buford attended a CV-SALTS Executive Committee Policy meeting with focused discussion on alternate compliance demonstrations for the Salt and Nitrate Management Plan.

On 25 January, Rob Busby participated in a Project Committee meeting to review the current status of Task 5 Recommended Methodologies to Assess Water, Salt, and Nitrate Balances for the Initial Conceptual Model.

On 8 February, Pam Buford attended a CV-SALTS Executive Committee Administrative meeting. The main topics discussed were approach and selection process for hiring consultant to provide CEQA scoping and economic analysis, contractor selection for the Tulare Lakebed MUN evaluation archetype, and progress report on technical projects.

On 13 February, Pam Buford attended the State Water Board Recycled Water Policy Update meeting. The purpose of the meeting was for all Regions to share current status of Salt and Nutrient Management Plan development within each region.

On 14 February, Jim Brownell attended a meeting of the Lower San Joaquin River Committee. The main focus of the meeting was an update from State Board on Vernalis Salinity Objectives, Review Process on

Long-term Committee Manager and Technical Project Services RFQs, and an update on the Salt and Boron TMDL & Real Time Management.

On 21 February, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, and Pam Buford attended a CV-SALTS Executive Committee Policy meeting with focused discussion on confirming consensus recommendations from 2012 policy discussions for inclusion into the Salt and Nitrate Management Plan.

On 22 February, Jeanne Chilcott attended a meeting of the CV-SALTS Technical Advisory Committee. The main focus of the meeting was review of technical work products from the Aquatic Life Study and the Initial Conceptual Model.

On 5 March, Jeanne Chilcott participated in a webinar with State Water Board staff and their contractor developing a GIS based system to identify beneficial uses and water quality objectives in water bodies throughout California and CV-SALTS consultants working on a somewhat parallel effort as part of their Beneficial Use and Objectives Study. Areas to promote leveraging between the two projects were identified and further technical meeting between consultants scheduled.

On 8 March, Jeanne Chilcott participated in the CV-SALTS Administrative meeting which focused on current project status and potential funding shortfalls. A small subgroup was identified to discuss budget issues and bring recommendations back to the main committee at the April 5th meeting.

United States Bureau of Reclamation Management Agency Agreement (MAA)

Staff met on March 11th with representatives of U.S. Bureau of Reclamation (USBR) to discuss the status of work related to the MAA addressing mitigating salt imports to the San Joaquin River basin. A major focus of the meeting was the development of a Real-Time Management Program (RTMP) framework to maximize salt exports from the Basin while protecting beneficial uses. As the USBR staff continues to develop the framework, they will be utilizing the Lower San Joaquin River Committee for stakeholder feedback. The USBR's February 2013 release of the Technical Memoranda identifying salt sources, fate and transport for the westside of the Lower San Joaquin River Basin will provide part of the technical basis for development of any salinity control effort. USBR staff anticipates bringing a RTMP framework to the Board for review and approval in 2013. Board staff is concurrently working on draft WDRs which would need to be released for review by late 2013 to meet the July 2014 deadline for final WDRs (specified in our Basin Plan as part of the salinity and boron TMDL) should an approved RTMP not be available.

Evaluation of Municipal and Domestic Supply (MUN) Beneficial Use in Sacramento Valley Publicly Owned Treatment Works (POTW) Receiving Water. The project evaluating appropriate application and level of protection of MUN in agriculturally dominated receiving waters of four publicly owned treatment works (POTWs) in the Sacramento Valley is continuing close to schedule with the completion of a stakeholder meeting in January 2013 to discuss the comments received during the CEQA scoping meetings and the process for categorizing different agriculturally dominated water bodies. The next stakeholder meeting is scheduled for March 26, 2013 and will address potential MUN beneficial use and water quality objectives in different water body categories such as constructed agricultural drains and agriculturally dominated water bodies. Water quality monitoring is also continuing as scheduled in the receiving waters of the four POTWs with a full year completed by the end of March 2013 with focused monitoring continuing through September 2013. CV-SALTS completed a laboratory contract in January 2013 with BSK Laboratories to cover the water quality monitoring costs between December 2012 and September 2013.

MUN Meeting Participation

On 16 January, Anne Littlejohn, Gene Davis, Greg Cash, Jay Simi, Jeanne Chilcott, Heidi Bauer, Karl Longley and Katie Bowman participated in a stakeholder meeting in Rancho Cordova.

More information on the project can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/index.shtml

DAIRIES

1. **Compliance Inspections**

Dairy compliance staff is committed to eliminate the backlog of approximately 550 dairies that have not been inspected since the Dairy General Order was adopted in 2007. As of the end of February 2013, staff had conducted approximately 390 inspections, significantly reducing the backlog. The inspections have revealed that most dairies are in substantial compliance with the General Order. Some issues have been found such as imprecise record keeping, excessive weed growth or internal erosion in ponds, and inadequate corral maintenance. Staff is working with dairy operators to correct those deficiencies. A small number of dairies were found to be disposing of mortalities on site and staff is pursuing enforcement of those cases. It is anticipated that the inspection backlog will be eliminated by the end of the fiscal year. After that, dairies will be inspected on a regular three-year rotating schedule (i.e., approximately 430 inspection per year).

2. **Representative Groundwater Monitoring**

Phase 2 wells have been installed and monitoring has commenced. The first annual report, for calendar year 2012, required by the revised Monitoring and Reporting Program, is due 1 April 2013 and will include the analytical results of Phase I groundwater monitoring. The Dairy Representative Monitoring Program is conducting an evaluation to document that the wells for Phases I and II are representative of the range of environmental and hydrogeological conditions throughout the Region, and representative of the range of dairy management practices being utilized throughout the Region. A technical report of the results of that analysis is due by 15 May 2013.

On 5 March 2013, staff held a meeting in Rancho Cordova to inform stakeholders of progress by the Central Valley Dairy Representative Monitoring Program. The next stakeholder meeting will be scheduled for this fall in Fresno.

Approximately 70 dairies have not joined the Central Valley Dairy Representative Monitoring Program. Of these, approximately 45 have existing or proposed individual groundwater monitoring systems. Twelve other dairies have formed their own representative monitoring program – the Mountain View Monitoring Cluster. Remaining dairies that have not joined a representative monitoring coalition or submitted a Monitoring Well Installation and Sampling Plan are in violation of the Dairy General Order and staff is evaluating enforcement actions.

GENERAL

1. **Kern County Oilfield Closures**

Aera Energy LLC, Chevron USA Inc., and ExxonMobil Production Co. operated seven oilfield produced wastewater disposal leases in western Kern County, approximately 45 miles northwest of the City of Bakersfield, since the 1950's. Discharge has ceased and they submitted closure construction certification reports for the seven lease sites in the Lost Hills, the North Belridge, and South Belridge oil fields. Produced wastewater at all leases is now treated and injected into Class II injection wells permitted by the California Division of Oil, Gas, and Geothermal Resources. Tentative Post-Closure Maintenance and Corrective Action WDRs have been prepared for the Chevron, ExxonMobil and one North Belridge Aera site for consideration at an upcoming Board meeting. Draft WDRs for the remaining four Aera sites are in progress.

GROUNDWATER QUALITY PROTECTION

Groundwater Quality Protection Strategy for the Central Valley Regional, a Roadmap – Workplan June 2011-June 2013 (Update). The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap (Roadmap) was developed through active stakeholder outreach and approved by the Central Valley Water Board (September 2010 Resolution R5-2010-0095.) The workplan for implementation of high priority actions was approved at the Board's regular June 2011 meeting. The following is a brief status report on the implementation of tasks for each of the actions identified in the Workplan.

Action 6.4. Develop a Salt and Nitrate Management Plan for the Central Valley. The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012, that identifies submittal of a draft plan in May 2014 and a final plan in May 2016. Over the last six months CV-SALTS has provided an update to the Central Valley Water Board (June 2012) and an Annual Report to the State Water Board (4 December 2012). More details on CV-SALTS activities can be found in the Salinity and CV-SALTS section of this EO report. Information is also available at: <http://cvsalinity.org/>

Action 6.4.2 Implement consistent and scientifically sound groundwater quality monitoring program. The Groundwater Monitoring Advisory Workgroup (GMAW) is composed of groundwater experts, which includes representatives from State and Regional Water Boards, USGS, academia, and private consultants. The GMAW has identified several technical issues related to groundwater monitoring. The workplan set a schedule for the development of white papers for each of the technical issues, including establishing and applying site-specific background concentrations, Conceptual Model, GW Monitoring Well Network Design, Additional GW Monitoring Techniques, Methods, and Tools. Following executive management approval the white papers will be provided to staff as a reference tool for developing permits to be used as appropriate on a case by case basis. To date the GMAW has developed the draft white paper, titled Establishing and Applying Site –Specific Background Concentrations. GMAW meeting information can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

Action 6.4.4 Broaden Public Participation through Enhanced Communication, Education, and Outreach. The goal is to ensure all interested parties have an opportunity to participate in the Central Valley Water Board decision making processes as it relates to groundwater. Meeting facilitation training was provided to 26 staff in February 2012. The contracting fund tasks such as remote board meeting capabilities and website upgrades were dependent on State Board contract funds due to the State's current financial situation no funding will be available for these tasks. Staff continues to work with State Board to identify potential funding sources. Efforts to increase participation with Board business by holding Board hearing panels, remote workshops, and remote board meetings has continued with several held in Kettleman City, Fresno, Tulare, Buttonwillow, and Bakersfield.

Action 6.4.6 Develop a Groundwater Quality Database that facilitates the compilation and assessment of data and allows for integration with information from our different Programs. To avoid duplication and leverage work that has already been started, a staff workgroup was formed to identify data management needs, and has reviewed the capabilities of the various statewide databases, and other Regional Board data management efforts. The workgroup is focusing on the needs assessment and coordinating efforts with the State Water Board's Office of Information Management and Analysis (OIMA) and the Groundwater Management Advisory Workgroup.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement an irrigated lands program that establishes a groundwater protection program for wastes associated with agricultural practices. The Central Valley Water Board is in the process of developing and adopting General Waste Discharge Requirements for discharges of wastewater from irrigated lands in the Central Valley. Development of seven Orders that allow growers to be represented by third-party groups are planned, with six Orders covering specific watershed areas, one Order covering a specific commodity (rice), and one Order for those growers that are not part of a third-party group. More detail on Long-Term ILRP developing orders can be found under the Irrigated Lands Regulatory Program section of this EO Report. More information on the Long-Term ILRP can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml

Action 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. Work over the last year has included participation by Staff in the development of the State Water Board Policy as part of a Policy Writing Team. On 19 June 2012, the State Water Board adopted a Policy for regulation of Onsite Wastewater Treatment Systems (OWTS Policy). The OWTS Policy will require each Regional Board to update its Basin Plan to be in compliance with the OWTS Policy or adopt policy/guidelines that are as restrictive as the State Water Board policy; and to review and approve all of the local area management plans concerning OWTS in its respective Region. This work will be included in the next Groundwater Water Quality Protection Strategy Workplan 2013-2015. The State Water Board OWTS Policy is effective 13 May 2013 and can be found at: http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Several tools are being developed to improve WDR process including a checklist for dischargers on the information needs for antidegradation analysis which helps to reduce the amount of additional information requests. For staff, standard templates similar in formatting to NPDES permits are being developed for use on a case by case basis to provide WDR consistency.

The State Water Board has a WDR unit to assist Regional Boards in reducing WDR backlogs. This unit has been working on the development of a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd. If this General Order is adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. The draft General Order is currently in management review prior to presentation for adoption by the State Water Board later this year.

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap and the Workplan can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml Development of a second phase workplan has begun. This workplan will include the medium priority actions as well as any work that has not been completed by the end of the current workplan in June 2013.

GRANTS

1. **Proposition 84, Department of Water Resources, Integrated Regional Water Management (IRWM) Implementation Grants.** IRWM Grant Program administered by the Department of Water Resources (DWR) is designed to encourage integrated regional strategies for management of water resources and to provide funding for programs and projects that support integrated water management planning and implementation. The solicitation period for implementation projects closed 29 March 2013. For this solicitation DWR will use a one-step application process to evaluate IRWM Implementation Grant applications. The solicitation for applications closed on 29 March 2013. Allocations are made by funding area with maximum allocations of \$10,626,000 for Sacramento River, \$8,296,000 for San Joaquin River, and \$8,734,000 for the Tulare/Kern. Central Valley Water Board staff will be participating in the technical reviews with DWR.
2. **Proposition 1E Stormwater Flood Management Grant, Department of Water Resources**
DWR's IRWM Grant Program is designed to encourage integrated regional management of water resources, including flood management, and provide funding for projects that support integrated water management planning and implementation. Stormwater Flood Management Grants are designed for projects that manage stormwater runoff to reduce flooding and are ready, or nearly ready, to proceed to implementation. Projects must be consistent with applicable Basin Plans, not be part of the State Plan of Flood Control and yield multiple benefits. Seven applications were received within Region 5, four within the Sacramento River Basin, one in the San Joaquin River Basin and two within the Tulare Lake Basin. Central Valley Water Board staff is assisting DWR with the technical reviews.

LONG-TERM IRRIGATED LANDS REGULATORY PROGRAM

Meetings and Outreach

On 3 January, the ILRP Stakeholder Advisory Workgroup met in Rancho Cordova. At this meeting board counsel provided information on the new ex parte rules for general orders. The East San Joaquin Water Quality Coalition provided an update on the implementation of the Eastern San Joaquin River Watershed WDRs. Also, staff reported on the development of ILRP WDRs and provided a presentation on the draft WDRs for individual growers.

On 10 January, Joe Karkoski, Clay Rodgers, and Adam Laputz met with environmental justice representatives regarding the implementation of East San Joaquin River Watershed WDRs and the development of ILRP WDRs. The group specifically discussed environmental justice concerns over providing public review and comment on reports developed under the WDRs.

On 27 February, the ILRP Stakeholder Advisory Workgroup met in Fresno. At this meeting the East San Joaquin River Water Quality Coalition discussed a draft template for nitrogen management plan summary reports. Also, staff provided an update on development of the tentative WDRs for individual growers.

On 7 March, Doug Patteson gave a presentation at the California Citrus Showcase sponsored by California Citrus Mutual. Doug presented an overview of the upcoming Tulare Lake Basin Area General Order WDR and responded to questions asked by the audience.

General Waste Discharge Requirements (WDRs) Development

Individual Growers WDRs

Staff will circulate tentative WDRs for individual growers (those not part of a third-party group) this March for a thirty day comment period. The WDRs will be considered for adoption at the 30/31 May Central Valley Water Board meeting.

Tulare Lake Basin WDRs

On 20 February, Pamela Creedon, Clay Rodgers, Ken Landau, and Joe Karkoski met with representatives of Paramount Farming and the Kern River Watershed Coalition Authority to discuss their concerns with the Tulare Lake Basin WDRs. On 22 February, staff met with the Southern San Joaquin Valley Water Quality Coalition to discuss development of the Long Term Irrigated Lands Regulatory Program. Topics of discussion included implementation cost analysis and time schedules for compliance. The tentative WDRs were posted on the board's web site noticed for a thirty day comment period on 15 March.

Sacramento River Watershed WDRs

On 28 January Adam Laputz, Susan Fregien and Mark Cady met with representatives of the Sacramento Valley Water Quality Coalition (SVWQC) to discuss the development of the Sacramento River Watershed WDRs.

On 15 February, Water Board staff sent a working draft of WDRs to the SVWQC for their review and comment in preparation for a meeting between staff and SVWQC representatives on 4 April.

Sacramento Valley Rice WDRs

On 19 February, Water Board staff met with representatives of the California Rice Commission (CRC) to discuss the Groundwater Assessment Report submitted by the CRC, and to review changes in the draft WDR based on the East San Joaquin Order. Copies of the proposed WDRs and surface water monitoring program were sent to the CRC representatives for comment prior to the next meeting on 18 March.

Eastern San Joaquin River Watershed WDRs

The Executive Officer issued the Notice of Applicability (NOA) to the East San Joaquin Water Quality Coalition on 11 January, approving the 14 December application to serve as the third party. The NOA identifies the due dates for a number of work products, including templates for the nitrogen management plan; nitrogen management plan summary report; sediment and erosion control plan; and farm evaluation. The templates, along with the outline for the Groundwater Quality Assessment report are due 11 April 2013.

Delta WDRs

On 24 January, staff met with the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) to discuss the development of WDRs. On 6 March, staff and the coalition held the second meeting to discuss language in the Draft WDR Order. The Coalition provided WDR comments during the 6 March meeting based on the East San Joaquin Order. The Coalition focused comments on the Groundwater Assessment Report sections, including revised language to be considered. The meeting participants developed a task list to address the comments, which are to be discussed at the next meeting scheduled for 11 April.

Western San Joaquin River Watershed WDRs

On 28 February, staff met with representatives of the Westside San Joaquin River Watershed Coalition (Westside Coalition) to discuss steps for developing the Waste Discharge Requirements for growers within the Western San Joaquin River Watershed. The Westside Coalition will prepare comments and proposed changes based on the adopted Waste Discharge Requirements for the growers within the Eastern San Joaquin River Watershed. The next meeting is scheduled for 27 March.

Grassland Bypass Project WDRs

On 28 February, Joe Karkoski met with representatives from the San Luis & Delta-Mendota Water Authority to discuss the Grassland Bypass Project WDRs. The discussions focused on how to address discharge to groundwater, in addition to the current requirements that focus on surface water discharges through the Grassland Bypass.

Litigation and Petition

The Sacramento County Superior Court hearing on the Program Environmental Impact Report and the short-term renewal of the conditional waiver is scheduled for 29 March 2013 (Case No. 34-2012-80001186-CU-WM-GDS). The documents associated with the case can be found at:

<https://services.saccourt.ca.gov/publicdms/Search.aspx> (enter the case number).

Three separate petitions were filed with the State Water Resources Control Board regarding the board's adoption of the "Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed that are Members of the Third-Party Group" (Resolution No. R5-2012-0116). Those petitions are identified as A-2239(a); A-2239(b); A-2239(c) and can be found at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality/petitions.shtml .

Enforcement

California Water Code section 13260 & 13267 Orders, & Notices of Violation

In January, staff mailed 51 CWC §13267 Orders to landowners in the San Joaquin County and Delta Water Quality Coalition area. These Orders were issued to landowners who first received an outreach postcard and subsequently did not respond.

Also in January, staff mailed 23 CWC §13260 to landowners who participated in the San Joaquin County and Delta Water Quality Coalition in 2011, but did not show up on the 2012 membership list. Staff coordinated with the coalition to ensure that these landowners were not enrolled in the coalition prior to the mailing.

In March, staff mailed an additional 16 CWC §13260 Orders to landowners who participated in the San Joaquin County and Delta Water Quality Coalition in 2011, but did not show up on the 2012 membership list.

Also in March, Staff mailed 12 Notice of Violations to the landowners who failed to respond to the January 13267 Orders mentioned above.

Compliance & Outreach – Letter to East San Joaquin Watershed Growers

In January, ILRP staff used Geographic Information Systems and county tax assessor's parcel information to prepare a list of landowners with parcels that likely require coverage under the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed (General Order). And in January and February, a total of 4,937 landowners with a total of 284,013 acres of land were mailed an outreach letter informing them of new ILRP requirements under the General Order, and how they could join the East San Joaquin Water Quality Coalition or get more information. Twenty-two percent (22%) of landowners have responded to the initial letter. About 8% of landowners sent letters have enrolled their parcels in the coalition (a total of over 20,000 acres). Some landowners responding have indicated they plan to enroll. Other responses include – the land is already under a water board permit (e.g., dairy general

order); the property does not have irrigated agriculture; the land is not used to produce a crop for commercial sale; or the property is no longer owned by the person who received the letter.

Follow up outreach to these landowners who did not respond is ongoing (approximately 9% of letters mailed were returned).

Coalition Groups

California Rice Commission

On 22 February, the Executive Officer approved the management practices recommended by CRC for the 2013 Rice Pesticides Program. Implemented management practices for the 2012 season ensured the performance goal and water quality objective stated in the Basin Plan were met. Therefore, 2013 management practices will be the same.

On 31 December, staff received the CRC Annual Monitoring Report (AMR) and electronic data deliverable for 2012. The review of the AMR is underway.

East San Joaquin Water Quality Coalition

On 4 January, the Executive Officer approved the East San Joaquin Water Quality Coalition (Coalition) request to remove Peaslee Creek at Lake Road from the Coalition's monitoring program due to lack of access and low flows. Monitoring will continue at the Mustang Creek at East Avenue sampling site which is in the same Coalition zone as the Peaslee Creek.

On 8 January, staff held the 17th quarterly meeting with the East San Joaquin Water Quality Coalition to discuss progress of implementing the Coalition's Management Plan, performance goals, and monitoring results.

On 10 January, the Executive Officer sent a letter to the East San Joaquin Water Quality Coalition and Westside San Joaquin River Watershed Coalition outlining changes in the chlorpyrifos/diazinon TMDL monitoring schedule. The TMDL monitoring at compliance points in the San Joaquin River is required during periods of highest diazinon and chlorpyrifos use in the watershed, and in months when the greatest number of exceedances were observed in the past: once during the winter storm season, and monthly from May to September.

On 15 January, the Executive Officer approved the East San Joaquin Water Quality Coalition request to update sample hold temperature for water and sediments, hold time for sediment samples, and the analytical method for analyzing triazine herbicides in water.

On 25 January and 15 February, staff received the East San Joaquin Water Quality Coalition's revised Monitoring and Reporting Program (MRP) MRP Plan and Quality Assurance Program plan (QAPP), respectively. The updated MRP Plan and QAPP consolidate the approved amendments since the October 2010 update, revise some laboratory analytical methods, and correct minor and typographical errors.

On 1 March, staff received the East San Joaquin Water Quality Coalition Annual Monitoring Report (AMR) for the period from January through December 2012, and the Quarterly Monitoring Data Report. The review of the AMR is underway.

On 5 March, the East San Joaquin Water Quality Coalition (Coalition) requested to remove Burnett Lateral at 28 Mile Road from its monitoring program because the site is outside of the Coalition boundary adopted in the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed. The Executive officer approved the request on 8 March, and monitoring scheduled Burnett Lateral will occur at the next scheduled site, Mootz Drain at Langworth Road.

On 12 March, staff held the 18th quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals and status of other activities in progress.

Sacramento Valley Water Quality Coalition (SVWQC)

On 14 March, Ben Letton spoke at the Northeastern California Water Association (NECWA) annual meeting in Bieber, CA. The talk focused on planned enforcement/outreach activities in the Upper Pit River watershed and the Sac Valley WDR.

On 5 February, Scott Perrou and Mark Cady attended a meeting of Colusa Glenn subwatershed growers to support outreach for the Management Plans on Walker Creek.

On 13 January, the Water Board received a request from the Coalition to determine that the pH Management Plan on Pope Creek has been completed. This request was approved with a letter from the Executive Officer on 23 January.

The Coalition has requested that the following Management Plans be deemed complete: selenium in Willow Slough, received 13 February; *Selenastrum* toxicity in Butte Slough, received on 13 March; and chlorpyrifos and *Ceriodaphnia* toxicity in Walker Creek, received 13 March. These requests are currently under review.

San Joaquin County and Delta Water Quality Coalition

On 8 January, staff held a quarterly meeting with the San Joaquin County and Delta Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals, and TMDL monitoring.

On 15 January, the Executive Officer approved the San Joaquin County and Delta Water Quality Coalition 26 November request to amend the MRPP and QAPP. The request proposed to modify preservation temperature for water and sediment samples, sample holding time for sediment chemistry and total organic carbon analysis, and to update the analytical method for triazines.

On 1 March, staff received the San Joaquin County and Delta Water Quality Coalition Annual Monitoring Report. Staff is reviewing and preparing comments.

On 12 March, staff held the 18th quarterly meeting with the San Joaquin County and Delta Water Quality Coalition to discuss progress of implementing the Coalition's Management Plan and the upcoming TMDL Basin Plan amendment. The Basin Plan amendment is scheduled to go before the Board in May.

On 15 March, the San Joaquin County and Delta Water Quality Coalition requested that the Executive Officer consider 27 management plans to be complete (i.e., there is no longer evidence of a water quality problem for a particular water body/parameter combination or there is not an irrigated agricultural source). The Executive Officer approved the request to consider 20 of the 27 management plans complete. Staff will provide the Coalition with additional information regarding the other seven management plans.

Westside Coalition

On 20 February, staff held the Westside San Joaquin River Watershed Coalition quarterly meeting to discuss 2012 subwatershed review and Coalition outreach status.

On 21 February, staff sent a letter to the Westside San Joaquin River Watershed Coalition indicating their November 2012 Semi Annual Monitoring Report (SAMR) was complete.

On 5 March, staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. Staff discussed the outcome of the 20 February Coalition quarterly meeting, WDR time schedule, and follow up Management Plan activities for Ingram and Hospital Cr.

Other Projects

Data Management

Data reports received through 1 March 2013 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). Additionally, Staff has begun the limited processing of prioritized data sets submitted prior to 2009. These sets have been classified as historical sets and will be loaded to the database and transferred to CEDEN as resources permit.

Data from 2009 through 2011 for all Coalitions are available to the public on CEDEN. The most recent transfer occurred 15 February 2013 and added data through late 2012 for some coalitions. New data will continue to be transferred to CEDEN on a quarterly basis. The next transfer is planned for June. Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage.

Prop 84 Grant Funding

Twenty-nine projects have been funded to date. Thirty-four additional projects have been approved for funding. Some farmers awarded funding withdrew their application. CURES will be working with subwatershed groups to inform growers that additional funding may be available. All projects should be completed by December 2014.

A contract has been executed for development of a soil erosion model that will estimate the change in sediment loading when farmers switch from furrow to micro-irrigation systems. Field measurements will be included to validate the model accuracy. The model is expected to be completed in December 2013.

The CURES website at <http://www.curesworks.org/bmp/projects84.asp> has additional information on the Prop 84 funding and photos of completed projects.

STAFF RECOGNITION

EMPLOYEE RECOGNITION AWARD

January 2013

Candidate: Dania Jimmerson
Unit: Delta – San Joaquin NPDES Permitting Unit
Title: Water Resources Control Engineer
Supervisor: Jim Marshall

Dania is being recognized for her outstanding work performance in the NPDES permitting section. Dania is very organized, produces high quality work, and has the ability to maintain a high workload. In the past 6 months Dania has completed two complex permit renewals, while also completing a permit amendment and two time schedule orders.

Dania has also shown the initiative to improve our program. She assisted in the development of our Reasonable Potential Analysis spreadsheet that has improved our data analyses. In addition, with her amazing organizational skills, Dania developed an e-filing system that is used to organize the administrative record during the permit renewal process that allows quick and easy retrieval of documents and results in hours of saved time when permits are petitioned.

For this and much more, Dania is receiving the employee recognition award

Candidate: Trey Sherrell
Unit: Timber Harvest
Title: Environmental Scientist
Supervisor: Angela Wilson

Trey has been with the CVRB since May of 2012 and in a short time has proven his determination and dedication to protecting our waters from timber harvest related impacts. He takes on new tasks willingly and is dedicated to learning everything he can to excel in his role in the Redding office.

Trey has shown dedication, desire and purpose in preparing himself to be an independent inspector within the timber harvest program over the last half-year. He shows a willingness to work cooperatively with dischargers and sister agencies and is being accepted by both quickly. He has a pleasant demeanor and consistently positive attitude that make him an asset to our organization.

Candidate: Mike Smith
Unit: UST Enforcement
Title: Environmental Scientist
Supervisor: Joe Mello

Mike has fully embraced the State Board's Low Threat Closure Policy for USTs, with more than 20% of his cases either closed or pending closure (awaiting monitoring well destruction) during the first half of FY 2012-13. Mike continues to manage his other sites with no backlogged cases.

During the first half of fiscal year 2012-13, Mike had either closed or was waiting for well abandonment to issue closure letters for 22.5% of his caseload. He was able to achieve this remarkable goal by having the responsible parties submit case closure requests in accordance with the new Water Quality Control Policy for Low-Threat Underground Storage Tank Case Closure (SWRCB Resolution 2012-0016) that became effective on August 17, 2012.

Mike does an excellent job keeping his cases progressing by utilizing his project management skills and by reviving those that have slowed. His project closure rate consistently exceeds annual commitments and statewide averages.

Several RPs and their consultants have remarked about Mike's ability to recognize their problems associated with cleanups and his desire to help them through the regulatory system. He takes the personal approach with the regulated community, providing a high level of customer service and working closely with responsible parties to achieve effective and efficient groundwater cleanups.

February 2013

Candidate: Khalid Durrani
Unit: Dairy Compliance
Title: Engineering Geologist
Supervisor: Dale Essary

Khalid's professional demeanor, excellent work habits, and sustained performance are a great contribution to this organization's efforts.

During the past month Khalid drafted eight compliance inspection reports conducted on eight dairies covered under the Dairy General Order. In addition, Khalid completed three dairy closure inspection reports and the corresponding cover letters for rescinding coverage under the Dairy General Order for Executive Officer signature. Khalid closely monitored the closure process at the dairies prior to recommending rescission of coverage under the General Order for each facility. Khalid also processed three dairy owner/operator transfer requests and drafted the corresponding cover letters. In addition to these functions, Khalid assists in the drafting of formal enforcement actions, maintaining and updating CIWQS records, and resolving annual invoice disputes. Khalid takes a pro-active approach to his assignment as the compliance inspector and case handler for dairies in Fresno and Madera Counties. Khalid has met with County health officials for the purposes of coordinating regulatory efforts. Khalid consistently maintains a professional demeanor when coordinating with dischargers and other stakeholders. Khalid has also demonstrated a sustained effort as a public servant in a fair and consistent manner, particularly during complaint investigations. In addition, Khalid's excellent work habits are an example to other staff. I highly recommend Khalid for employee of the month for his accomplishments.

Candidate: John Daniels
Unit: Information Technology
Title: Staff Information Systems Analyst (Specialist)
Supervisor: Bob Chow

John has been assisting the State and regional Boards with file migration and Windows 7 deployment.

The Water Boards are going through a monumental change in its information technology landscape. We're migrating from Novell to Microsoft network file system while upgrading staff workstations from Windows XP to Windows 7. The State Board's IT staff are overwhelmed with projects that they have not had the time to research best practices to deploy these projects statewide.

John has been instrumental in completing the Central Valley Region's migration to Microsoft file system and Windows 7 operation system. We have put in place examples that both the State Board and other regional boards are following for their own migrations.

John has received kudos and acknowledgement from his Central Valley Region staff, fellow regional board network administrators, the State Board's chief information officer and her staff. His great work ethic and pride in providing excellent customer service are the reasons he is being nominated.

Candidate: Jennifer Haynes
Unit: Confined Animal Facilities Regulatory Unit
Title: Environmental Scientist
Supervisor: Charlene Herbst

Jenn is a very effective inspector and a clear and concise writer. She is a fast learner who is organized, careful, and willingly tackles additional tasks.

Jenn joined the Confined Animal Facility Unit in January 2012, and has rapidly learned our complicated regulatory requirements and inspection/investigation procedures. She works very effectively with dairy operators to help them understand violations at their facilities and the changes necessary for them to be compliant with the Dairy General Order. The Confined Animal Facilities Unit is very fortunate to have Jenn.

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

Stephen is being nominated as an outstanding employee for all of his work in developing mercury TMDLs. Most recently, he has been tasked with developing the scientific and technical basis for a TMDL to address all of the mercury-impaired reservoirs in the state.

Stephen is being nominated as an outstanding employee for all of his work in developing mercury TMDLs. Most recently, he has been tasked with developing the scientific and technical basis for a TMDL to address all of the mercury-impaired reservoirs in the state. Currently, the project has over 70 reservoirs, and the number of reservoirs is expected to double during the next 303d listing cycle.

Stephen is on the technical report development team and has been working with staff from the mercury TMDL Unit and other regional boards. Stephen has been working on the scientific linkage between numerous chemical, environmental, and physical factors in the reservoirs and methylmercury concentrations in fish tissue. This work has involved applying sophisticated statistical analysis on over 30 variables, and reducing this to a handful of the most significant factors that affect fish mercury concentrations. The results of this analysis will determine the types of implementation activities that are necessary to ultimately reduce fish mercury levels in our reservoirs. Stephen has presented his work at science conferences and will eventually present the work to external scientific peer reviewers.

Candidate: Debra Hallis
Unit: Timber Harvest
Title: Engineering Geologist
Supervisor: Angela Wilson

Debra has provided thorough and consistent support to the program manager throughout the last year working on an important interagency pilot project. Her efforts have ensured consistent and thorough internal review of the issues facing the project and will help to create a final product that provides the legislature with the information necessary for reasoned decision making.

Debra has shown dedication, desire and purpose in acting as back up for the program manager during interagency oversight and meetings related to the Redding Timber Harvest Plan pilot project. She consistently shows a willingness to work cooperatively with sister agencies and is developing a reputation as a detail-oriented and dedicated representative of the regional board. Her upbeat outlook and positive attitude makes her an asset to our organization.

PUBLIC OUTREACH

On 8 January Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document *Integrated DNAPL Site Strategy* (November 2011). This is the fourth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 200 people world-wide attended this training.

On 8 January, Christine Joab attended a webinar hosted by the East Contra Costa County (ECCC) Regional Water Management Group (RWMG). The webinar focused on the review of the Agency Draft Integrated Regional Water Management Plan. Christine reviewed the document and submitted comments to the consultants. Adoption of the plan by the ECCC RWMG Governing Board is anticipated for May 2013.

On 8 January, Tessa Fojut, Danny McClure, and Melissa Dekar met with representatives from the California Department of Public Health, Mosquito and Vector Control Association of California, and the State Water Resources Control Board to discuss total maximum daily loads and water quality objectives under development for pyrethroid pesticides.

On 9 January, Ben Letton attended a Hat Creek Resource Advisory Committee (RAC) meeting in Redding, CA. The group meets periodically to discuss restoration strategies for Hat Creek. Water Board staff has been a regular participant in this group for the past two years

On 10 January, Joe Karkoski attended the first meeting of the Ag Innovations Technical Advisory Committee. The Ag Innovations Network has started an effort, referred to as the Regulatory Compact project "... to seek solutions that simultaneously reduce the challenges associated with regulatory compliance and improve environmental performance." Stakeholders representing environmental, agricultural, and regulatory interests were at the meeting and provided feedback on some of the primary issues identified.

On 13 January, Greg Cash attended the Annual Awards Banquet for the Northern Sacramento Valley Section of the California Water Environmental Association. During the awards presentation, the Sewerage Commission-Oroville Region received the Secondary Treatment Plant of the Year, and the City of Redding-Clear Creek WWTP received the Tertiary Treatment Plant of the Year for the Northern Sacramento Valley Section.

On 14 January, Pamela Creedon, Ken Landau, Clay Rodgers, and Joe Karkoski (along with two State Board members and State Board management) attended a tour sponsored by the San Joaquin River Exchange Contractors Water Authority. The tour included sites associated with the San Joaquin River Restoration; ground water issues; and water quality.

On 15 January, Guy Chetelat and Drew Coe attended the Battle Creek Watershed Working Group meeting near Red Bluff regarding watershed restoration issues including impacts from the 2012 Ponderosa Fire and long term habitat and water quality monitoring.

On 15 January Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. Revisions to the draft Staff Report were discussed. The Workgroup also had preliminary discussions regarding a special study to assess potential sources and ambient levels of *Cryptosporidium* in surface waters of the Delta and its tributaries.

On 15 January, Patrick Morris and Janis Cooke hosted a meeting of the Delta Mercury Exposure Reduction Program (MERP) Work Group. The MERP work group is comprised of volunteers representing entities tasked with participating and funding the MERP. The MERP work group began development of an exposure reduction work plan that is due in October 2013.

On 16 January, Alex MacDonald presented an update on the investigation and remediation efforts by Aerojet and the Boeing Company at the bimonthly meeting of the Aerojet Community Advisory Group. The update highlighted the implementation of remedial actions in the Perimeter Groundwater Operable Unit and Western Groundwater Operable Unit, and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site. (AMM)

On 16 January, Sue McConnell, Danny McClure and Martice Vasquez met with members of the Pyrethroid Working Group (PWG) to discuss ongoing PWG research on pyrethroid pesticides, development of pesticide TMDLs and water quality objectives, and the assessment of pyrethroid water quality data for the Integrated Report/Clean Water Act section 303(d) list update.

On 18 January, Christine Joab attended a work group meeting hosted by the American River Basin (ARB) Integrated Regional Water Management (IRWM) Group. The meeting focused on developing strategies that could be used to meet their environmental resources objectives. Strategies developed will be included in their adopted IRWM Plan. Adoption of the plan by the ARB Governing Board is anticipated for July 2013.

On 23 January, Christine Joab and Martice Vasquez met with Carol Atkins of the Department of Fish and Wildlife and Dr. Will Stringfellow of the University of the Pacific to discuss the status of the studies being conducted under the San Joaquin River Dissolved Oxygen TMDL.

On 24 January, Christine Joab attended the 2013 Inland Harmful Algal Blooms (HABs) Discussion Group webinar hosted by the US EPA. The purpose of the webinar was for states to share information and provide updates on developing guidelines for cyanobacteria and associated HAB toxins.

On 24 and 25 January, Ben Letton attended the annual California Rangeland and Science Symposium in Davis, CA. The symposium was attended by private ranchers, non-profits, environmental groups, land management agencies, academics, and regulatory agencies.

On 27 January, Christine Joab and Martice Vasquez attended the WARMF User Group meeting to discuss modeling runs completed as part of the San Joaquin River Dissolved Oxygen TMDL estuarine studies.

On 31 January, Diane Beaulaurier attended a meeting of the Delta Methylmercury TMDL Nonpoint Source Workgroup. This workgroup is made up of wetland managers and representatives of irrigated agriculture. The workgroup is developing a control study work plan and seeking funding to conduct the control studies to comply with the requirements of the TMDL.

On 7 February, Sue McConnell and Holly Grover conducted a Clear Lake Nutrient TMDL Stakeholder meeting in Lakeport, Lake County. Responsible parties named in the TMDL as well as concerned stakeholders, totaling about 40 people, attended the meeting. A brief presentation was made by Water Board staff regarding implementation that has occurred since TMDL adoption. A question and answer session followed with discussion centering on moving forward for the next 5 years. A common concern voiced by several stakeholders was how to determine current phosphorus loads to Clear Lake to determine compliance.

On 12 February, Guy Chetelat attended the McCloud River Coordinated Resource Management meeting in Redding covering a wide range of issues including raising Shasta Dam, potential water quality impacts from 2012 fires, and Integrated Regional Water Management Planning.

On 14 February, Christine Joab attended a webinar hosted by SWAMP on Monitoring for Chemicals of Emerging Concern in California's Aquatic Ecosystems.

On 19 February, Janis Cooke joined staff from the California Department of Public Health in separate meetings with the Chairperson of the California Valley Miwok Tribe and with leaders of the Lao Khmu Association, both in Stockton. The purpose of the meetings was to gather information about the groups' knowledge and interest in participating in mercury exposure reduction activities.

On 21 February Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of five 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 seventh of nine training sessions on the document which is provided free of charge to regulators, consultants, academia and other interested persons world-wide. Approximately 177 people attended this training. (AMM)

On 25 February, Christine Joab attended the State and Regional Technical Advisory Group (STRTAG) meeting to discuss State Board's effort on developing the Inland Freshwater Nutrient Numeric Endpoints (NNE).

On 26 February, Elizabeth Lee spoke at the California Water Environment Association's 2013 Pretreatment, Pollution Prevention, and Storm Water Conference. The presentation focused on the proactive approaches proposed by the City of Modesto and the City of Stockton/San Joaquin County as the driver for their future storm water programs and included an update on the Municipal Storm Water Program for the Central Valley.

On 26 February, Janis Cooke and Patrick Morris met with the Delta Mercury Exposure Reduction Program workgroup, a volunteer group of discharger representatives involved with Delta TMDL implementation. The workgroup discussed the process for selecting a program administrator and reviewed a draft template letter for dischargers that intend to participate in funding and implementing a collaborative work plan.

On 26 February, Patrick Morris, Michelle Wood, Janis Cooke, and Stephen Louie participated in a meeting of the Delta Tributaries Mercury Council. The purpose of the meeting was to share information about current activities and research. Topics included a study of pollutants in stormwater in the San Francisco Bay region and a USGS-led effort to synthesize mercury research in the Western United States.

On 26 February, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. The Workgroup continued discussion of a special study to assess ambient levels and potential sources of *Cryptosporidium*. The format and content of the April Board hearing was also discussed. The meeting also included a briefing of Board member Mr. Jon Costantino regarding the history of the project and elements of the Drinking Water Policy.

On 4 March, Sue McConnell and Jay Simi attended a meeting to Association of California Water Agencies – Safe Drinking Water and Clean Water subcommittees to brief participants about the elements of the proposed Drinking Water Policy and timeline associated with the adoption process.

On 5 March, Meghan Sullivan participated in a planning meeting for a future Water Quality Monitoring Outreach event coordinated by The Delta Conservancy. This event has yet to be scheduled, but is tentatively planned for early May and would combine a panel discussion with information tables by the various agencies and organizations that monitor in the Delta. The event is targeted at the public living in the Delta community.

On 8 March, Chris Foe and Christine Joab attended a Stakeholder Advisory Group meeting at the office of the San Francisco Bay Regional Water Quality Control Board. The meeting focused on the results of various Suisun Bay studies conducted as part of the San Francisco Bay Nutrient Project.

On 12 March, Chris Foe and Christine Joab attended a meeting hosted by the San Francisco Estuary Institute on Pat Glibert's work that focused on the effects of nutrient quantity and quality on phytoplankton in the Bay-Delta.

On 12 March, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. The Workgroup continued discussion of the April Board hearing and a special study to assess ambient levels and potential sources of *Cryptosporidium*. The meeting also included a briefing of Board Chair Dr. Karl Longley and Vice-Chair Ms. Jennifer Lester Moffitt regarding the history of the project and elements of the Drinking Water Policy.

On 12 March, Janis Cooke and staff of the California Department of Public Health met with leaders of Lao Family Community Empowerment. The purpose of the meetings was to gather information about the groups' knowledge and interest in participating in mercury exposure reduction activities.

On 13 March, Christine Joab attended a Planning Committee meeting for the American River Basin Integrated Regional Water Management (IRWM) Group. The meeting focused on the update of their IRWM Plan, and stakeholders were tasked to review the group's objectives and the strategies to achieve those objectives. The draft plan is scheduled to be completed by May and adopted by their Governance Board in July.

On 13 March, Tessa Fojut and Danny McClure attended a meeting of the Western Plant Health Association's Water Quality Committee. Tessa Fojut gave a presentation to the group on total maximum daily loads, water quality objectives, and sediment criteria under development for pyrethroid pesticides.

On 18 March, Drew Coe's presentation titled "Hydrologic and Water Quality Impacts of Rural Roads" is being packaged as part of a DVD series on Rural Roads by the UC Extension Program.

PERSONNEL AND ADMINISTRATION

January 1, 2013 – February 28, 2013

<u>Total Positions</u>	<u>Permanent</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
260.7	224.7	36	3	7	5

Permanent Staff Gains:

Andrew Altevogt – AEO

Temporary Help Staff Gains

Syreetta Thomas, Greg Waters, Zachary Kavert, Belinda Mirabella, Nancy Miranda, Leighann Whittier

Promotions:

Clint Snyder – AEO Redding

Leave of Absence:

None

Return from Leave of Absence:

None

Separations Permanent Staff:

Catherine Gill – Environmental Scientist
Diana Messina – Water Resource Control Engineer
Hope Brooke – Associate Government Program Analyst

Separations Temporary Help Staff:

Jose Lemus, Belinda Mirabella

TRAINING REPORT

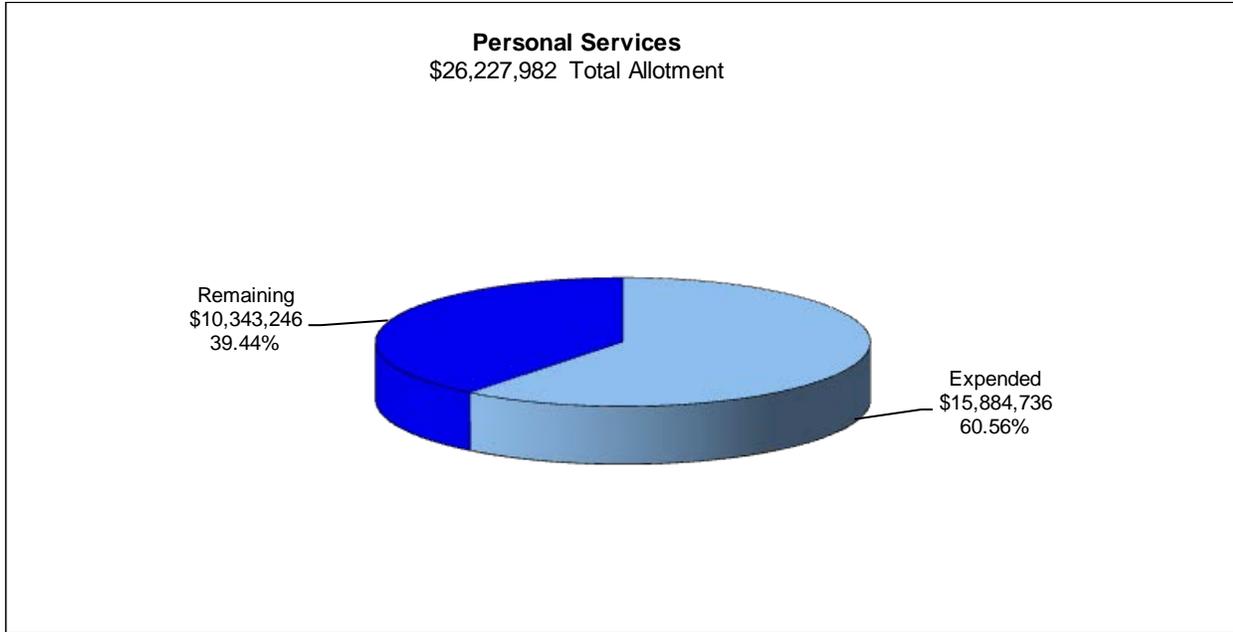
January 1, 2013 – February 28, 2013

<u>Course Title</u>	<u>Number of Attendees</u>
8 hour Hazwoper Training	2
Advanced CEQA for Water Quality Control Planning	3
ATV Rider Course	1
Basins Training for TMDLs	1
CA Rangeland Conservation	3
Dealing with Difficult People	1
Defensive Drivers Training	1
GRAC Salt & Nutrient Management Plans	25
Land Disposal & Reuse of Non-Designated Waste	24
Managing Emotions and Thriving Under Pressure	1
Mining-influenced Water: Treatment Technologies	1
Pretreatment, Pollution Prevention and Stormwater Conference and Exhibition	1
SMR Reports Webinar	1
TMDL Basics	4
Use of Risk Assessment in Mgt. of Contaminated Sites	1
Water Rights 101	15
Web Development Using Dreamweaver - CISW 321	1
Writing for Professionals: Editing	2
Writing for Scientific Professionals: Grammar & Punctuation	2

FISCAL REPORT
Expenditures through January 2013
(50% should have been expended to date)

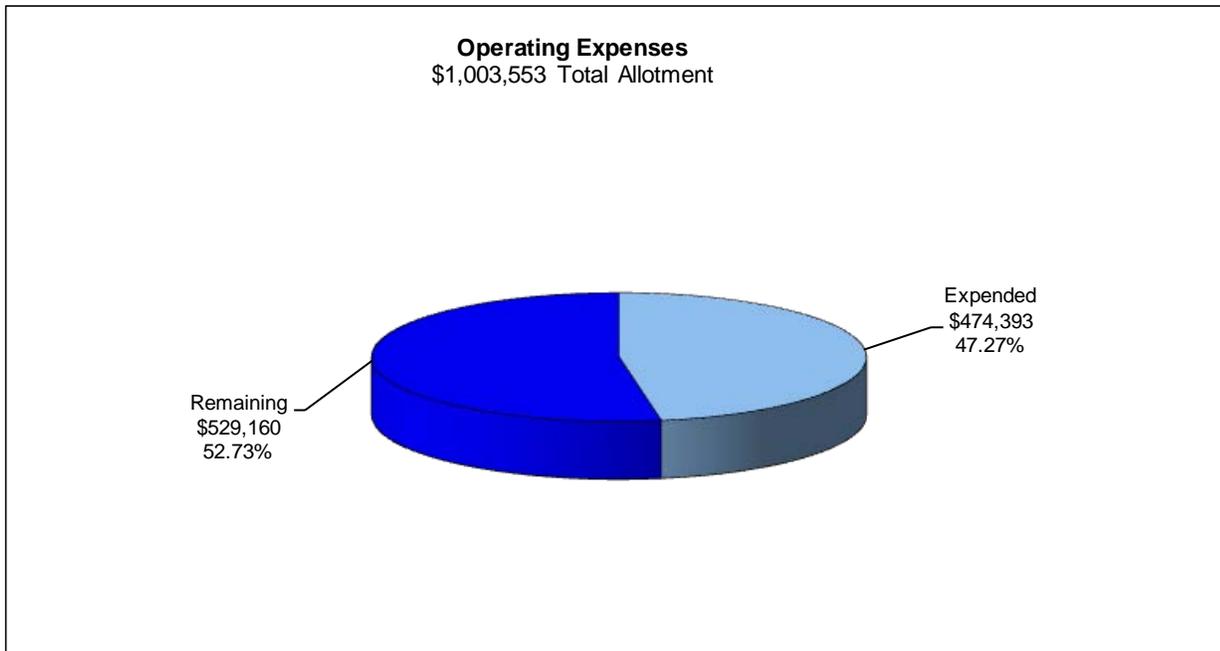
Personal Services:

Our Personal Services budget for the 2012/13 Fiscal Year is \$26,227,982.



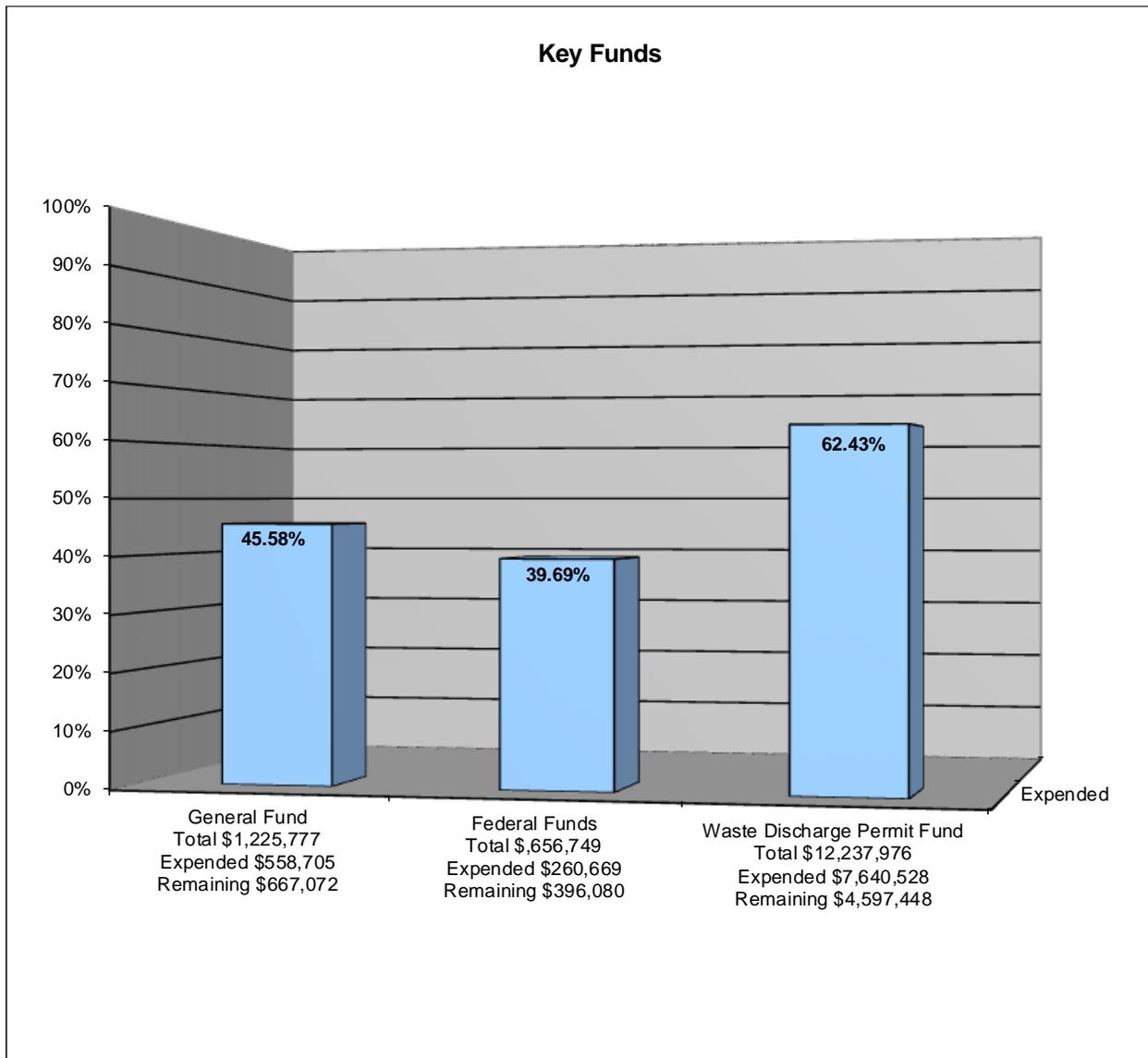
Operating Expenses:

Our Operating Expense budget for the 2012/13 Fiscal Year is \$1,003,553.



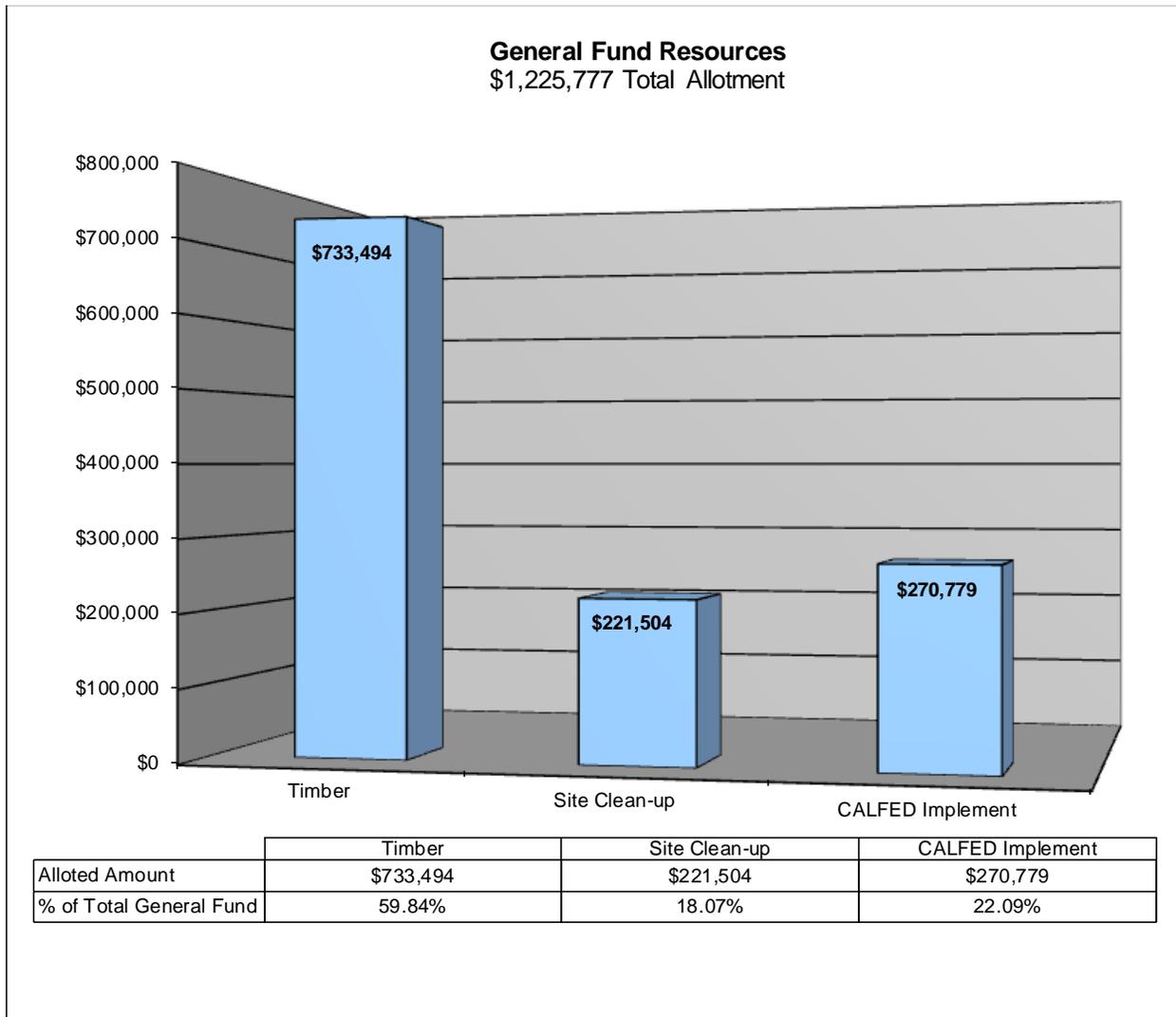
Key Fund Issues:

All key funds are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2012/13 Fiscal Year is \$1,225,777.



FUTURE BOARD ACTIVITIES

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

MAY 2013 BOARD MEETING

NPDES PROGRAM – PERMITTING

- Berry Petroleum, Poso Creek Facility Permit Rescinded
- City of Colfax WWTP Permit Renewal
- Calaveras County Water District Copper Cove WWTP Permit Renewal
- Cutler-Orosi WWTF Permit Renewal
- Limited Threat General NPDES Permit Renewal
- Low Threat General NPDES Permit Renewal
- Petroleum Cleanup General NPDES Permit Renewal
- Placer County, SMD3 WWTP Permit Renewal
- Red Bluff WWTP Permit Renewal
- Redding/Stillwater WWTP Permit Renewal
- RMK Mine Permit Renewal
- Yosemite National Park, Wawona WWTF Permit Renewal

STORM WATER PROGRAM – PERMITTING

- City of Fresno/Clovis Municipal Separate Storm Water Permit (Permit Renewal)
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Phase I Municipal Separate Storm Sewer System Hydromodification Management Plan Approval
- City of Modesto, Phase I Municipal Separate Storm Sewer System, Revised Guidance Manual for New Development for Storm Water Quality Control Approval

WASTE DISCHARGE REQUIREMENTS (WDR) Program – DISPOSAL TO LAND

- Black Butte Recreation Area (Rescission of WDRs)
- Garlic Company (Revised WDRs)
- Ishi Conservation Camp (Rescission of WDRs)
- Lakeview Marina (Rescission of WDRs)
- Mariposa Co., Don Pedro WWTF (Revised WDRs)
- Murphys Sanitary District Wastewater Treatment Facility (WDRs Amendment)
- Napa Berryessa Resort Improvement District Wastewater Treatment Facility (Revised WDRs)
- Pheasant Landing, Phase I (Rescission of WDRs)
- Salad Cosmo (Revised WDRs)
- Salt Creek Conservation Camp (Rescission of WDRs)
- San Joaquin Refinery (New WDRs)
- Sun Maid Growers-Kingsburg (Revised WDRs)
- Sunset Moulding (Rescission of WDRs)

LAND DISPOSAL Program – CHAPTER 15/TITLE 27

- AERA Energy, North Belridge Surface Impoundments, N. Belridge Oil Field, Kern County (Revised WDRs)
- BNSF Railway Company, BNSF Stockton Intermodal Facility, San Joaquin County (Revised WDRs)
- Chevron U.S.A., Section 29 Surface Impoundments, Lost Hills Oil Field, Kern County (Revised WDRs)
- County of Kern, Bakersfield Metropolitan (Bena) Sanitary Landfill, Kern County (WDR Modification)
- County of Kern, Lebec Sanitary Landfill, Kern County (Revised WDRs)
- County of Tulare, Balance Rock Municipal Solid Waste Landfill, Tulare County (Revised WDRs)
- County of Tulare, Visalia Municipal Solid Waste Landfill, Tulare County (Revised WDRs)
- ExxonMobil, Hill Lease Surface Impoundments, S. Belridge Oil Field, Kern County (Revised WDRs)

- Forward Inc. and Republic Services Inc, Forward Landfill, San Joaquin County (Revised WDRs)
- Nancy C. Cleavinger, Trustee of the NC Cleavinger Revocable Trust; ET AL., Florin Perkins Landfill, Sacramento County (Revised WDRs)
- Northern Recycling, LLC, Northern Recycling Compost-Zamora, Yolo County (Revised WDRs)
- Oroville Landfill (Revised WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

- Waste Discharge Requirements General Order for Discharges from Irrigated Lands within the Central Valley Region for Dischargers Not Participating in a Third-Party Group (New WDRs)

JUNE 2013 BOARD MEETING (FRESNO)

IRRIGATED LANDS REGULATORY PROGRAM

- Short-term Renewal of the Coalition Group Conditional Waiver of Waste Discharge Requirements for Discharges from Irrigated Lands
- Waste Discharge Requirements General Order for Growers within the Tulare Lake Basin Area that are Members of a Third-Party Group (New WDRs)

July 2013 Board Meeting

NPDES Program – Permitting

- Burney Forest Products Permit Renewal
- CalMat Company, Sand and Gravel Facility Permit Renewal
- City of Davis WWTP Permit Renewal
- City of Jackson WWTP Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- Kinder Morgan Fox Road Permit Renewal
- North Yuba/Forbestown WTP Permit Renewal
- SPI-Burney Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal
- Yosemite National Park, Wawona WWTF Permit Renewal
- Yuba City WWTP Permit Renewal

STORM WATER PROGRAM – PERMITTING

- Bakersfield Municipal Separate Storm Sewer System Permit (Permit Renewal)
- City of Stockton/San Joaquin County Municipal Separate Storm Sewer System Permit (Permit Renewal)
- Port of Stockton Storm Water Management Plan Approval

WASTE DISCHARGE REQUIREMENTS (WDR) Program – Disposal to Land

- Big De Farms Water Recycling Requirements (Revised WRRs)
- Calaveras Co. Water District, La Contenta WWTF (Revised WDRs)
- California Dairies-Tipton (Revised WDRs)
- Compost Solutions (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- Iowa Hill Gravel Mine (New WDRs)
- Kiara Solar (New WDRs)
- Lake Berryessa Resort Improvement District Wastewater Treatment Facility (Revised WDRs)
- Mendota WWTF (Revised WDRs)
- Olam Key Foods Ingredients (Revised WDRs)
- Olson Meat (New WDRs)
- Seka Hills Olive Mill (New WDRs)
- Seneca Mine (New WDR)
- Sunny Gem, LLC Almond Plant (New WDRs)

OCTOBER 2013 BOARD MEETING

NPDES PROGRAM – PERMITTING

- City of Brentwood WWTP Permit Renewal
- City of Lodi WWTP Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Baker Commodities, Kerman (Revised WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Morningstar Packing Company (Revised WDRs)
- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- Paramount Farms King Facility (Revised WDRs)
- So. San Joaquin Irr. District, De Groot Water Treatment Plant (New WDRs)

STORM WATER PROGRAM – PERMITTING

- City of Modesto Municipal Separate Storm Sewer System Permit (Permit Renewal)

IRRIGATED LANDS REGULATORY PROGRAM

- Waste Discharge Requirements General Order for Growers within the Delta that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Rice Growers within the Sacramento Valley that are Members of a Third-Party Group (New WDRs)

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- 16 to 1 Mine Permit Issuance
- Bell Carter Industrial Ponds Permit Renewal
- City of Alturas WWTP Permit Renewal
- City of Anderson WPCP Permit Renewal
- City of Clovis Permit Renewal
- City of Live Oak WWTP Permit Amendment
- City of Merced WWTF Permit Renewal
- City of Shasta Lake WWTF Permit Renewal
- City of Stockton RWCF Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal
- Calaveras County Water District Forest Meadows WWTP Permit Renewal
- Crystal Creek Aggregate Inc. Permit Renewal
- Ironhouse Sanitary District WWRF Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- Malaga CWD Permit Renewal
- Mariposa PUD WWTF Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- SWA at Mountain Gate – Permit Renewal
- University of California, Davis Aquatic Weed Lab Permit Rescission
- Yosemite National Park, El Portal WWTF Permit Renewal

STORM WATER PROGRAM – PERMITTING

- City of Stockton/San Joaquin County Storm Water Management Plan Approval
- City of Modesto Storm Water Management Plan Approval
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Phase I Municipal Separate Storm Sewer System Permit (Permit Renewal)
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County, Storm Water Management Plan Approval

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- City of Mendota (Revised WDRs)
- Del Monte Plant 24 (Revised WDRs)
- Delano Growers Grape Products (Revised WDRs)
- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)
- Friant Ranch (New WDRs)
- Hughson Nut Company (New WDRs)
- Low Threat Waiver Resolution R5-2008-0182 (Revision)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- Sacramento Rendering Company (Revised WDRs)
- San Joaquin Wine Company (New WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)
- Wilbur Packing (New WDRs)

IRRIGATED LANDS REGULATORY PROGRAM

- Waste Discharge Requirements General Order for Growers within the Sacramento River Watershed that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Westside San Joaquin River Watershed that are Members of a Third-Party Group (New WDRs)
- Waste Discharge Requirements General Order for Growers within the Westlands Area that are Members of a Third-Party Group (New WDRs)